

# Annual Report 2018-19

## ICAR Seed Project "Seed Production in Agricultural Crops"



**ICAR- Indian Institute of Seed Science**  
*(Indian Council of Agricultural Research)*  
Kushmaur, Mau 275103 (UP)





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**Cover page photos:** First slide: Rice seed production, BSKKV, Dapoli; Second slide: Mustard seed production, UBKV, Pundibari; Third slide: Groundnut seed production, BSKKV, Dapoli; Fourth slide: Safflower seed production, PDKV, Akola.

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## Preface

Seed is the source for agricultural prosperity and growth *per se*. Farmers' access to quality seed of superior varieties is key in increasing agricultural productivity and production. Role of quality seed is documented and acknowledged across farming systems and ICAR duly acknowledged this fact by the launch of milestone projects *viz.* AICRP- NSP (Crops) and ICAR Seed Project vis-à-vis Mega Seed Project, for which coordination is entrusted upon IISS, Mau. In order to address issues such as Seed Replacement Rate (SRR) and Varietal Replacement Rate (VRR), to equip seed production centers of NARES with world-class infrastructure and to make quality seed available to the farmers by means of model deployment, ICAR has launched ICAR Seed Project- "Seed Production in Agricultural Crops and Fisheries" during X plan and was continued thereafter. This project has strengthened all facets of quality seed domain *viz.* production, infrastructure establishment, technology dissemination, model deployment, entrepreneurship development and capacity building.

Annual Report 2018-19 is compilation of progress made by diverse co-operating centers under ICAR Seed Project – Seed Production in Agricultural Crops. It is my immense pleasure to express my deep sense of gratitude and sincere thanks to Dr. Trilochan Mohapatra, Hon'ble Secretary, DARE & Director General, ICAR for persistent sustenance and adept leadership. I acknowledge gratefully Dr. Anand Kumar Singh DDG (CS & HS), ICAR who is the mission leader of this project, for his kind support, guidance and constant encouragement. My heartfelt thanks to Dr. D. K. Yadava, ADG (Seed) for the active co-operation rendered in successful implementation of referred project. Co-operation received from other officials of Seed Division of Crop Science in the council is sincerely acknowledged. The quality and quantum of progress made under this project reflects the tireless efforts of large number of scientists and staff throughout the country. I owe indebtedness to all nodal officers from various co-operating centers, who did commendable job in successful implementation of the project which I gratefully acknowledge and appreciate. I also take this opportunity to acknowledge all scientists and staff of IISS primarily Dr. Udayabhaskar K. and Dr. Ramesh K.V. for their efforts in successful co-ordination of the referred project. I firmly believe that this project, down the line would tread us towards attaining seed sufficiency and quality seed driven agricultural growth.



**(Dinesh K. Agarwal)**

Director (Acting), ICAR-IISS, Mau.



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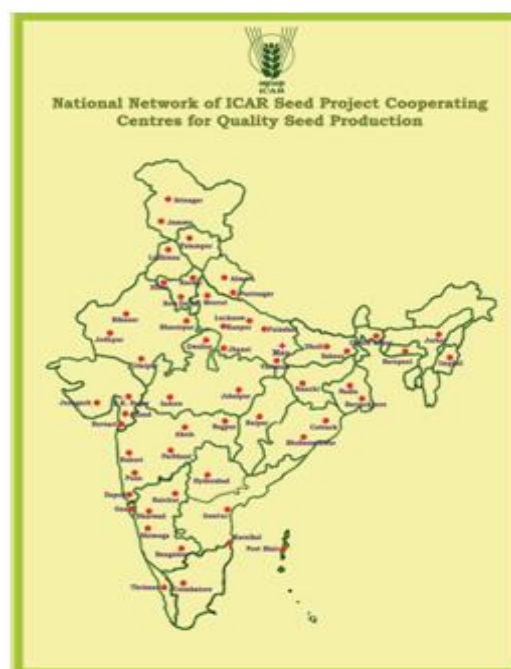




## Introduction

Seeds are essential for crop production. They are means for deployment of technologies and play an essential role in agricultural prosperity and growth *per se*. Desired growth rates in agriculture can only be made possible, if the input of agriculture i.e. “Seed” gets its rightful paramourcy. Seed security is having a strong positive correlation to food security, which is quite clearly evident from increment in food grain production vis-à-vis growth in quality seed production. ICAR Seed Project – seed production in agricultural crops played its part in augmenting quality seed production, infrastructure establishment to support seed activities, seed related technology dissemination, capacity building and more importantly making seeds available at right place and time by innovative model deployment (participatory seed production and seed village programme etc).

In a bid to foster seed multiplication chain and for strengthening seed production infrastructure facilities in the country, ICAR had launched ICAR seed project “Seed Production in Agricultural Crops & Fisheries” during X five year plan with an outlay of Rs. 198.89 crores for 2005-06 & 2006-07 for field crops, horticulture and fisheries. The project has resulted in enhanced supply of seeds including planting material and fish seeds. Further, looking into the achievement of the project during X plan, the project was continued in XI plan with an outlay of Rs. 63.33 crore for field crops



component alone. In XI plan, the project has ushered in significant positive impact in enhancing the quality seeds to aid seed and food security. ICAR Seed Project also facilitated in the emergence of new seed hubs in many centres and several more are in offing. With respect to infrastructure development, state of art facilities were established in cooperating centres, many centres developed core competencies and are now ready to serve as model centres regarding processing, seed quality enhancement and molecular diagnostics aspects. This project has helped in human resource



development, technology dissemination, model deployment and employment generation. During XII plan period, horizons of this project were widened by means of expansion of seed activities to unexplored areas (N-E states), concentration on untapped areas for seed production; capacity building and commercial orientation is accentuated upon. Amid current proposal period (2017-18 to 2019-20), renewed emphasis shall be rendered on model deployment (FPSP) and technological dissemination aspects of seed realm.

### **Central Tenet**

Qualitative and quantitative enhancement in seed production capabilities of institutions under NARES.

### **Objectives**

- ❖ To strengthen quality seed production capabilities of cooperating centres of ICAR Seed Project
- ❖ To improve quality of farm-saved seed and dissemination of seed production, processing and storage technologies.
- ❖ To undertake Human Resource Development (HRD) and Technology Dissemination activities pertinent to seed realm

### **No. of cooperating centres & Location:**

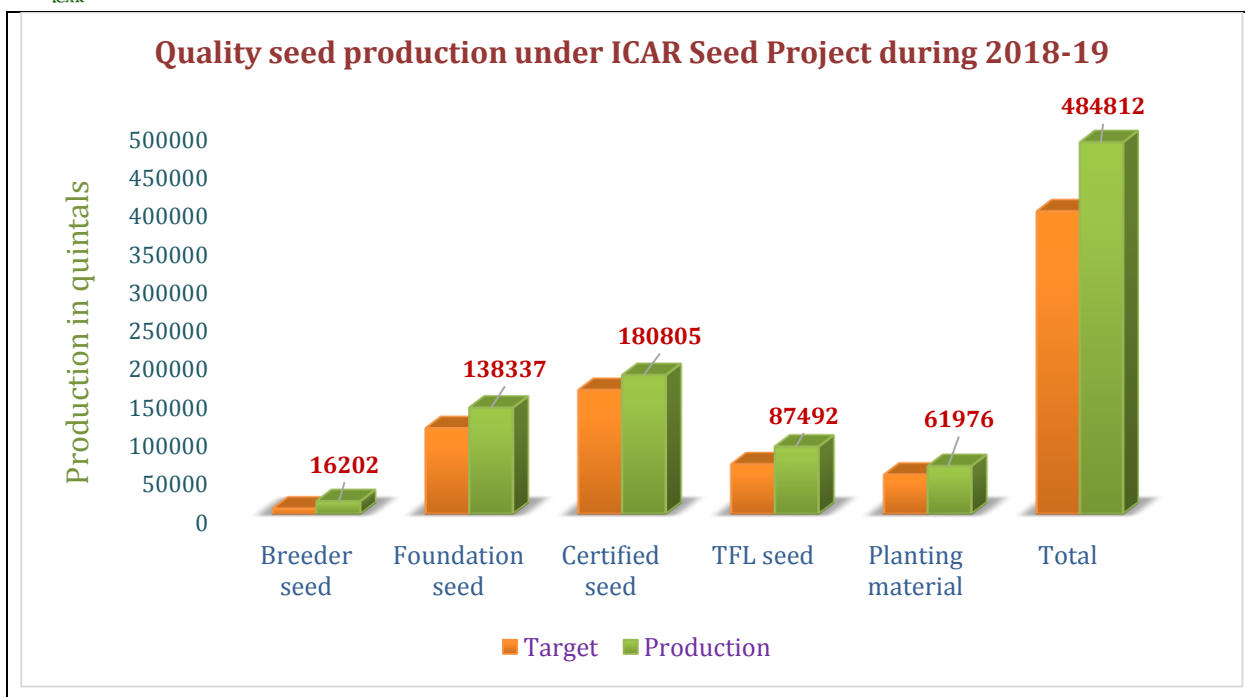
*In-toto 63 cooperating centres are existing under ICAR Seed Project.*

<b>ICAR Seed Project: List of Cooperating Centers</b>			
<b>S. No.</b>	<b>Centre</b>	<b>S. No.</b>	<b>Centre</b>
	<b>Agricultural University</b>	34	CAU, Imphal
1	SKUAS & T, Srinagar	35	UAS, Raichur
2	SKUAS & T, Jammu	36	RVSKVV, Gwalior
3	CSKHPKVV, Palampur	37	BAU, Sabour
4	PAU, Ludhiana	38	PAJANCOA & RI, Karaikal
5	CCSHAU, Hisar	39	UAHS, Shivamogga
6	SVPUA & T, Meerut		<b>ICAR Institute</b>
7	GBPUA & T, Pantnagar	40	IARI, New Delhi
8	NDUA & T, Faizabad	41	IIWBR, Karnal
9	CSAUA & T, Kanpur	42	VPKAS, Almora
10	BHU, Varanasi	43	IIPR, Kanpur
11	AAU, Jorhat	44	IISR, Lucknow
12	BAU, Ranchi	45	CRIJAF, Barrackpore
13	RPCAU, Pusa	46	NRRI, Cuttack
14	BCKVV, Nadia	47	IGFRI, Jhansi



15	UBKV, Pundibari	48	DRMR, Bharatpur
16	OUA&T, Bhubaneshwar	49	IISR, Indore
17	SKRAU, Bikaner	50	DGR, Junagadh
18	MPUAT, Udaipur	51	CAZRI, Jodhpur
19	SDAU, Saradrkrushinagar	52	CICR, Nagpur
20	AAU, Anand	53	IIOR, Hyderabad
21	JAU, Junagarh	54	IIRR, Hyderabad
22	NAU, Navsari	55	IIMR, Hyderabad
23	IGKVV, Raipur	56	SBI, Coimbatore
24	JNKVV, Jabalpur	57	IISS, Mau
25	VNMKV, Parbhani	58	IIMR, Ludhiana
26	MPKV, Rahuri	59	CCARI, Goa
27	PDKV, Akola	60	CIARI, Port Blair
28	KKV, Dapoli	61	ICAR-RC, NEH Manipur
29	UAS, Bengaluru	62	VSI, Pune (NGO)
30	UAS, Dharwad		<b>New Center as per EFC</b> (2017-18 to 2019-20)
31	PJTSAU, Hyderabad	63	ANGRAU, Guntur
32	TNAU, Coimbatore		
33	KAU, Thrissur		

During the year 2018-19, total production of quality seed including all classes was 484812 quintals against the target of 394613 quintals. Whereas, with respect to *Rabi* 2018-19, expected seed production figures collected from cooperating centres were used in aforementioned compilation. Production comprises 16202 quintals of breeder seed, 138337 quintals of foundation seed, 180805 quintals of certified seeds, 87492 quintals of truthfully labelled seed and 61976 quintals of planting material of field crops. In addition, 178 lakh planting material and 12 lakh tissue culture plantlets were produced against the targets of 193 and 5 lakh, respectively.



During the financial year 2018-19, an amount of Rs. 677.50 lakh was released to different centres under ICAR Seed Project. ICAR-IISS has been entrusted with the responsibility of coordinating the activities under ICAR seed project and hence this meeting is proposed to review and discuss the progress made by different centres involved in seed production for the year 2018-19 and to finalize road map for the year 2019-20.

The success story of ICAR Seed Project – seed production in agricultural crops is a crown jewel of ICAR. Apart from mere production, capacity building with focus on skill intensification, technology dissemination, model deployment (Farmers’ Participatory Approach and Seed Village Programme), employment generation, commercial orientation addressing gender outlook i.e. women entrepreneurship, expansion of activities in untapped areas are significant contributions of this project. Under the sustenance of ICAR with a team of dedicated scientists and staff throughout the country, ICAR Seed project will tread us towards seed security thereby contributes its portion towards much awaited ever green revolution.





Wheat seed production plot  
IARI Karnal



Farmers participatory seed production  
(CS) of Redgram (GRG-811): UAS Raichur



Participatory seed production plot of  
Rapeseed: CAU, Imphal



Monitoring of seed production plots at  
NAU, Navsari



Distribution of inputs to the Tribal farmers  
of Mattapparai: PAJANCOA&RI, Karaikal



Seed Mela: IIOR, Hyderabad



**Table 1: Summary of centre-wise quality seed production in university/ institute farms**

(in quintals)

S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Target	Production
1	SKUAS & T, Srinagar	0.00	0.00	1790.00	1820.41	0.00	0.00	0.00	0.00	1790.00	1820.41
2	SKUAS & T, Jammu	0.00	0.00	397.00	407.00	200.00	250.00	50.00	50.00	647.00	707.00
3	CSKHPKV, Palampur	654.85	757.42	173.45	195.37	0.00	0.00	0.00	0.00	828.30	952.79
4	PAU, Ludhiana	32.00	44.00	4542.00	6677.70	41230.90	42733.80	6602.70	6920.68	52407.60	56376.18
5	CCSHAU, Hisar	1.50	3.25	2984.40	3197.05	8814.00	9038.60	2191.00	2401.35	13990.90	14640.25
6	SVPUA & T, Meerut	0.00	185.00	904.00	1107.62	560.00	893.90	180.50	300.50	1644.50	2487.02
7	GBPUA & T, Pantnagar	0.00	5005.26	0.00	4002.69	0.00	2519.67	0.00	0.00	0.00	11527.62
8	NDUA & T, Faizabad	0.00	289.54	8844.00	9816.51	2705.00	3033.00	0.00	0.00	11549.00	13139.05
9	CSAUA & T, Kanpur	0.00	0.00	3690.00	4780.70	0.00	0.00	155.00	184.54	3845.00	4965.24
10	BHU, Varanasi	0.00	0.00	456.10	529.90	0.00	0.00	0.00	0.00	456.10	529.90
11	AAU, Jorhat	0.00	400.35	2000.00	2710.36	500.00	616.40	400.00	770.05	2900.00	4497.16
12	BAU, Ranchi	0.00	0.00	0.00	3426.65	0.00	77.00	0.00	3.00	0.00	3506.65
13	RPCAU, Pusa	2948.00	3035.30	6136.50	6306.40	0.00	0.00	127.10	130.00	9211.60	9471.70
14	BCKV, Nadia	0.00	35.00	341.00	360.00	1880.00	2013.00	900.00	902.00	3121.00	3310.00
15	UBKV, Pundibari	0.00	0.00	625.00	477.81	1050.00	820.49	210.00	88.80	1885.00	1387.10
16	OUA&T, Bhubaneswar	33.15	45.25	2650.00	2679.30	150.00	150.00	9.00	6.00	2842.15	2880.55
17	SKRAU, Bikaner	0.00	28.00	0.00	0.00	0.00	0.00	1600.00	2070.61	1600.00	2098.61
18	MPUAT, Udaipur	0.00	0.00	1958.25	1930.48	1330.00	1267.52	60.00	59.05	3348.25	3257.05
19	SDAU, Saradrkrushinagar	0.00	117.27	0.00	0.00	0.00	0.00	1059.70	1202.93	1059.70	1320.20
20	Anand A.U. Anand	337.45	426.69	1029.80	1129.00	1976.50	1937.85	1581.00	1761.89	4924.75	5255.43



S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Target	Production
21	Junagarh A.U. Junagarh	0.00	0.00	0.00	894.15	0.00	675.80	765.00	1355.42	765.00	2925.37
22	Navsari A.U. Navsari	141.00	253.50	240.00	508.65	1545.00	2512.58	1227.30	1034.48	3153.30	4309.21
23	IGKV, Raipur	258.60	342.00	3652.80	7406.77	2486.00	4388.77	0.00	459.59	6397.40	12597.13
24	JNKVV, Jabalpur	0.00	1135.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1135.61
25	VNMKV, Parbhani	8.00	9.23	89.60	87.50	299.00	212.10	522.80	275.94	919.40	584.77
26	MPKV, Rahuri	126.60	213.19	1765.40	2629.18	1521.00	1567.14	633.70	732.15	4046.70	5141.66
27	PDKV, Akola	3.00	523.86	77.00	83.35	104.00	241.90	559.75	813.98	743.75	1663.09
28	KKV, Dapoli	43.70	165.17	226.30	392.00	0.00	0.00	1194.30	791.05	1464.30	1348.22
29	UAS, Bengaluru	86.65	145.20	2083.50	1177.57	2747.00	1214.37	352.00	219.13	5269.15	2756.27
30	UAS, Dharwad	0.00	0.00	1873.21	1790.30	6235.00	5694.00	0.00	0.00	8108.21	7484.30
31	PJTSAU, Hyderabad	100.05	225.88	2935.00	3110.70	0.00	0.00	713.00	737.00	3748.05	4073.58
32	TNAU, Coimbatore	701.52	845.16	1773.20	2784.68	2546.00	1840.46	968.00	2235.89	5988.72	7706.19
33	KAU, Thrissur	44.00	49.24	0.00	0.00	0.00	0.00	368.60	457.54	412.60	506.78
34	CAU, Imphal	0.00	8.40	0.00	0.00	0.00	0.00	1.00	1.00	1.00	9.40
35	IARI, New Delhi	387.00	407.00	0.00	0.00	0.00	0.00	429.40	489.40	816.40	896.40
36	IIWBR, Karnal	363.00	375.00	0.00	0.00	0.00	0.00	95.00	95.00	458.00	470.00
37	VPKAS, Almora	14.50	23.60	0.00	0.00	0.00	0.00	14.08	18.37	28.58	41.97
38	IIPR, Kanpur	0.00	0.00	0.00	0.00	0.00	0.00	35.00	50.75	35.00	50.75
39	IISR, Lucknow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	CRIJAF, Barrackpore	4.50	4.30	0.00	0.00	200.00	350.00	236.00	203.23	440.50	557.53
41	NRRI, Cuttack	13.50	23.90	0.00	0.00	0.00	0.00	0.00	0.00	13.50	23.90
42	IGFRI, Jhansi	0.00	9.50	0.00	0.00	20.60	22.47	200.50	264.69	221.10	296.66
43	DRMR, Bharatpur	0.00	0.00	0.00	0.00	0.00	0.00	940.00	985.00	940.00	985.00
44	IISR, Indore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	10.00



S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Target	Production
45	DGR, Junagadh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	CAZRI, Jodhpur	0.00	0.00	0.00	0.00	0.00	0.00	105.00	109.93	105.00	109.93
47	CICR, Nagpur	0.00	0.00	0.00	0.00	186.00	259.20	20.00	34.42	206.00	293.62
48	IIR, Hyderabad	0.00	0.00	7.00	14.57	0.00	0.00	72.80	93.30	79.80	107.87
49	IIRR, Hyderabad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	IIMR, Hyderabad	38.00	72.00	0.00	0.00	0.00	0.00	70.00	120.00	108.00	192.00
51	SBI, Coimbatore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	IISS, Mau	0.00	0.00	187.75	330.20	66.75	66.00	81.25	30.00	335.75	426.20
53	IIMR, Ludhiana	32.25	34.25	10.00	11.00	0.00	0.00	655.00	595.00	697.25	640.25
54	CCARI, Goa	0.00	0.00	15.00	13.00	0.00	0.00	8.00	6.50	23.00	19.50
55	CIARI, Port Blair	2.01	1.75	0.00	0.00	0.00	0.00	1.64	2.21	3.65	3.96
56	VSI, Pune	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	UAS, Raichur	0.00	58.70	930.00	773.75	4059.00	3111.10	785.00	362.00	5774.00	4305.55
58	RVSKVV, Gwalior	0.00	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20
59	BAU, Sabour	0.00	325.00	2325.00	2820.22	1740.00	2164.50	55.00	195.15	4120.00	5504.87
60	PAJANCOA & RI, Karaikal	0.00	0.00	5.00	7.00	0.00	0.00	194.00	275.00	199.00	282.00
61	UAHS, Shivamogga	0.00	0.00	405.00	327.00	3240.00	3464.00	50.00	20.00	3695.00	3811.00
62	ICAR-RC, Manipur	101.00	459.65	1.50	5.04	12.00	31.00	32.00	3874.35	146.50	4370.04
63	ANGRAU, Guntur	0.00	114.90	2940.40	2981.31	0.00	0.00	20.00	24.00	2960.40	3120.21
	<b>Grand total</b>	<b>6475.83</b>	<b>16201.52</b>	<b>60064.16</b>	<b>79702.89</b>	<b>87403.75</b>	<b>93166.62</b>	<b>26531.12</b>	<b>33822.87</b>	<b>180474.86</b>	<b>222893.90</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*



**Table 2: Summary of centre-wise quality seed production in farmers' field****(in quintals)**

S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Target	Production
1	SKUAS & T, Srinagar	0.00	0.00	0.00	0.00	3385.00	3434.00	0.00	0.00	3385.00	3434.00
2	SKUAS & T, Jammu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	CSKHPKV, Palampur	0.00	0.00	0.00	0.00	0.00	0.00	4261.30	4827.37	4261.30	4827.37
4	PAU, Ludhiana	0.00	0.00	0.00	0.00	660.00	710.00	0.00	0.00	660.00	710.00
5	CCSHAU, Hisar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	SVPUA & T, Meerut	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	GBPUA & T, Pantnagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	NDUA & T, Faizabad	0.00	0.00	485.00	543.00	1390.00	1422.00	1850.00	1878.00	3725.00	3843.00
9	CSAUA & T, Kanpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	BHU, Varanasi	0.00	0.00	0.00	0.00	0.00	0.00	2351.10	2588.50	2351.10	2588.50
11	AAU, Jorhat	0.00	0.00	550.00	945.00	900.00	1150.00	6500.00	12352.00	7950.00	14447.00
12	BAU, Ranchi	0.00	0.00	0.00	0.00	0.00	10733.75	0.00	75.00	0.00	10808.75
13	RPCAU, Pusa	0.00	0.00	0.00	0.00	0.00	0.00	20.00	25.00	20.00	25.00
14	BCKV, Nadia	0.00	0.00	0.00	0.00	840.00	814.00	996.00	1149.00	1836.00	1963.00
15	UBKV, Pundibari	0.00	0.00	100.00	24.17	810.00	1957.65	350.00	156.30	1260.00	2138.12
16	OUA&T, Bhubaneswar	0.00	0.00	407.00	490.00	5310.00	3431.00	0.00	0.00	5717.00	3921.00
17	SKRAU, Bikaner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	MPUAT, Udaipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	SDAU, Saradrkrushinagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	Anand A.U. Anand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Target	Production
21	Junagarh A.U. Junagarh	0.00	0.00	0.00	0.00	0.00	0.00	2840.00	4098.56	2840.00	4098.56
22	Navsari A.U. Navsari	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	IGKV, Raipur	0.00	0.00	650.00	1750.00	2700.00	3300.00	700.00	4255.00	4050.00	9305.00
24	JNKVV, Jabalpur	0.00	0.00	28211.00	32223.00	0.00	0.00	0.00	0.00	28211.00	32223.00
25	VNMKV, Parbhani	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	MPKV, Rahuri	0.00	0.00	0.00	0.00	5950.00	7550.00	0.00	0.00	5950.00	7550.00
27	PDKV, Akola	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	KKV, Dapoli	0.00	0.00	0.00	0.00	0.00	0.00	1828.00	797.91	1828.00	797.91
29	UAS, Bengaluru	0.00	0.00	270.00	137.85	26455.00	13133.69	350.00	586.64	27075.00	13858.18
30	UAS, Dharwad	0.00	0.00	833.00	746.50	7635.00	5860.00	0.00	0.00	8468.00	6606.50
31	PJTSAU, Hyderabad	0.00	0.00	1300.00	1655.80	185.00	196.50	550.00	600.00	2035.00	2452.30
32	TNAU, Coimbatore	0.00	0.00	387.00	389.43	840.00	789.69	2535.50	2573.50	3762.50	3752.62
33	KAU, Thrissur	0.00	0.00	0.00	0.00	0.00	0.00	702.50	766.90	702.50	766.90
34	CAU, Imphal	0.00	0.00	0.00	0.00	550.00	550.50	1051.00	1002.89	1601.00	1553.39
35	IARI, New Delhi	0.00	0.00	0.00	0.00	0.00	0.00	6200.00	7078.09	6200.00	7078.09
36	IIWBR, Karnal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	VPKAS, Almora	0.00	0.00	0.00	0.00	0.00	0.00	300.00	302.20	300.00	302.20
38	IIPR, Kanpur	0.00	0.00	31.00	52.00	16.00	23.25	0.00	0.00	47.00	75.25
39	IISR, Lucknow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	CRIJAF, Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00	5.00	5.00
41	NRRI, Cuttack	0.00	0.00	0.00	0.00	0.00	0.00	1000.00	1120.00	1000.00	1120.00
42	IGFRI, Jhansi	0.00	0.00	0.00	0.00	0.00	0.00	39.00	44.09	39.00	44.09
43	DRMR, Bharatpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	IISR, Indore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Target	Production
45	DGR, Junagadh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	CAZRI, Jodhpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	CICR, Nagpur	0.00	0.00	0.00	0.00	0.00	0.00	12.00	6.90	12.00	6.90
48	IIR, Hyderabad	0.00	0.00	0.00	0.00	0.00	0.00	20.00	30.00	20.00	30.00
49	IIRR, Hyderabad	0.00	0.00	0.00	0.00	0.00	0.00	295.00	342.00	295.00	342.00
50	IIMR, Hyderabad	0.00	0.00	0.00	0.00	647.00	15280.00	110.00	376.00	757.00	15656.00
51	SBI, Coimbatore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	IISS, Mau	0.00	0.00	110.00	1967.45	120.00	60.00	60.00	50.00	290.00	2077.45
53	IIMR, Ludhiana	0.00	0.00	0.00	0.00	550.00	720.00	0.00	0.00	550.00	720.00
54	CCARI, Goa	0.00	0.00	0.00	0.00	0.00	0.00	110.00	100.00	110.00	100.00
55	CIARI, Port Blair	0.00	0.00	0.00	0.00	0.00	0.00	61.10	50.06	61.10	50.06
56	VSI, Pune	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	UAS, Raichur	0.00	0.00	15165.00	13593.00	3609.00	1261.00	430.00	400.00	19204.00	15254.00
58	RVSKVV, Gwalior	0.00	0.00	0.00	590.20	3112.00	7878.50	0.00	0.00	3112.00	8468.70
59	BAU, Sabour	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	PAJANCOA & RI, Karaikal	0.00	0.00	250.00	348.00	20.00	30.00	36.00	45.90	306.00	423.90
61	UAHS, Shivamogga	0.00	0.00	60.00	50.00	7360.00	5790.00	0.00	0.00	7420.00	5840.00
62	ICAR-RC, Manipur	0.00	0.00	398.50	556.00	923.50	1497.72	2350.00	5986.58	3672.00	8040.30
63	ANGRAU, Guntur	0.00	0.00	2180.00	2573.00	0.00	0.00	0.00	0.00	2180.00	2573.00
	<b>Grand Total</b>	<b>0.00</b>	<b>0.00</b>	<b>51387.50</b>	<b>58634.40</b>	<b>73967.50</b>	<b>87638.25</b>	<b>37913.50</b>	<b>53669.39</b>	<b>163268.50</b>	<b>199942.04</b>

**Note:** Rabi 2018-19, expected seed production figures were used in compilation



**Table 3: Summary of centre-wise total quality seed production**

S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		(in quintals) Grand Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Total	Production
1	SKUAS & T, Srinagar	0.00	0.00	1790.00	1820.41	3385.00	3434.00	0.00	0.00	5175.00	5254.41
2	SKUAS & T, Jammu	0.00	0.00	397.00	407.00	200.00	250.00	50.00	50.00	647.00	707.00
3	CSKHPKV, Palampur	654.85	757.42	173.45	195.37	0.00	0.00	4261.30	4827.37	5089.60	5780.16
4	PAU, Ludhiana	32.00	44.00	4542.00	6677.70	4189.90	43443.80	6602.70	6920.68	53067.60	57086.18
5	CCSHAU, Hisar	1.50	3.25	2984.40	3197.05	8814.00	9038.60	2191.00	2401.35	13990.90	14640.25
6	SVPUA & T, Meerut	0.00	185.00	904.00	1107.62	560.00	893.90	180.50	300.50	1644.50	2487.02
7	GBPUA & T, Pantnagar	0.00	5005.26	0.00	4002.69	0.00	2519.67	0.00	0.00	0.00	11527.62
8	NDUA & T, Faizabad	0.00	289.54	9329.00	10359.51	4095.00	4455.00	1850.00	1878.00	15274.00	16982.05
9	CSAUA & T, Kanpur	0.00	0.00	3690.00	4780.70	0.00	0.00	155.00	184.54	3845.00	4965.24
10	BHU, Varanasi	0.00	0.00	456.10	529.90	0.00	0.00	2351.10	2588.50	2807.20	3118.40
11	AAU, Jorhat	0.00	400.35	2550.00	3655.36	1400.00	1766.40	6900.00	13122.05	10850.00	18944.16
12	BAU, Ranchi	0.00	0.00	0.00	3426.65	0.00	10810.75	0.00	78.00	0.00	14315.40
13	RPCAU, Pusa	2948.00	3035.30	6136.50	6306.40	0.00	0.00	147.10	155.00	9231.60	9496.70
14	BCKV, Nadia	0.00	35.00	341.00	360.00	2720.00	2827.00	1896.00	2051.00	4957.00	5273.00
15	UBKV, Pundibari	0.00	0.00	725.00	501.98	1860.00	2778.14	560.00	245.10	3145.00	3525.22
16	OUA&T, Bhubaneswar	33.15	45.25	3057.00	3169.30	5460.00	3581.00	9.00	6.00	8559.15	6801.55
17	SKRAU, Bikaner	0.00	28.00	0.00	0.00	0.00	0.00	1600.00	2070.61	1600.00	2098.61
18	MPUAT, Udaipur	0.00	0.00	1958.25	1930.48	1330.00	1267.52	60.00	59.05	3348.25	3257.05
19	SDAU, Saradrkrushinagar	0.00	117.27	0.00	0.00	0.00	0.00	1059.70	1202.93	1059.70	1320.20
20	Anand A.U. Anand	337.45	426.69	1029.80	1129.00	1976.50	1937.85	1581.00	1761.89	4924.75	5255.43



S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Grand Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Total	Production
21	Junagarh A.U. Junagarh	0.00	0.00	0.00	894.15	0.00	675.80	3605.00	5453.98	3605.00	7023.93
22	Navsari A.U. Navsari	141.00	253.50	240.00	508.65	1545.00	2512.58	1227.30	1034.48	3153.30	4309.21
23	IGKV, Raipur	258.60	342.00	4302.80	9156.77	5186.00	7688.77	700.00	4714.59	10447.40	21902.13
24	JNKVV, Jabalpur	0.00	1135.61	28211.00	32223.00	0.00	0.00	0.00	0.00	28211.00	33358.61
25	VNMKV, Parbhani	8.00	9.23	89.60	87.50	299.00	212.10	522.80	275.94	919.40	584.77
26	MPKV, Rahuri	126.60	213.19	1765.40	2629.18	7471.00	9117.14	633.70	732.15	9996.70	12691.66
27	PDKV, Akola	3.00	523.86	77.00	83.35	104.00	241.90	559.75	813.98	743.75	1663.09
28	KKV, Dapoli	43.70	165.17	226.30	392.00	0.00	0.00	3022.30	1588.96	3292.30	2146.13
29	UAS, Bengaluru	86.65	145.20	2353.50	1315.42	29202.00	14348.06	702.00	805.77	32344.15	16614.45
30	UAS, Dharwad	0.00	0.00	2706.21	2536.80	13870.00	11554.00	0.00	0.00	16576.21	14090.80
31	PJTSAU, Hyderabad	100.05	225.88	4235.00	4766.50	185.00	196.50	1263.00	1337.00	5783.05	6525.88
32	TNAU, Coimbatore	701.52	845.16	2160.20	3174.11	3386.00	2630.15	3503.50	4809.39	9751.22	11458.81
33	KAU, Thrissur	44.00	49.24	0.00	0.00	0.00	0.00	1071.10	1224.44	1115.10	1273.68
34	CAU, Imphal	0.00	8.40	0.00	0.00	550.00	550.50	1052.00	1003.89	1602.00	1562.79
35	IARI, New Delhi	387.00	407.00	0.00	0.00	0.00	0.00	6629.40	7567.49	7016.40	7974.49
36	IIWBR, Karnal	363.00	375.00	0.00	0.00	0.00	0.00	95.00	95.00	458.00	470.00
37	VPKAS, Almora	14.50	23.60	0.00	0.00	0.00	0.00	314.08	320.57	328.58	344.17
38	IIPR, Kanpur	0.00	0.00	31.00	52.00	16.00	23.25	35.00	50.75	82.00	126.00
39	IISR, Lucknow	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	CRIJAF, Barrackpore	4.50	4.30	0.00	0.00	200.00	350.00	241.00	208.23	445.50	562.53
41	NRRI, Cuttack	13.50	23.90	0.00	0.00	0.00	0.00	1000.00	1120.00	1013.50	1143.90
42	IGFRI, Jhansi	0.00	9.50	0.00	0.00	20.60	22.47	239.50	308.78	260.10	340.75
43	DRMR, Bharatpur	0.00	0.00	0.00	0.00	0.00	0.00	940.00	985.00	940.00	985.00
44	IISR, Indore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	10.00



S. No.	Centre	Breeder seed		Foundation seed		Certified seed		Truthfully labelled seed		Grand Total	
		Target	Production	Target	Production	Target	Production	Target	Production	Total	Production
45	DGR, Junagadh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	CAZRI, Jodhpur	0.00	0.00	0.00	0.00	0.00	0.00	105.00	109.93	105.00	109.93
47	CICR, Nagpur	0.00	0.00	0.00	0.00	186.00	259.20	32.00	41.32	218.00	300.52
48	IIR, Hyderabad	0.00	0.00	7.00	14.57	0.00	0.00	92.80	123.30	99.80	137.87
49	IIRR, Hyderabad	0.00	0.00	0.00	0.00	0.00	0.00	295.00	342.00	295.00	342.00
50	IIMR, Hyderabad	38.00	72.00	0.00	0.00	647.00	15280.00	180.00	496.00	865.00	15848.00
51	SBI, Coimbatore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	IISS, Mau	0.00	0.00	297.75	2297.65	186.75	191.00	141.25	80.00	625.75	2568.65
53	IIMR, Ludhiana	32.25	34.25	10.00	11.00	550.00	720.00	655.00	595.00	1247.25	1360.25
54	CCARI, Goa	0.00	0.00	15.00	13.00	0.00	0.00	118.00	106.50	133.00	119.50
55	CIARI, Port Blair	2.01	1.75	0.00	0.00	0.00	0.00	62.74	52.27	64.75	54.02
56	VSI, Pune	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	UAS, Raichur	0.00	58.70	16095.00	14366.75	7668.00	4372.10	1215.00	762.00	24978.00	19559.55
58	RVSKVV, Gwalior	0.00	3.20	0.00	590.20	3112.00	7878.50	0.00	0.00	3112.00	8471.90
59	BAU, Sabour	0.00	325.00	2325.00	2820.22	1740.00	2164.50	55.00	195.15	4120.00	5504.87
60	PAJANCOA & RI, Karaikal	0.00	0.00	255.00	355.00	20.00	30.00	230.00	320.90	505.00	705.90
61	UAHS, Shivamogga	0.00	0.00	465.00	377.00	10600.00	9254.00	50.00	20.00	11115.00	9651.00
62	ICAR-RC, Manipur	101.00	459.65	400.00	561.04	935.50	1528.72	2382.00	9860.93	3818.50	12410.34
63	ANGRAU, Guntur	0.00	114.90	5120.40	5554.31	0.00	0.00	20.00	24.00	5140.40	5693.21
	<b>Grand Total</b>	<b>6475.83</b>	<b>16201.52</b>	<b>111451.66</b>	<b>138337.29</b>	<b>161371.25</b>	<b>180804.87</b>	<b>64444.62</b>	<b>87492.26</b>	<b>343743.36</b>	<b>422835.94</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*



**Table 4: Summary of centre-wise planting material's production**

S. No.	Centre	Planting material (q)		Planting material (lakhs)		Tissue culture plantlets (lakhs)	
		Target	Production	Target	Production	Target	Production
1	SKUAS & T, Jammu	-	-	0.85	0.87	-	-
2	CSKHPKV, Palampur	-	-	5.00	6.73	-	-
3	PAU, Ludhiana	3250.00	3425.00	-	-	-	0.11
4	CCSHAU, Hisar	2570.00	3067.83	-	-	-	-
5	GBPUA & T, Pantnagar	4500.00	7000.00	-	-	-	-
6	AAU, Jorhat	-	-	10.00	19.80	-	-
7	BAU, Ranchi	-	700.00	-	-	-	-
8	UBKV, Pundibari	-	-	1.04	0.45	-	-
9	OUA&T, Bhubaneshwar	-	-	0.87	0.87	4.00	4.00
10	MPUAT, Udaipur	-	-	0.75	0.64	-	-
11	Anand A.U. Anand	-	-	2.00	2.00	-	-
12	Junagarh A.U. Junagarh	-	700.00	-	-	0.15	0.13
13	Navsari A.U. Navsari	1600.00	2350.00	0.50	0.60	0.25	0.07
14	IGKV, Raipur	-	-	-	-	-	4.00
15	JNKVV, Jabalpur	-	-	1.09	1.15	-	-
16	VNMKV, Parbhani	-	-	-	-	0.01	0.01
17	MPKV, Rahuri	-	-	55.90	50.41	-	-
18	KKV, Dapoli	-	-	3.00	2.40	0.15	0.15
19	UAS, Bengaluru	-	764.44	-	0.56	-	1.68
20	UAS, Dharwad	7900.00	4000.00	-	-	-	-
21	PJTSAU, Hyderabad	-	-	1.00	1.00	-	-
22	TNAU, Coimbatore	600.00	653.99	0.90	0.96	-	-
23	IARI, New Delhi	-	-	0.20	0.25	-	-
24	IISR, Lucknow	8000.00	9000.00	-	-	-	-
25	CRIJAF, Barrackpore	50.00	60.00	0.500	1.00	-	-
26	IGFRI, Jhansi	-	-	5.00	7.20	-	-
27	CAZRI, Jodhpur	-	-	0.50	0.45	-	-
28	SBI, Coimbatore	22400.00	30254.75	0.00	0.00	0.50	0.73
29	VSI, Pune	-	-	105.25	79.38	-	-
30	BAU, Sabour	-	-	-	2.10	-	1.29
31	PAJANCOA & RI, Karaikal	-	-	0.05	0.10	-	-
	<b>Grand Total</b>	<b>50870.00</b>	<b>61976.01</b>	<b>193.55</b>	<b>178.05</b>	<b>5.06</b>	<b>12.17</b>



## HRD/Capacity Building

Having a mandate of Human Resource Development in seed domain, various modules of trainings have been carried out by varied cooperating centres to cater the need of seed producing personnel including farmers, trainers and employees (field staff) of State Seed Certification Agency/ State Seed Corporation/ Seed Producer Companies and NGOs. Trainings were mainly focused on seed production, processing, storage, packaging, quality enhancement, quality control and seed health management. According to crop season, need and type of beneficiary, trainings were imparted under ICAR Seed Project on regular basis under Human Resource Development (HRD) component. Special training programmes on quality seed production for farmers of tribal areas were also initiated under Tribal Sub Plan component in selected cooperating centres across the country.

In-toto 358 trainings/field days were organized for varied stakeholders during the year 2018-19. Similarly 87 Exhibitions/Kisanmelas/KisanGoshtis were organized on diverse themes related to seed by different cooperating centres across the country.

### Capacity building programmes (HRD) under ICAR Seed Project

S. No.	Center	No. of Training/ Field day / Seed day	No. of Beneficiaries	No. of Exhibition/ KisanMela/ KisanGoshti	No. of Beneficiaries	Publication	Award
1	SKUAS & T, Srinagar	14	512	2	3150	4	1
2	SKUAS & T, Jammu	2	80	-	-	1	-
3	CSKHPKV, Palampur	11	873	-	-	5	-
4	PAU, Ludhiana	3	145	14	80000	2	-
5	CCSHAU, Hisar	-	-	2	55000	2	1
6	SVPUA & T, Meerut	6	330	3	15802	6	1
7	GBPUA & T, Pantnagar	-	-	-	-	-	-





S. No.	Center	No. of Training/ Field day / Seed day	No. of Beneficiaries	No. of Exhibition/ KisanMela/ KisanGoshti	No. of Beneficiaries	Publication	Award
8	NDUA & T, Faizabad	-	-	1	2000	3	-
9	CSAUA & T, Kanpur	4	680	1	5000	6	-
10	BHU, Varanasi	10	322	1	230	2	-
11	AAU, Jorhat	6	191	-	-	-	-
12	BAU, Ranchi	5	87	1	1200	4	-
13	RPCAU, Pusa	2	106	2	2000		-
14	BCKVV, Nadia	7	642	2	2800	5	-
15	UBKV, Pundibari	16	846	1	500		-
16	OUA&T, Bhubaneshwar	3	300	-	-	3	-
17	SKRAU, Bikaner	-	-	-	-	2	-
18	MPUAT, Udaipur	6	150	-	-	-	-
19	SDAU, S.K. Nagar	1	300	-	-	-	-
20	Anand A.U. Anand	11	412	1	2000		-
21	Junagarh A.U. Junagarh	2	2480	-	-	4	-
22	Navsari A.U. Navsari	8	784	-	-	-	-
23	IGKVV, Raipur	2	90	1	502	4	-
24	JNKVV, Jabalpur	2	2540	1	3500	-	1
25	VNMKV, Parbhani	3	292	3	7100	-	-
26	MPKVV, Rahuri	-	-	1	2726	2	
27	PDKV, Akola	11	977	3	253050	3	1
28	KKV, Dapoli	8	535	3	858	-	-
29	UAS, Bengaluru	9	1017	-	-	21	-
30	UAS, Dharwad	7	635	2	1010000	7	-
31	PJTSAU, Telangana	4	315	1	2000	5	-



S. No.	Center	No. of Training/ Field day / Seed day	No. of Beneficiaries	No. of Exhibition/ KisanMela/ KisanGoshti	No. of Beneficiaries	Publication	Award
32	TNAU, Coimbatore	6	427	1	1500	11	3
33	KAU, Trissur	6	475	1	750	2	-
34	CAU, Imphal	5	323	-	-	-	-
35	IARI, New Delhi	10	20	2	560	2	-
36	IIWBR, Karnal	4	1357	1	1200	2	-
37	VPKAS, Almora	4	134	5	1043	-	-
38	IIPR, Kanpur	3	450	-	-	-	1
39	IISR, Lucknow	-	-	-	-	-	-
40	CRIJAF, Barrackpore	3	285	1	50	3	1
41	NRRI, Cuttack	2	130	-	-	-	-
42	IGFRI, Jhansi	2	45	1	250	1	-
43	DRMR, Bharatpur	3	1050	-	-	1	-
44	IISR, Indore	-	-	-	-	1	-
45	DGR, Junagadh	-	-	1	250	1	-
46	CAZRI, Jodhpur	1	134	-	-	-	-
47	CICR, Nagpur	10	868	1	2000	3	-
48	IIOR, Hyderabad	14	3353	14	2350	5	-
49	IIRR, Hyderabad	3	1400	-	-	-	-
50	IIMR, Hyderabad	3	82	-	-	1	1
51	SBI, Coimbatore	4	520	-	-	-	-
52	IISS, Mau	15	949	3	415	-	-
53	IIMR, Ludhiana	4	521	-	-	-	-
54	CCARI, Goa	4	260	-	-	-	-
55	CIARI, Port Blair	7	355	-	-	-	-

S. No.	Center	No. of Training/ Field day / Seed day	No. of Beneficiaries	No. of Exhibition/ KisanMela/ KisanGoshti	No. of Beneficiaries	Publication	Award
56	VSI, Pune	9	2019	1	1190	1	-
57	UAS, Raichur	12	950	2	610	13	1
58	RVSKVV, Gwalior	3	243	-	-	-	-
59	BAU, Sabour	-	-	-	-	-	-
60	PAJANCOA & RI, Karaikal	8	361	-	-	2	1
61	UAHS, Shivamogga	3	9500	1	90000	-	-
62	ICAR-RC, Manipur	47	7760	5	2652	2	1
63	ANGRAU, Guntur	-	-	1	230	4	-
<b>Total</b>		<b>358</b>	<b>49612</b>	<b>87</b>	<b>1554468</b>	<b>146</b>	<b>14</b>



Off-Campus training on quality seed production of pulses:  
NAU, Navsari



'Parvatiy Fasalo ka Bijotpadan evam Krushigat Udyam' Kaushal evam Udyamita Vikas Prashikshan Karyakram: VPKAS, almora



## Financial Statement

During the financial year 2018-19, this project was implemented in 63 cooperating centres, which include 40 SAU's, 22 ICAR institutes and one non ICAR institute. An amount of Rs. 677.50 lakh was released for the year 2018-19, of which Rs. 46.00 lakh for non-recurring contingency component, whereas under recurring contingency component, Rs. 67.75 lakh was allocated for travelling allowance, Rs. 85.45 lakh for Human Resource Development (HRD), Rs. 455.80 lakh for Operational & Research Contingency component and Rs. 22.50 lakh was allocated for Tribal Sub Plan (TSP).

### State - wise/ centre - wise release of fund and its expenditure

Funds released & expenditure incurred during X, XI, XII plan periods & 2017-18 and fund release of the year 2018-19 under ICAR Seed Project "Seed Production in Agricultural Crops"

(Rs. in lakh)

S. No.	Centre	Fund released					Expenditure			
		X Plan	XI Plan	XII Plan	2017-18	2018- 19	X plan	XI plan	XII plan	2017- 18
1	<b>Andhra Pradesh</b>									
	1. ANGRAU, Guntur	-	-	-	11.50	31.00	-	-	-	3.08
	<b>Total</b>	-	-	-	<b>11.50</b>	<b>31.00</b>	-	-	-	<b>3.08</b>
2	<b>Andaman &amp; Nicobar Islands</b>									
	1. CIARI, Port Blair	78.20	67.08	32.50	9.50	7.65	38.48	27.42	20.97	4.19
	<b>Total</b>	<b>78.20</b>	<b>67.08</b>	<b>32.50</b>	<b>9.50</b>	<b>7.65</b>	<b>38.48</b>	<b>27.42</b>	<b>20.97</b>	<b>4.19</b>
3	<b>Bihar</b>									
	1. RPCAU, Pusa	289.00	113.00	41.10	1.65	0.00	125.71	253.98	28.09	0.00
	2. BAU, Sabour	-	-	48.81	11.75	10.75	-	-	36.51	6.64
	<b>Total</b>	<b>289.00</b>	<b>113.00</b>	<b>89.91</b>	<b>13.40</b>	<b>10.75</b>	<b>125.71</b>	<b>253.98</b>	<b>64.60</b>	<b>6.64</b>
4	<b>Chhattisgarh</b>									



	1. IGKV, Raipur	433.10	107.58	58.95	12.00	11.00	389.72	98.51	44.28	12.00
	<b>Total</b>	<b>433.10</b>	<b>107.58</b>	<b>58.95</b>	<b>12.00</b>	<b>11.00</b>	<b>389.72</b>	<b>98.51</b>	<b>44.28</b>	<b>12.00</b>
5	<b>Delhi</b>									
	1. IARI, New Delhi	469.00	207.28	43.10	12.50	11.00	461.92	180.63	43.94	12.78
	<b>Total</b>	<b>469.00</b>	<b>207.28</b>	<b>43.10</b>	<b>12.50</b>	<b>11.00</b>	<b>461.92</b>	<b>180.63</b>	<b>43.94</b>	<b>12.78</b>
6	<b>Gujarat</b>									
	1. AAU, Anand	432.36	70.73	49.00	11.00	10.50	328.30	169.22	43.15	8.30
	2. JAU, Junagadh	453.86	103.99	62.40	13.00	11.75	372.61	184.20	59.91	11.61
	3. NAU, Navsari	317.06	107.98	65.50	12.00	11.75	296.58	128.13	48.91	9.80
	4. SDAU, S.K. Nagar	481.90	86.59	38.85	1.65	6.00	466.06	65.50	24.46	0.00
	5. DGR, Junagadh	78.70	86.78	29.00	9.25	8.4	22.74	24.98	27.92	7.88
	<b>Total</b>	<b>1763.88</b>	<b>456.07</b>	<b>244.75</b>	<b>46.90</b>	<b>48.40</b>	<b>1486.30</b>	<b>572.03</b>	<b>204.36</b>	<b>37.59</b>
7	<b>Goa</b>									
	1. CCARI, Goa	67.71	37.50	30.10	9.50	9.15	53.60	27.63	26.14	7.36
	<b>Total</b>	<b>67.71</b>	<b>37.50</b>	<b>30.10</b>	<b>9.50</b>	<b>9.15</b>	<b>53.60</b>	<b>27.63</b>	<b>26.14</b>	<b>7.36</b>
8	<b>Himachal Pradesh</b>									
	1. CSKHPKV, Palampur	252.90	165.25	40.75	10.75	10.00	252.90	164.99	37.13	10.24
	<b>Total</b>	<b>252.90</b>	<b>165.25</b>	<b>40.75</b>	<b>10.75</b>	<b>10.00</b>	<b>252.90</b>	<b>164.99</b>	<b>37.13</b>	<b>10.24</b>
9	<b>Haryana</b>									
	1. CCS HAU, Hissar	584.52	111.03	45.00	10.75	9.00	579.81	104.62	23.37	3.67
	2. IIWBR, Karnal	33.80	68.57	27.85	9.25	8.4	33.64	58.98	22.14	7.41
	<b>Total</b>	<b>618.32</b>	<b>179.60</b>	<b>72.85</b>	<b>20.00</b>	<b>17.40</b>	<b>613.45</b>	<b>163.60</b>	<b>45.51</b>	<b>11.08</b>
10	<b>Jharkhand</b>									
	1. BAU, Ranchi	262.20	134.47	68.35	11.50	10.25	262.20	134.19	51.70	0.00
	<b>Total</b>	<b>262.20</b>	<b>134.47</b>	<b>68.35</b>	<b>11.50</b>	<b>10.25</b>	<b>262.20</b>	<b>134.19</b>	<b>51.70</b>	<b>0.00</b>
11	<b>Jammu &amp;</b>									



	<b>Kashmir</b>									
	1. SKUAS&T, Srinagar	332.05	104.52	58.95	3.65	9.25	320.93	115.61	55.42	3.65
	2. SKUAS&T, Jammu	390.15	123.47	78.60	13.00	10.75	390.15	71.34	61.40	13.64
	<b>Total</b>	<b>722.20</b>	<b>227.99</b>	<b>137.55</b>	<b>16.65</b>	<b>20.00</b>	<b>711.08</b>	<b>186.94</b>	<b>116.82</b>	<b>17.29</b>
12	<b>Karnataka</b>									
	1. UAS, Bangalore	572.30	111.29	57.85	11.50	10.25	562.47	104.03	57.72	9.64
	2. UAS, Dharwad	550.50	96.63	82.50	13.00	11.00	393.23	198.28	61.45	9.83
	3. UAS, Raichur	-	-	33.00	11.50	12.25	-	-	32.26	9.17
	4. UAHS, Shivamogga	-	-	10.50	11.50	10.40	-	-	8.63	8.47
	<b>Total</b>	<b>1122.80</b>	<b>207.92</b>	<b>183.85</b>	<b>47.50</b>	<b>43.90</b>	<b>955.70</b>	<b>302.31</b>	<b>160.06</b>	<b>37.11</b>
13	<b>Kerala</b>									
	1. KAU, Thrissur	450.99	56.98	55.34	12.00	9.75	427.57	45.19	82.73	9.50
	<b>Total</b>	<b>450.99</b>	<b>56.98</b>	<b>55.34</b>	<b>12.00</b>	<b>9.75</b>	<b>427.57</b>	<b>45.19</b>	<b>82.73</b>	<b>9.50</b>
14	<b>Maharashtra</b>									
	1. VNMKV, Parbhani	564.70	109.98	71.75	10.50	10.15	567.39	95.40	29.26	5.79
	2. MPKV, Rahuri	601.38	83.69	45.80	10.75	10.25	599.22	78.03	32.49	10.56
	3. PDKV, Akola	433.70	93.59	47.36	10.75	10.25	220.92	301.47	45.47	9.72
	4. KKV, Dapoli	450.20	88.32	70.50	12.75	11.85	432.69	83.61	52.17	10.92
	5. CICR, Nagpur	141.60	129.30	27.10	9.25	7.90	125.32	113.15	7.57	5.19
	6. VSI, Pune	31.30	70.11	46.60	10.25	9.50	31.25	71.46	44.11	11.35
	<b>Total</b>	<b>2222.88</b>	<b>574.99</b>	<b>309.11</b>	<b>64.25</b>	<b>59.90</b>	<b>1976.79</b>	<b>743.11</b>	<b>211.07</b>	<b>53.53</b>
15	<b>Madhya Pradesh</b>									
	1. JNKVV, Jabalpur	626.53	92.32	55.35	12.00	10.25	608.46	103.06	41.64	0.00
	2. RVSKVV, Gwalior	-	-	69.60	12.50	11.00	-	-	52.32	11.50
	3. IISR, Indore	86.95	37.31	38.85	9.75	8.00	82.24	16.14	17.24	8.02



	<b>Total</b>	<b>713.48</b>	<b>129.63</b>	<b>163.80</b>	<b>34.25</b>	<b>29.25</b>	<b>690.70</b>	<b>119.20</b>	<b>111.20</b>	<b>19.52</b>
16	<b>Orissa</b>									
	1. OUAT, Bhubaneshwar	397.28	97.44	73.75	12.00	9.75	333.13	97.21	49.14	4.31
	2. NRRI, Cuttack	282.90	67.98	32.60	9.25	8.40	267.57	64.11	25.11	7.14
	<b>Total</b>	<b>680.18</b>	<b>165.42</b>	<b>106.35</b>	<b>21.25</b>	<b>18.15</b>	<b>600.70</b>	<b>161.32</b>	<b>74.25</b>	<b>11.45</b>
17	<b>Punjab</b>									
	1. PAU, Ludhiana	568.34	139.80	64.50	10.75	10.00	528.89	172.86	58.79	10.74
	2. IIMR, Ludhiana	17.00	36.14	40.55	9.25	8.85	16.86	21.94	37.79	6.17
	<b>Total</b>	<b>585.34</b>	<b>175.94</b>	<b>105.05</b>	<b>20.00</b>	<b>18.85</b>	<b>545.75</b>	<b>194.80</b>	<b>96.58</b>	<b>16.91</b>
18	<b>Puducherry</b>									
	1. PAJANCOA & RI Karaikal	-	-	53.00	13.00	16.75	-	-	50.20	12.29
	<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>53.00</b>	<b>13.00</b>	<b>16.75</b>	<b>0.00</b>	<b>0.00</b>	<b>50.20</b>	<b>12.29</b>
19	<b>Rajasthan</b>									
	1. SKRAU, Bikaner	424.77	178.31	49.00	10.00	3.25	423.69	176.77	23.67	4.56
	2. MPUA&T, Udaipur	486.08	181.04	43.99	9.50	9.25	469.13	164.29	40.05	8.73
	3. DR&MR, Bharatpur	46.50	44.60	40.50	11.25	9.50	38.52	23.87	29.02	7.02
	4. CAZRI, Jodhpur	129.40	135.19	33.00	8.75	8.60	64.65	46.69	20.47	9.79
	<b>Total</b>	<b>1086.75</b>	<b>539.14</b>	<b>166.49</b>	<b>39.50</b>	<b>30.60</b>	<b>995.99</b>	<b>411.62</b>	<b>113.20</b>	<b>30.10</b>
20	<b>Tamil Nadu</b>									
	1. TNAU, Coimbatore	605.00	122.11	57.75	11.00	10.00	599.59	127.52	57.76	11.00
	2. SBI, Coimbatore	53.42	73.21	51.50	11.25	10.30	37.51	56.42	38.94	11.10
	<b>Total</b>	<b>658.42</b>	<b>195.32</b>	<b>109.25</b>	<b>22.25</b>	<b>20.30</b>	<b>637.10</b>	<b>183.94</b>	<b>96.70</b>	<b>22.10</b>
21	<b>Telangana</b>									
	1. PJTSAU,	606.35	143.73	76.35	11.00	10.75	598.34	149.97	73.42	10.54



	Hyderabad									
	2. IIOR, Hyderabad	47.60	83.01	37.50	11.25	10.50	47.76	80.81	34.00	12.86
	3. IIRR, Hyderabad	121.00	55.56	24.80	8.75	8.15	115.65	51.88	22.85	8.79
	4. IIMR, Hyderabad	51.20	103.99	27.60	9.25	8.40	47.43	98.63	23.92	7.75
	<b>Total</b>	<b>826.15</b>	<b>386.29</b>	<b>166.25</b>	<b>40.25</b>	<b>37.8</b>	<b>809.18</b>	<b>381.29</b>	<b>154.20</b>	<b>39.94</b>
22	<b>Uttar Pradesh</b>									
	1. SVPUA&T, Meerut	298.15	57.32	45.25	9.25	8.00	277.84	91.68	37.45	2.76
	2. NDUUA&T, Faizabad	446.15	57.19	24.10	1.65	0.00	360.01	113.82	7.54	0.23
	3. CSAUA&T, Kanpur	544.57	78.00	41.85	10.25	8.50	491.26	69.04	30.45	8.36
	4. BHU, Varanasi	221.22	142.22	43.60	12.55	9.75	161.62	201.82	43.67	12.54
	5. IIPR, Kanpur	104.92	107.14	48.50	9.25	8.40	84.03	17.61	35.17	9.53
	6. IISR, Lucknow	83.75	52.82	33.00	9.25	8.40	83.73	24.07	28.30	9.25
	7. IGFRJ, Jhansi	129.75	47.12	27.60	9.25	3.00	124.50	26.66	20.16	3.70
	8. IISS, Mau	164.35	45.91	41.00	11.00	20.00	164.35	45.91	51.29	0.81
	IISS, Mau (Co-unit)	0.00	0.00	154.30	27.70	36.80	0.00	0.00	55.02	7.36
	<b>Total</b>	<b>1992.86</b>	<b>587.72</b>	<b>459.20</b>	<b>100.15</b>	<b>102.85</b>	<b>1747.33</b>	<b>590.61</b>	<b>309.06</b>	<b>54.54</b>
23	<b>Uttara Khand</b>									
	1. GBPUA&T, Pantnagar	583.12	89.91	48.00	10.25	10.00	582.86	84.98	35.08	8.67
	2. VPKAS, Almora	89.25	69.29	36.10	9.25	8.65	89.25	69.26	33.26	9.25
	<b>Total</b>	<b>672.37</b>	<b>159.20</b>	<b>84.10</b>	<b>19.50</b>	<b>18.65</b>	<b>672.11</b>	<b>154.24</b>	<b>68.35</b>	<b>17.92</b>
24	<b>West Bengal</b>									
	1. BCKV, Mohanpur	209.30	84.63	54.20	10.00	7.5	199.97	100.81	32.62	9.03
	2. UBKV, Pundibari	270.25	145.03	63.00	10.00	7.25	248.16	135.73	73.03	5.70
	3. CRIJAF, Barrackpore	91.15	109.58	33.50	9.25	8.4	77.88	98.89	33.39	4.41





	<b>Total</b>	<b>570.70</b>	<b>339.24</b>	<b>150.70</b>	<b>29.25</b>	<b>23.15</b>	<b>526.01</b>	<b>335.43</b>	<b>139.03</b>	<b>19.14</b>
25	<b>Assam</b>									
	1. AAU, Jorhat	453.18	178.78	79.55	15.00	12.5	435.70	194.20	70.08	14.45
	<b>Total</b>	<b>453.18</b>	<b>178.78</b>	<b>79.55</b>	<b>15.00</b>	<b>12.5</b>	<b>435.70</b>	<b>194.20</b>	<b>70.08</b>	<b>14.45</b>
26	<b>Manipur</b>									
	1. CAU, Imphal	354.42	107.39	68.00	11.50	11.25	120.34	271.69	46.13	11.11
	2. ICAR-RC, NEH Region, Manipur Centre, Imphal	-	-	213.35	44.00	37.25	-	-	156.71	30.76
	<b>Total</b>	<b>354.42</b>	<b>107.39</b>	<b>281.35</b>	<b>55.50</b>	<b>48.50</b>	<b>120.34</b>	<b>271.69</b>	<b>202.84</b>	<b>41.87</b>
<b>Grand total NEH</b>		<b>807.60</b>	<b>286.17</b>	<b>360.90</b>	<b>70.50</b>	<b>61.00</b>	<b>556.04</b>	<b>465.89</b>	<b>272.92</b>	<b>56.32</b>
<b>Grand total Non NEH</b>		<b>16539.43</b>	<b>5213.61</b>	<b>2931.30</b>	<b>637.35</b>	<b>616.50</b>	<b>14980.30</b>	<b>5432.99</b>	<b>2322.07</b>	<b>466.3</b>
<b>Grand total Non NEH &amp; NEH</b>		<b>17347.03</b>	<b>5499.78</b>	<b>3292.20</b>	<b>707.85</b>	<b>677.50</b>	<b>15536.34</b>	<b>5898.88</b>	<b>2595.00</b>	<b>522.62</b>

Note: Statement of Expenditure and AUC from SAUs & ICAR institutes for the amount released during 2018-19 is awaited.

## Centre - wise Seed Production Achievements

**1. Centre :** Sher- e- Kashmir University of Agricultural Sciences & Technology  
of Kashmir (Division of Plant Breeding & Genetics)  
Shalimar Campus, Srinagar 191 121, Jammu & Kashmir

**Nodal Officer:** Dr. M. Ashraf Bhat  
**Prof. & Head, Div. of G&PB**

**Mobile:** 09419782624  
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### Summary

(in quintals)

University/Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1549.00	1565.46	241.00	254.95	1790.00	1820.41
<b>Total</b>	<b>1549.00</b>	<b>1565.46</b>	<b>241.00</b>	<b>254.95</b>	<b>1790.00</b>	<b>1820.41</b>
<b>Planting materials</b>	(in lakh)					
Planting material	-	-	0.85	0.87	0.85	0.87
<b>Total</b>	-	-	<b>0.85</b>	<b>0.87</b>	<b>0.85</b>	<b>0.87</b>
<b>Farmers' field (in quintals)</b>						
Certified seed	2695.00	2727.00	690.00	707.00	3385.00	3434.00
<b>Total</b>	<b>2695.00</b>	<b>2727.00</b>	<b>690.00</b>	<b>707.00</b>	<b>3385.00</b>	<b>3434.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Crop	Variety	Foundation seed	
		Target	Production
<b>Kharif 2018 (Institute)</b>			
<b>Cereals</b>			
Paddy	Shalimar Rice-1	50.00	45.00
	Jhelum	500.00	516.00
	Shalimar Rice-2	100.00	109.00
	Shalimar Rice-3	250.00	236.00
	Shalimar Rice-4	550.00	553.00
	Shalimar Rice-5	10.00	12.00
	K-332	25.00	27.00
Maize	KG-2	5.00	6.00
	Shalimar Maize Composite-4	35.00	38.86



	Shalimar Maize Composite-6	1.00	1.00
	Shalimar Maize Composite-7	15.00	14.10
<b>Pulses</b>			
	Shalimar Moong-1	1.00	1.00
	Shalimar Rajmash-1	1.00	1.50
	Shalimar Rajmash-2	1.00	1.00
	Shalimar Cowpea-1	5.00	4.00
<b>Total</b>		<b>1549.00</b>	<b>1565.46</b>

**Quality seed production at university farms**

(in quintals)

Crop	Variety	Foundation seed	
		Target	Production
<b>Rabi 2018-19 (Institute)</b>			
<b>Cereals</b>			
Wheat	Shalimar wheat-1	4.00	3.50
	Shalimar wheat-2	9.00	9.50
<b>Pulses</b>			
Pea	Shalimar Pea-1	15.00	15.50
Lentil	Shalimar Massor-1	1.00	1.00
	Shalimar Massor-2	1.00	1.50
<b>Oil seeds</b>			
Brown sarson	KS-101	55.00	55.70
	Shalimar Sarson-1	1.00	0.90
<b>Forage crops</b>			
Oats	Sabazar	75.00	77.00
	Shalimar Fodder Oats-1	30.00	34.80
	Shalimar Fodder Oats-2	25.00	27.55
	Shalimar Fodder Oats-3	25.00	28.00
<b>Total</b>		<b>241.00</b>	<b>254.95</b>

<b>Rabi 2018-19</b>	<b>Planting material (in Lakhs)</b>	
<b>Crops</b>	<b>Target</b>	<b>Production</b>
Planting material (setts)	0.85	0.87



## Quality seed production at farmer's field

(in quintals)

Crop	Variety	Certified seed	
		Target	Production
<b>Kharif 2018 (PSP)</b>			
<b>Cereals</b>			
Paddy	Jhelum	300.00	320.00
	ShalimarRice-2	500.00	490.00
	Shalimar Rice-3	800.00	780.00
	Shalimar Rice-4	1000.00	1040.00
Maize	Shalimar Maize Composite-7	40.00	39.00
	C-15	10.00	11.00
	Shalimar Maize Composite-4	45.00	47.00
<b>Total</b>		<b>2695.00</b>	<b>2727.00</b>

(in quintals)

Crop	Variety	Certified seed	
		Target	Production
<b>Rabi 2018-19 (PSP)</b>			
<b>Cereals</b>			
Wheat	Shalimar Wheat-1	35.00	38.00
	Shalimar Wheat-2	200.00	195.00
	HS-240	40.00	45.00
<b>Oil seeds</b>			
Brown sarson	KS-101	150.00	155.00
	SBS-1	15.00	17.00
<b>Forage crops</b>			
Oats	Sabazar	200.00	210.00
	Shalimar Fodder Oats-1	50.00	47.00
<b>Total</b>		<b>690.00</b>	<b>707.00</b>



**2. Centre :** Sher -e- Kashmir University of Agricultural Sciences & Technology-Jammu (Division of Division of Agronomy, Faculty of Agriculture)  
**Main Campus Chatha, Jammu 180009**

**Nodal Officer:** Dr. Pardeep Wali  
 Associate Director Research & Nodal Officer

**Mobile:** 09419143057  
 Dr. Anjani Kumar Singh (Scientist PB&G)  
 09419171123

**Fax:** 0191- 2262083 (0)

**E-mail:** megaseedskuastj@gmail.com ; anjaniari@yahoo.co.in

**Summary**

**(in quintals)**

University/Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	197.00	207.00	200.00	200.00	397.00	407.00
Certified seed	-	-	200.00	250.00	200.00	250.00
Truthfully labelled seed	-	-	50.00	50.00	50.00	50.00
<b>Total</b>	<b>197.00</b>	<b>207.00</b>	<b>450.00</b>	<b>500.00</b>	<b>647.00</b>	<b>707.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at university farms**

**(in quintals)**

Crop	Variety	Foundation seed	
		Target	Production
<b>Kharif 2018 (Institute)</b>			
<b>Cereals</b>			
<b>Paddy</b>	Basmati 370	100.00	100.00
	K 39	40.00	50.00
	K 448	50.00	50.00
<b>Pulses</b>			
Urdbean	PU 31	7.00	7.00
<b>Total</b>		<b>197.00</b>	<b>207.00</b>

(in quintals)

<i>Rabi</i> 2018-19 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production	Target	Production
Cereals							
Wheat	WH 1080	200.00	200.00	-	-	-	-
	HD 3086	-	-	200.00	250.00	-	
Oats	Sabjar	-	-	-	-	50.00	50.00
<b>Total</b>		<b>200.00</b>	<b>200.00</b>	<b>200.00</b>	<b>250.00</b>	<b>50.00</b>	<b>50.00</b>

**3. Centre :** CSK Himachal Pradesh Krishi Vishvavidyalaya  
Palampur 176 062, Himachal Pradesh  
(Department of Seed Science & Technology)

**Nodal Officer:** Dr. R K Kapila  
**Officer:** Nodal Officer (Seed)  
**Mobile:** 09418101452/07018370171  
**Phone:** 01894-230387  
**Fax:** 01894- 230406  
**E-mail:** rkkapila@gmail.com

## Summary

(in quintals)

University/Institute farm						
Particulars	<i>Kharif</i> 2018		<i>Rabi</i> 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	72.30	78.61	101.15	116.76	173.45	195.37
<b>Total</b>	<b>72.30</b>	<b>78.61</b>	<b>101.15</b>	<b>116.76</b>	<b>173.45</b>	<b>195.37</b>
Planting materials	(in lakh)					
Planting material	5.00	6.73	-	-	5.00	6.73
<b>Total</b>	<b>5.00</b>	<b>6.73</b>	<b>0.00</b>	<b>0.00</b>	<b>5.00</b>	<b>6.73</b>
<b>Farmers' field</b>	(in quintals)					
Truthfully labelled seed	1046.30	1234.37	3215.00	3593.00	4261.30	4827.37
<b>Total</b>	<b>1046.30</b>	<b>1234.37</b>	<b>3215.00</b>	<b>3593.00</b>	<b>4261.30</b>	<b>4827.37</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*



Quality seed production at university farms

(in quintals)

<i>Kharif 2018 (Institute)</i>		Foundation seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Maize	BajMakka	2.00	2.20
Paddy	HPR 2720	2.50	3.00
	HPR 2795	2.00	2.00
<b>Pulses</b>			
Mash	Palampur 93	0.10	0.10
	Him Mash 1	20.00	21.66
	Pant U 19		
	UG 218	5.00	5.96
	PB 114	8.00	8.45
Mung	T9	5.00	5.66
	Suketi	0.40	0.40
	SML 668	0.50	0.95
Rajmash	IPM-02-3	0.10	0.02
	Him 1	1.00	1.42
	Kanchan	1.00	0.96
Cowpea	C475/H Lobia1	0.50	0.53
	C519/ H Lobia2	0.10	0.18
Arhar	Sarita	0.10	0.10
<b>Oilseeds</b>			
Soybean	Hara Soya	10.00	10.00
	Palam Soya	3.00	3.50
	Shivalik	1.00	1.00
	P Early Soya1	0.50	0.30
	Him Plalam Hara Soya 1	7.00	7.50
Til	LTK 4	1.00	1.00
	PunjabTil 2	1.50	1.72
	<b>Total</b>	<b>72.3</b>	<b>78.61</b>

(in quintals)

Crop	Variety	Foundation seed	
		Target	Production
<b>Rabi 2018-19 (Institute)</b>			
<b>Cereals</b>			
Wheat	HPW 360	5.00	6.00
	HPW 368	30.00	33.50
	HS 562	1.00	1.00
Barley	HBL 713	2.50	4.50
<b>Pulses</b>			
Gram	HC 2	4.00	4.00
	HPG 17	5.00	5.00
	GPF 2	4.00	4.50
	Aman 515	25.00	30.00
Lentil	Vipasha	4.00	4.00
	Markanday	2.50	4.00
<b>Oilseeds</b>			
B Sarson	KBS 3	2.00	2.40
	HPBS 1		
G.Sarson	Neelam	1.00	1.00
	ONK 1	4.00	4.20
	GSC 7	3.00	3.50
Linseed	Nagarkot		
	Himani	3.00	3.00
<b>Forage crops</b>			
Oats	Palampur1	5.00	6.00
	Kent		
W. Clover	Plp. Comp.	0.10	0.12
	Fescue grass	0.05	0.04
<b>Total</b>		<b>101.15</b>	<b>116.76</b>

**Planting material**

(in lakhs)

Crops	Variety	Planting material	
		Target	Production
<b>Kharif 2018</b>			
SetariaGrassRootslips		2.00	2.05
Tall Fescue GrassRootslips		1.00	1.84
Napier BajraHybridRootslips		2.00	2.84
<b>Total</b>		<b>5.00</b>	<b>6.73</b>



**Quality seed production at farmer's field**

**(in quintals)**

Crop	Variety	Truthfully labelled seed	
		Target	Production
<b>Kharif 2018 PSP</b>			
<b>Cereals</b>			
Maize	Ratti & Hachhi (Farmer vars)	150.00	150.00
	HPR 2612	125.00	150.00
	Pusa 1121	35.00	40.00
	Pusa 1509	25.00	30.00
	Red Rice Karad (Farmer var.)	25.00	25.00
<b>Pulses</b>			
Mash	UG 218	250.00	328.25
	Him Mash 1	100.00	124.88
	Palampur 93	50.00	62.00
	Mash 114	125.00	140.16
Rajmash	Him 1	15.00	18.00
	Kanchan	10.00	9.50
	Chamba Local (Farmer var.)	15.00	15.00
Cowpea	C475/Him Lobia 1	30.00	35.00
<b>Oilseeds</b>			
Sesamum	Punjab Til 2	50.00	50.00
Soybean	Hara soya	10.00	15.00
	Hara Soya 1	30.00	40.00
<b>Forage Crops</b>			
Oats	Palampur 1	1.00	1.20
Setaria	PSS 1	0.25	0.35
Fescue	Hima 4	0.05	0.03
<b>Total</b>		<b>1046.30</b>	<b>1234.37</b>



(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	HS 542	100.00	107.00
	HS 562	400.00	421.00
	HPW 349	400.00	396.00
	HPW 360	10.00	12.00
	HPW 368	700.00	780.00
	HS 507	100.00	150.00
	HD 3086	200.00	230.00
Barley	HBL 713	15.00	16.00
<b>Pulses</b>			
Lentil	Vipasha	80.00	81.00
	Markandey	30.00	32.00
Gram	HC 1	90.00	94.00
	HC 2	100.00	121.00
	GPF 2	10.00	15.00
	CSJ 515	200.00	215.00
	HPG 17	20.00	20.00
	GNG 1581	200.00	210.00
<b>Oilseeds</b>			
Toria	Bhawani	80.00	85.00
B. Sarson	KBS 3	30.00	35.00
G. Sarson	Neelam	150.00	175.00
	GSC7	100.00	148.00
	ONK 1	150.00	175.00
<b>Forage Crops</b>			
Oats	Plp1	50.00	75.00
<b>Total</b>		<b>3215.00</b>	<b>3593.00</b>



**4. Centre :** Punjab Agricultural University, Ludhiana, Punjab  
**Nodal** Dr. Tarsem Singh Dhillon  
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**Summary**

(in quintals)

University/Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	892.00	1304.70	3650.00	5373.00	4542.00	6677.70
Certified seed	15449.90	16152.80	25781.00	26581.00	41230.90	42733.80
Truthfully labelled seed	4793.20	5070.18	1809.50	1850.50	6602.70	6920.68
Planting material	-	-	3250.00	3425.00	-	-
<b>Total</b>	<b>21135.10</b>	<b>22527.68</b>	<b>31240.50</b>	<b>33804.50</b>	<b>52375.60</b>	<b>56332.18</b>
<b>Planting materials</b>	(in lakh)					
Tissue culture	-	-	-	0.11	0.00	0.11
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.11</b>	<b>0.00</b>	<b>0.11</b>
<b>Farmers' field</b>	(in quintals)					
Certified seed	250.00	250.00	410.00	460.00	660.00	710.00
<b>Total</b>	<b>250.00</b>	<b>250.00</b>	<b>410.00</b>	<b>460.00</b>	<b>660.00</b>	<b>710.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at university farms**

(in quintals)

Crop	Variety	Foundation seed		Certified seed		Truthfully labelled seed	
		Target	Prod.	Target	Prod.	Target	Prod.
<b>Kharif 2018 (Institute)</b>							
<b>Cereals</b>							
Paddy	PR 113	100.00	270.00	-	-	-	-
	PR 114	100.00	196.00	2000.00	2040.00	10.00	11.80



	PR 121	200.00	221.00	5000.00	5464.00	100.00	123.00
	PR 122	90.00	93.00	2500.00	2544.00	-	-
	PR 123	20.00	20.00	20.00	20.00	-	-
	PR 124	40.00	48.60	500.00	556.00	-	-
	PR 126	70.00	79.00	1200.00	1280.00	500.00	566.00
	PR 127	-	-	-	-	2500.00	2558.00
	Pusa Bas 1121	50.00	120.00	2300.00	2300.00	30.00	34.00
	Pusa Bas 1509	50.00	73.00	700.00	716.00	150.00	170.00
	Pusa Bas 1637	-	-	-	-	200.00	270.00
	Pusa Bas 1718	-	-	-	-	470.00	470.00
	Pb Bas. No. 2	-	-	-	-	7.00	7.50
	Pb Bas. No. 3			7.00	7.10	-	-
	Pb Bas. No. 4	-	-	-	-	35.00	35.70
	Pb Bas. No. 5	-	-	-	-	30.00	34.50
Maize	PMH 1	-	-	-	-	200.00	200.00
	PMH 10	-	-	-	-	47.00	47.00
	PMH 11	-	-	-	-	8.00	8.90
	Pearl PC	-	-	-	-	2.00	2.10
	Pb Sweet Corn1	-	-	-	-	2.00	2.30
	Megha	-	-	-	-	1.50	1.50
<b>Pulses</b>							
Mung bean	SML 832	10.00	10.00	35.00	34.00	7.00	7.80
	SML 1827	-	-	-	-	9.00	9.00
	ML 2056	-	-	-	-	5.00	5.00
Mash	Mash 114	15.00	17.00	140.00	143.00	-	-



	Mash 338	-	-	1.00	1.00	-	-
	Mash 1008	2.50	2.60	1.20	1.20	23.00	23.00
Pigeonpea	PAU 881	1.00	1.70	10.00	10.80	-	-
	AL 882	-	-	-	-	28.00	28.00
<b>Oilseeds</b>							
Til	Pb. Til No. 2	-	-	1.20	1.20	2.50	2.50
Soybean	SL 958	2.50	2.50	8.50	8.50		
<b>Fibre crops</b>							
Cotton	FDK 124	-	-	-	-	30.00	31.00
	LD 949	-	-	-	-	8.00	9.00
	LD 1019	-	-	-	-	8.00	8.38
	F 2228	-	-	-	-	20.00	50.00
	F 2383	-	-	-	-	2.00	2.20
	PAUBt1	-	-	-	-	200.00	200.00
Sunhemp	PAU 1691	-	-	-	-	110.00	110.00
<b>Forage crops</b>							
F. Maize	J 1006	140.00	149.00	985.00	985.00	13.00	13.80
Bajra	FBC 16	1.00	1.30	41.00	41.00	11.00	11.00
	PCB 164	-	-	-	-	1.80	1.80
Guinea grass	PGG 518	-	-	-	-	3.40	3.40
Guara	HG 365	-	-	-	-	12.00	12.00
	G 80	-	-	-	-	3.00	3.00
Cowpea	CL 367	-	-	-	-	4.00	4.30
<b>Total</b>		<b>892.00</b>	<b>1304.70</b>	<b>15449.90</b>	<b>16152.80</b>	<b>4793.20</b>	<b>5070.18</b>

(in quintals)

Crop	Variety	Foundation seed		Certified seed		Truthfully labelled seed	
		Target	Prod.	Target	Prod.	Target	Prod.
<b>Rabi 2018-19 (Institute)</b>							
<b>Cereals</b>							
Wheat	PBW 658	20.00	60.00	160.00	160.00	210.00	210.00
	PBW 660	24.00	24.00	-	-	-	-
	PBW	200.00	220.00	2000.00	2000.00	-	-



	677						
	PBW 725	200.00	250.00	3100.00	3100.00	-	-
	WH 1105	200.00	220.00	1400.00	1430.00	-	-
	HD 2967	300.00	330.00	3500.00	3700.00	-	-
	HD 3086	500.00	840.00	6000.00	6090.00	-	-
	PBW 1 Zn	100.00	100.00	800.00	810.00	190.00	190.00
	Unnat PBW 343	1000.00	1760.00	7500.00	7840.00	200.00	200.00
	Unnat PBW 550	1000.00	1450.00	500.00	550.00	750.00	750.00
Barley	PL 426	30.00	30.00	8.00	8.00	-	-
	PL 807	-	-	-	-	20.00	40.00
<b>Pulses</b>							
Gram	GPF 2	10.00	10.00	60.00	60.00	-	-
	PBG 5	-	-	-	-	20.00	20.00
	PBG 7	6.00	6.00	300.00	350.00	-	-
	L 552	-	-	-	-	2.50	2.50
Lentil	LL 699	1.00	3.00	7.00	7.00	-	-
	LL 931	1.00	3.00	30.00	40.00	15.00	15.00
<b>Oilseeds</b>							
Gobhi Sarson	GSC 6	1.00	1.00	-	-	20.00	20.00
	GSC 7	1.00	5.00	100.00	100.00	20.00	20.00
A. Sarson	PC 6	-	-	-	-	20.00	20.00
Linseed	LC 2063	-	-	4.00	4.00	-	-
Raya	PBR 91	-	-	12.00	12.00	-	-
	PBR 97	-	-	5.00	5.00	-	-
	PBR 357	-	-	5.00	5.00	18.00	18.00
	RLC 3	-	-	-	-	25.00	25.00
	Giriraj	-	-	-	-	15.00	25.00
Toria	TL 17	-	-	-	-	20.00	20.00
Taramira	TMLC 2	-	-	-	-	10.00	13.00
Sunflower	PSH 1962	-	-	-	-	10.00	15.00
<b>Forage Crops</b>							
Berseem	BL 10	6.00	6.00	120.00	140.00	5.00	5.00
	BL 42	10.00	15.00	110.00	110.00	4.00	4.00
	BL 43	-	-	-	-	80.00	80.00
Metha	M 150	-	-	-	-	20.00	22.00
Oats	Kent	20.00	20.00	30.00	30.00	-	-
	OL 10	20.00	20.00	30.00	30.00	50.00	50.00
	OL 11	-	-	-	-	60.00	60.00
Rye Grass	PBRG 1	-	-	-	-	25.00	26.00
<b>Total</b>		<b>3650.0</b>	<b>5373.00</b>	<b>25781.0</b>	<b>26581.0</b>	<b>1809.50</b>	<b>1850.50</b>



**Planting material**

Crops	Variety	Planting material (in quintals)		Tissue culture plantlets (in lakhs)	
		Target	Production	Target	Production
<b>Rabi 2018-19</b>					
Sugercane	CoJ 85	300.00	340.00	<b>0.00</b>	<b>0.11</b>
	Co 118	500.00	510.00		
	CoJ 64	300.00	325.00		
	CoPb 91	550.00	560.00		
	CoPb 92	400.00	430.00		
	CoPb 93	750.00	790.00		
	CoPb 94	450.00	470.00		
<b>Total</b>		<b>3250.00</b>	<b>3425.00</b>	<b>0.00</b>	<b>0.11</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 (PSP)</b>		Certified seed	
		Target	Production
<b>Pulses</b>			
Mung bean	SML 832	250.00	250.00
<b>Total</b>		<b>250.00</b>	<b>250.00</b>

(in quintals)

<b>Rabi 2018-19 (PSP)</b>		Certified seed	
		Target	Production
<b>Cereals</b>			
Wheat	PBW 677	400.00	450.00
<b>Forage Crops</b>			
Berseem	BL 42	10.00	10.00
<b>Total</b>		<b>410.00</b>	<b>460.00</b>

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## Summary

(in quintals)

University/ Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	36.40	42.05	2948.00	3155.00	2984.40	3197.05
Certified seed	64.00	73.60	8750.00	8965.00	8814.00	9038.60
Truthfully labelled seed	155.00	161.35	2036.00	2240.00	2191.00	2401.35
Planting material	2570.00	3067.83	-	-	-	-
<b>Total</b>	<b>255.40</b>	<b>277.00</b>	<b>13734.00</b>	<b>14360.00</b>	<b>13989.40</b>	<b>14637.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

## Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production	Target	Production
<b>Cereals</b>							
Pearlmillet	HHB-197	0.00	0.00	0.00	0.00	15.00	16.35
<b>Pulses</b>							
Moong	MH-421	23.00	25.00	24.00	25.50	98.00	99.50
<b>Forage crops</b>							
Guar	HG-563	3.00	4.50	15.00	18.00	0.00	0.00
	HG-365	2.40	3.40	5.00	7.10	11.00	12.50
	HG-870	0.00	0.00	0.00	0.00	0.00	0.00
	HG-2-20	8.00	9.15	20.00	23.00	31.00	33.00
<b>Total</b>		<b>36.40</b>	<b>42.05</b>	<b>64.00</b>	<b>73.60</b>	<b>155.00</b>	<b>161.35</b>

(in quintals)

Rabi 2018-19 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production	Target	Production
<b>Cereals</b>							
Barley	BH-393	128.00	130.00	965.00	970.00	180.00	200.00
	BH-946	48.00	50.00	0.00	0.00	0.00	0.00





Wheat	C-306	128.00	130.00	145.00	150.00	80.00	100.00
	WH-283	0.00	0.00	0.00	0.00	0.00	0.00
	WH-711		150.00	1730.00	1650.00	700.00	750.00
	WH-1124	395.00	400.00	395.00	400.00	200.00	250.00
	WH-1142	115.00	120.00	165.00	170.00	65.00	70.00
	HD-2967	795.00	800.00	2000.00	2100.00	180.00	200.00
	WH-1105	145.00	150.00	750.00	800.00	55.00	60.00
	HD-3086	795.00	800.00	1800.00	1900.00	135.00	140.00
	WH-1184	0.00	0.00	0.00	0.00	75.00	80.00
<b>Pulses</b>							
Gram	HC-5	32.00	35.00	82.00	85.00	45.00	50.00
	HC-1	145.00	150.00	45.00	50.00	45.00	50.00
<b>Oil seeds</b>							
Raya	RH-30	72.00	75.00	218.00	220.00	68.00	70.00
	RH-749	35.00	40.00	155.00	160.00	45.00	50.00
	RH-725	85.00	90.00	300.00	310.00	65.00	70.00
	RH-406	30.00	35.00	0.00	0.00	0.00	0.00
<b>Forage crops</b>							
Oats	HJ-8	0.00	0.00	0.00	0.00	98.00	100.00
<b>Total</b>		<b>2948.00</b>	<b>3155.00</b>	<b>8750.00</b>	<b>8965.00</b>	<b>2036.00</b>	<b>2240.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

**Planting Material (in quintals)**

Crop	Variety	Planting material	
		Target	Production
Sugarcane	CoH 119	1000.00	1473.4
	CoH 150	400.00	428.05
	CoH 151	450.00	442.9
	CoH152	320.00	358.65
	CoH 110, 136 and 156	400.00	364.83
	<b>Total</b>	<b>2570.00</b>	<b>3067.83</b>

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### Summary

(in quintals)

University/ Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	460.00	449.62	444.00	658.00	904.00	1107.62
Certified seed	283.00	475.90	277.00	418.00	560.00	893.90
Truthfully labelled seed	0.50	0.50	180.00	300.00	180.50	300.50
<b>Total</b>	<b>743.50</b>	<b>926.02</b>	<b>901.00</b>	<b>1376.00</b>	<b>1644.50</b>	<b>2302.02</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif (Institute)	2018	Foundation seed		Certified seed		Truthfully labelled seed	
		Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	PB-1509	160.00	136.98	0.00	137.82	0.00	0.00
	PB-1121	80.00	65.73	0.00	40.82	0.00	0.00
	PB-1	160.00	179.63	175.00	70.41	0.00	0.00
	PB-6	40.00	47.28	0.00	0.00	0.00	0.00
	PB-1612	0.00	0.00	18.00	35.17	0.00	0.00
	PS-5	0.00	0.00	90.00	191.68	0.00	0.00
<b>Oilseed</b>							
Pigeonpea	Pusa-992	12.00	12.00	0.00	0.00	0.00	0.00
	Pusa-2001	8.00	8.00	0.00	0.00	0.00	0.00
<b>Other crops</b>							
Dhaincha	PD-1	0.00	0.00	0.00	0.00	0.50	0.50
<b>Total</b>		<b>460.00</b>	<b>449.62</b>	<b>283.00</b>	<b>475.90</b>	<b>0.50</b>	<b>0.50</b>



(in quintals)

Rabi 2018-19 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat	DBW-17	65.00	100.00	0.00	0.00	0.00	0.00
	DPW 621-50	85.00	100.00	0.00	0.00	0.00	0.00
	HD- 2967	0.00	130.00	270.00	100.00	0.00	0.00
	HD- 3059	0.00	125.00	0.00	0.00	0.00	0.00
	DBW-90	45.00	60.00	0.00	160.00	0.00	0.00
	DBW-71	70.00	0.00	0.00	150.00	0.00	0.00
	DBW-88	160.00	120.00	0.00	0.00	0.00	0.00
	WB-02	0.00	0.00	0.00	0.00	0.00	0.00
	PBW-226	0.00	0.00	0.00	0.00	180.00	300.00
<b>Pulses</b>							
<b>Lentil</b>	Pusa Vaibhav	3.00	5.00	0.00	0.00	0.00	0.00
<b>Oilseeds</b>	NRCYS 05-02	8.00	9.00	0.00	0.00	0.00	0.00
	Pusa Vijay	8.00	9.00	0.00	0.00	0.00	0.00
<b>Forage Crops</b>							
<b>Berseem</b>	BL-42	0.00	0.00	7.00	8.00	0.00	0.00
<b>Total</b>		<b>444.00</b>	<b>658.00</b>	<b>277.00</b>	<b>418.00</b>	<b>180.00</b>	<b>300.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

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## Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	0.00	3778.24	0.00	224.45	0.00	4002.69
Certified seed	0.00	2519.67	0.00	0.00	0.00	2519.67
<b>Total</b>	<b>0.00</b>	<b>6297.91</b>	<b>0.00</b>	<b>224.45</b>	<b>0.00</b>	<b>6522.36</b>
Planting material (q)	4500.00	7000.00	-	-	-	-

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
Paddy					
	Pant Dhan 12	-	0.00	-	257.17
	Pant Dhan 19	-	142.57	-	0.00
	PR 113	-	507.60	-	0.00
	NDR 359	-	0.00	-	372.33
	MTU 7029	-	1675.01	-	935.40
	Sarju 52	-	180.33	-	809.72
	Govind	-	92.97	-	0.00
	Swarna Sub 1	-	250.13	-	0.00
	Rajshree	-	233.25	-	0.00
	Rajendra Mahsuri 1	-	193.33	-	0.00
	<b>Sahbhagi</b>	-	157.35	-	0.00
	MTU 1010	-	293.40	-	0.00
	Pant Sugandh Dhan 17	-	15.80	-	0.00
<b>Oilseeds</b>					
Soybean					
	PS 1092	-	36.50	-	0.00
	PS 1347	-		-	145.05
<b>Total</b>		-	<b>3778.24</b>	-	<b>2519.67</b>



(in quintals)

Crop	Variety	Foundation seed	
		Target	Production
<b>Rabi 2018-19 (Institute)</b>			
	UP 2554	0.00	120.00
Toria	PT 303	0.00	104.45
<b>Total</b>		<b>0.00</b>	<b>224.45</b>

**8. Centre :** N.D. University of Agriculture & Technology  
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**Summary**

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	4984.00	5288.51	3860.00	4528.00	<b>8844.00</b>	<b>9816.51</b>
Certified seed	430.00	467.00	2275.00	2566.00	<b>2705.00</b>	<b>3033.00</b>
<b>Total</b>	<b>5414.00</b>	<b>5755.51</b>	<b>6135.00</b>	<b>7094.00</b>	<b>11549.00</b>	<b>12849.51</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	325.00	358.00	160.00	185.00	<b>485.00</b>	<b>543.00</b>
Certified seed	300.00	315.00	1090.00	1107.00	<b>1390.00</b>	<b>1422.00</b>
Truthfully labelled seed	1150.00	1163.00	700.00	715.00	<b>1850.00</b>	<b>1878.00</b>
<b>Total</b>	<b>1775.00</b>	<b>1836.00</b>	<b>1950.00</b>	<b>2007.00</b>	<b>3725.00</b>	<b>3843.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at university farms

(in quintals)

<b>Kharif 2018(Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	NDR-2065	800.00	859.21	400.00	439.00
	NDR-2064	150.00	161.12	-	-
	Sarjoo-52	25.00	23.30	-	-
	Swarna sub-1	1000.00	1018.10	-	-
	NDR-3112-1	800.00	836.20	30.00	28.00
	BPT-5204	200.00	216.00	-	-
	Sambha sub-1	1750.00	1900.23	-	-
	NDR-8002	50.00	52.50	-	-
	Kala Namak-3	20.00	22.00	-	-
	HUBR-2-1	35.00	40.00	-	-
	Improved sambha	100.00	115.00	-	-
<b>Pulses</b>					
Pigeonpea	NDA-1	35.00	30.00	-	-
Mung	IPM 2-3	10.00	9.00	-	-
	Virat	3.00	3.35	-	-
	Shikha	5.00	2.00	-	-
Urd	IPU 2-43	1.00	0.50	-	-
<b>Total</b>		<b>4984.00</b>	<b>5288.51</b>	<b>430.00</b>	<b>467.00</b>

(in quintals)

<b>Rabi 2018-19 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Wheat	HD 2967	1250.00	1480.00	500.00	510.00
	PBW 154	1000.00	1030.00	1250.00	1375.00
	NW 4018	100.00	100.00	-	-
	K 7903	400.00	415.00	300.00	400.00
	PBW 373	125.00	140.00	-	-
	NW 5054	250.00	300.00	-	-
	PBW 550	100.00	120.00	-	-
Barley	NB 2	20.00	25.00		35.00
<b>Pulses</b>					
Lentil	IPL 316	-	-	225.00	246.00
	KL 320	-	203.00	-	-
	HUL-57	-	83.00	-	-
Gram	KWR 108	65.00	68.00	-	-
	Pusa 362	150.00	160.00	-	-



Pea	Rachna	10.00	8.00	-	-
Mung	NDM-1	30.00	28.00	-	-
	IPM2-3	50.00	48.00	-	-
Urd	NDU-1	90.00	93.00	-	-
	IPU2-43	10.00	10.00	-	-
<b>Oil seeds</b>					
Rai	Pitambari	30.00	32.00	-	-
	NDR 8501	170.00	175.00	-	-
	NDRE 4	10.00	10.00	-	-
<b>Total</b>		<b>3860.00</b>	<b>4528.00</b>	<b>2275.00</b>	<b>2566.00</b>

Quality seed production at farmer's field

(in quintals)

<i>Kharif 2018 (PSP)</i>		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	NDR-2065	-	-	-	-	300.00	315.00
	NDR-97	-	-	-	-	200.00	162.00
	BPT-5204	100.00	111.00	-	-	500.00	530.00
	NDR-3112-1	-	-	300.00	315.00	-	-
	Swarna sub-1	225.00	247.00	-	-	-	-
<b>Pulses</b>							
Pigeonpea	NDA-1					150.00	156.00
<b>Total</b>		<b>325.00</b>	<b>358.00</b>	<b>300.00</b>	<b>315.00</b>	<b>1150.00</b>	<b>1163.00</b>

(in quintals)

<i>Rabi 2018-19 (PSP)</i>		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat	K 7903	60.00	65.00	140.00	150.00	0.00	0.00
	PBW-154	0.00	0.00	900.00	912.00	700.00	715.00
<b>Pulses</b>							
Lentil	IPL 316	0.00	0.00	50.00	45.00	0.00	0.00
<b>Oilseeds</b>							
Rai	NDR 8501	60.00	70.00	0.00	0.00	0.00	0.00
	Pitambari	20.00	25.00	0.00	0.00	0.00	0.00
	NDRE-4	20.00	25.00	0.00	0.00	0.00	0.00

<b>Total</b>		<b>160.00</b>	<b>185.00</b>	<b>1090.00</b>	<b>1107.00</b>	<b>700.00</b>	<b>715.00</b>
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### Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	187.00	209.70	3503.00	4571.00	<b>3690.00</b>	<b>4780.70</b>
Truthfully labelled seed	155.00	180.54	0.00	4.00	<b>155.00</b>	<b>184.54</b>
<b>Total</b>	<b>342.00</b>	<b>390.24</b>	<b>3503.00</b>	<b>4575.00</b>	<b>3845.00</b>	<b>4965.24</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.
<b>Cereals</b>					
Rice	P.B. 1	-	-	80.00	97.00
	P.B. 1509	-	-	30.00	32.00
	PB 1121	35.00	38.00	40.00	42.00
	Pant Basmati 2	45.00	48.00	-	-
Maize	Azad Kamal	10.00	11.00	5.00	9.00
<b>Pulses</b>					
Moong	IPM2-3	5.00	8.00	-	-
	Sweta	2.00	2.50	-	-
	PDM 139	10.00	9.60	-	-
	Virat	15.00	16.10	-	-
Urd	Azad 2	35.00	36.00	-	-
	Azad 3	20.00	23.00	-	0.24
	IPU 2-43	5.00	8.00	-	-





Sesame					
	Pragati	5.00	9.50	-	-
	Tarun	-	-	-	0.30
<b>Total</b>		<b>187.00</b>	<b>209.70</b>	<b>155.00</b>	<b>180.54</b>

(in quintals)

<i>Rabi 2018-19 (Institute)</i>		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.
<b>Cereals</b>					
Wheat	DBW 107	100.00	107.00	-	-
	K 402	100.00	120.00	-	-
	K 607	200.00	250.00	-	-
	K 1006	300.00	323.00	-	-
	PBW 343	500.00	600.00	-	-
	K 1317	100.00	102.00	-	-
	HD 2967	1500.00	2158.00	-	-
	New PBW 343	400.00	418.00	-	-
	K9423	50.00	102.00	-	-
Barley	K 551(Ritambhara)	20.00	25.00	-	-
	K 1055(Prakhar)	20.00	34.00	-	-
Gram	RGV 202	15.00	21.00	-	-
	GJ 14	20.00	25.00	-	-
Field pea	RGV 202	15.00	21.00	-	-
	GJ 14	20.00	25.00	-	-
Lentil					
	KLB303Shekhar2	15.00	22.00	-	-
	KLS 9-3 Krash	25.00	33.00	-	-
<b>Oilseeds</b>					
Rai	T.59 Varuna	20.00	28.00	-	-
	Rohini	25.00	36.00	-	-
	Maya	20.00	24.00	-	-
	Kanti	30.00	50.00	-	-
	Pitambari	0.00	32.00	-	-
	Rai Azad Mahak	-	-	-	4.00
<b>Linseed</b>	Uma LCK 1101	8.00	15.00	-	-
<b>Total</b>		<b>3503.00</b>	<b>4571.00</b>	<b>0.00</b>	<b>4.00</b>



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### Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Breeder seed	0.00	0.00	0.00	0.00	0.00	0.00
Foundation seed	132.10	167.60	324.00	362.30	456.10	529.90
Certified seed	0.00	0.00	0.00	0.00	0.00	0.00
Truthfully labelled seed	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>132.10</b>	<b>167.60</b>	<b>324.00</b>	<b>362.30</b>	<b>456.10</b>	<b>529.90</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	1077.60	1194.20	1273.50	1394.30	2351.10	2588.50
<b>Total</b>	<b>1077.60</b>	<b>1194.20</b>	<b>1273.50</b>	<b>1394.30</b>	<b>2351.10</b>	<b>2588.50</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed	
<b>Cereals</b>			
Rice	Sawarna Sub-1	30.00	36.60
	HUR 105	28.00	32.00
	HUR 917	30.00	45.00
<b>Pulses</b>			
Redgram	<b>Crop</b>	<b>Variety</b>	<b>Target</b>
	MAL 13	19.10	21.50
Moong			
	HUM 16	25.00	32.50
<b>Total</b>		<b>132.10</b>	<b>167.60</b>

(in quintals)

<b>Rabi 2018-19 (Institute)</b>		<b>Foundation seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	HUW 234	230.00	255.00
	HD 2967	55.00	59.50
<b>Pulses</b>			
Pea	HUDP 15	16.00	18.20
Lentil	HUL 57	18.00	21.60
Gram	Jaki 9218	5.00	8.00
<b>Total</b>		<b>324.00</b>	<b>362.30</b>

Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 (PSP)</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Rice	HUR 3022	21.10	23.50
	Shabhagi Dhan	212.00	235.00
	Sawarna Sub-1	208.00	226.00
	HUR 105	46.00	51.00
	Imp.Shambha	410.00	456.50
	HUR 917	78.00	89.50
	DRR 44	4.00	5.00
<b>Pulses</b>			
Redgram	MAL 13	50.00	52.70
Moong	HUM 16	48.50	55.00
<b>Total</b>		<b>1077.60</b>	<b>1194.20</b>

(in quintals)

<b>Rabi 2018-19 (PSP)</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	HUW 234	586.00	610.00
	HUW 468	45.00	54.00
	HUW 510	156.00	188.00
	HUW 669	50.00	55.00
	HD 2967	255.00	263.00
	DBW 107	25.00	28.00



	PB 1Zink	12.00	16.50
	WB 2	8.50	10.00
<b>Pulses</b>			
Pea	HUDP 15	36.00	40.20
Lentil	HUL 57	45.00	65.60
Gram	Pusa 362	25.00	27.00
	Jaki 9218	30.00	37.00
<b>Total</b>		<b>1273.50</b>	<b>1394.30</b>

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### Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1500.00	1844.86	500.00	865.50	2000.00	2710.36
Certified seed	300.00	346.40	200.00	270.00	500.00	616.40
Truthfully labelled seed	200.00	212.55	200.00	557.50	400.00	770.05
<b>Total</b>	<b>2000.00</b>	<b>2403.81</b>	<b>900.00</b>	<b>1693.00</b>	<b>2900.00</b>	<b>4096.81</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	10.00	13.80	0.00	6.00	10.00	19.80
<b>Total</b>	<b>10.00</b>	<b>13.80</b>	<b>0.00</b>	<b>6.00</b>	<b>10.00</b>	<b>19.80</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	550.00	891.00	0.00	54.00	550.00	945.00
Certified seed	700.00	940.00	200.00	210.00	900.00	1150.00
Truthfully labelled seed	5000.00	10244.00	1500.00	2108.00	6500.00	12352.00
<b>Total</b>	<b>6250.00</b>	<b>12075.00</b>	<b>1700.00</b>	<b>2372.00</b>	<b>7950.00</b>	<b>14447.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*



Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	Bahadur sub 1	1500.00	56.00	300.00	0.00	200.00	0.00
	Gitesh		94.39		6.00		0.00
	Ranjit Sub 1		347.00		42.00		25.00
	Ranjit		1112.00		180.00		0.00
	TTB 404 (Shravani)		48.50		8.00		27.00
	Bahadur		71.50		3.00		0.00
	Aghoni Biroin		19.30		2.50		9.00
	Mahsuri		23.40		55.00		18.00
	Bokul Joha		6.32		0.00		0.00
	Luit		25.55		18.50		0.00
	Disang		19.35		4.00		0.00
	Podumoni		0.00		3.50		27.00
	Swarana		0.00		0.00		0.00
	Swarana Sub-1		0.00		0.00		0.00
	Manohasali		0.00		5.00		0.00
	Ketekijoha		8.00		0.00		0.00
	Others	13.55	13.00	70.25			
<b>Pulses</b>							
Greengram	IPM 2-3	-	-	0.00	2.40	-	
Blackgram	PU 31	-	-	0.00	3.50	0.00	2.00
<b>Fibre crops</b>							
Jute	Taruan/ Apeswari	-	-	-	-	0.00	5.50
<b>Oilseeds</b>							
Sesame	Kaliabor Local	-	-	-	-	0.00	28.80
<b>Total</b>		<b>1500.00</b>	<b>1844.86</b>	<b>300.00</b>	<b>346.40</b>	<b>200.00</b>	<b>212.55</b>

(in quintals)

Rabi 2018-19 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Rice	Jyomoti	-	6.50	-	-	-	-
Foxtail millet	Local	-	-	-	-	-	11.00
Buck Wheat	Local	-	-	-	-	-	45.00



<b>Pulses</b>							
Lentil	Hul 57/ KLS 218	500.00	555.00	200.00	270.00	0.00	100.00
Rajmash	Rajmah		300.00	-	-	-	-
<b>Oilseeds</b>							
Toria/Mustard	M27	-	-	-	-	200.00	-
	TS 29	-	-	-	-		1.00
	TS-46	-	-	-	-		39.00
	TS 67	-	-	-	-		64.00
	TS 36	-	-	-	-		41.00
	TS-38	-	-	-	-		115.00
	PM 25	-	-	-	-		1.00
	PM 26	-	-	-	-		1.00
	Benoy	-	-	-	-		1.00
Linseed	Shekher	-	2.00	-	-		-
	T397	-	2.00	-	-	-	-
Niger	NG1	-	-	-	-	-	138.50
<b>Total</b>		<b>500.00</b>	<b>865.50</b>	<b>200.00</b>	<b>270.00</b>	<b>200.00</b>	<b>557.50</b>

### Planting material

Crops	Variety	Planting material (in lakhs)	
		Target	Production
<b>Kharif 2017</b>			
<b>Forage Crops</b>			
Congosignal	DRSB 7	10.00	2.5
Setaria	PSS-1/ Kazungula		2.5
Para	Local		3.0
Guinea	Hamil/ BG 2		1.8
Napier			0.00
	<b>Total</b>	<b>10.00</b>	<b>13.8</b>

### Quality seed production at farmer's field

<b>Kharif 2018 (PSP)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	Ranjit	50.00	24.00	500.00		5000.00	
	Ranjit Sub 1				350.00		3708.00
	Bahadur Sub 1				50.00		1651.00
	TTB-				2.00		250.00



	404(Shravani)						
	Swarna Sub 1		40.00				4175.00
	CR Dhan 310						120.00
<b>Pulses</b>							
Blackgram	PU-31	500.00	660.00	200.00	290.00		
Greengram	SGC-20		120.00				
	SGC-16		25.00				110.00
	IPM 02-3		20.00				
<b>Oilseeds</b>							
Sesame	Bahua bheti local/ Koliabor Local						480.00
<b>Total</b>		<b>550.00</b>	<b>891.00</b>	<b>700.00</b>	<b>940.00</b>	<b>5000.00</b>	<b>10244.00</b>

(in quintals)

<i>Rabi 2018-19 (PSP)</i>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Foxtail millet	Local (yellow)	-	-	-	-	-	200.00
<b>Pulses</b>							
Lentil	HUL 57	-	-	-	-	-	80.00
Chikpea	JG 14/Arun		10.00		10.00		
Lathyrus	Ratan	-	-	-	-	-	50.00
Field Pea	Aman		30.00	-	-	-	-
Pea	Ratan		10.00	-	-	-	-
Toria	TS36	-	-	-	-	1500.00	500.00
	TS-38	-	-	-	-		510.00
	TS 46	-	-	-	-		220.00
	TS 67	-	-	-	-		548.00
Sesamum	St 1683	-	-	200.00	200.00	-	-
Linseed	T397/ Shekhar	-	4.00	-	-	-	-
<b>Total</b>		<b>0.00</b>	<b>54.00</b>	<b>200.00</b>	<b>210.00</b>	<b>1500.00</b>	<b>2108.00</b>

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### Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	0.00	2454.35	0.00	972.30	0.00	3426.65
Certified seed	0.00	62.00	0.00	15.00	0.00	77.00
Truthfully labelled seed	0.00	2.00	0.00	1.00	0.00	3.00
<b>Total</b>	<b>0.00</b>	<b>2518.35</b>	<b>0.00</b>	<b>988.30</b>	<b>0.00</b>	<b>3506.65</b>
Planting materials (q)	0.00	700.00	0.00	0.00	0.00	700.00
<b>Farmers' field</b>	<b>(in quintals)</b>					
Certified seed	0.00	10529.75	0.00	204.00	0.00	10733.75
Truthfully labelled seed	0.00	0.00	0.00	75.00	0.00	75.00
<b>Total</b>	<b>0.00</b>	<b>10529.75</b>	<b>0.00</b>	<b>279.00</b>	<b>0.00</b>	<b>10808.75</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	BVD 109	-	5.50	-	-	-	-
	BVD 110	-	17.00	-	-	-	-





	Abhishek	-	62.00	-	-	-	-
	Sahbhagi	-	248.60		50.00		
	Lalat	-	427.40	-	-	-	-
	Navin	-	101.70	-	-	-	-
	MTU 1010	-	455.80	-	-	-	-
	R.Mansuri	-	259.00	-	-	-	-
	MTU 7029	-	462.70	-	-	-	-
	Birsamati	-	20.00	-	-	-	-
	IR-64 (drt.)	-	196.54	-	-	-	-
	BVS-1	-	20.00	-	-	-	-
	CR Dhan 202	-	50.00	-	-	-	-
	CR Dhan 305	-	23.50	-	-	-	-
	R. Shweta	-	3.50	-	-	-	-
	BVD-203	-	5.00	-	-	-	-
Maize	Suwan-1	-	9.50	-	-	-	-
Ragi	A-404	-	6.75	-	-	-	-
Sorghum	CSV-23	-	1.00	-	-	-	-
Pearlmillet	Dhanshakti	-	0.07	-	-	-	-
<b>Pulses</b>							
Arhar	B.Arhar-1	-	5.50	-	-	-	-
	IPA 203	-	11.00		12.00	-	-
	Bahar	-	2.00	-	-	-	-
	NDA-2	-	2.00	-	-	-	-
	Malviya Ar.	-	20.00	-	-	-	-
	TJT 501	-	8.00	-	-	-	-
Urd	PU-31	-	9.80	-	-	-	-
	Shekhar-2	-	1.24	-	-	-	-
	B. Urd-1	-	1.80	-	-	-	-
Kulthi	VLG-19	-	0.40	-	-	-	-
<b>Oil seeds</b>							
Soybean	GS-95-60	-	1.00	-	-	-	-
Groundnut	Girnar-3	-	13.80	-	-	-	-
	GJG-18	-	1.60	-	-	-	-
Niger	B. Niger-1	-	-	-	-	-	2.00
	Bo.Niger-3	-	0.15	-	-	-	-
	Pooja	-	0.50	-	-	-	-
<b>Total</b>		<b>0.00</b>	<b>2454.35</b>	<b>0.00</b>	<b>62.00</b>	<b>0.00</b>	<b>2.00</b>

(in quintals)

<i>Rabi 2018-19 (Institute)</i>		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat	K 9107	-	40.00	-	15.00	-	-
	HD 2967	-	32.00	-	-	-	-
	K 1006 (new shekhar)	-	515.00	-	-	-	-
	K 0307 (Shatabdi)	-	120.00	-	-	-	-
	HD 3171	-	60.00	-	-	-	-
<b>Pulses</b>							
Gram	JG 14	-	18.00	-	-	-	-
	Bidisha	-	10.00	-	-	-	-
Lentil	WBL 57	-	12.00	-	-	-	-
	VL 129	-	8.00	-	-	-	-
<b>Oil seeds</b>							
R&M	Pusa 26	-	16.00	-	-	-	-
	Pusa 30	-	6.50	-	-	-	-
	Pusa Mahek (JD 6)	-	31.00	-	-	-	-
	GNG 1581	-	2.50	-	-	-	-
	Tapeshwari	-	2.00	-	-	-	-
	Pusa 28	-	4.30	-	-	-	-
	Bharat Sarso	-	80.00	-	-	0.00	1.00
	BAU 06-03	-	10.00	-	-	-	-
Linseed	BAU 12-01	-	5.00	-	-	-	-
<b>Total</b>		<b>0.00</b>	<b>972.30</b>	<b>0.00</b>	<b>15.00</b>	<b>0.00</b>	<b>1.00</b>

**Planting material**

Crops	Variety	Planting material (in quintals)	
		Target	Production
<i>Rabi 2018-19</i>			
Sugarcane	COP 2021	-	700.00
<b>Total</b>		<b>-</b>	<b>700.00</b>

**Quality seed production at farmer's field**

(in quintals)

<i>Kharif 2018 (PSP)</i>		Certified seed	
Crops	Variety	Target	Production
Paddy	Sahbhagi	0.00	643.75



	Lalat	0.00	765.00
	Abhishek	0.00	3200.00
	Navin	0.00	1170.00
	MTU 1010	0.00	325.00
	MTU 7029	0.00	4336.00
	IR-36 (dt)	0.00	90.00
<b>Total</b>		<b>0.00</b>	<b>10529.75</b>

Rabi 2018-19 (PSP)		Certified seed		(in quintals) Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.
<b>Pulses</b>					
Gram	GNG 1581	0.00	0.00	0.00	50.00
<b>Oil seeds</b>					
R&M					
	Shivani	0.00	45.00	0.00	0.00
	Pusa Bold	0.00	70.00	0.00	0.00
	Pusa-28	0.00	80.00	0.00	0.00
	Pusa 26	0.00	0.00	0.00	25.00
Linseed	T 397	0.00	4.00	0.00	0.00
	Surbhi	0.00	5.00	0.00	0.00
<b>Total</b>		<b>0.00</b>	<b>204.00</b>	<b>0.00</b>	<b>75.00</b>

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## Summary

(in quintals)

University/ Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	3293.50	3356.40	2843.00	2950.00	6136.50	6306.40
Truthfully labelled seed	0.00	0.00	127.10	130.00	127.10	130.00
<b>Total</b>	<b>3293.50</b>	<b>3356.40</b>	<b>2970.10</b>	<b>3080.00</b>	<b>6263.60</b>	<b>6436.40</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	0.00	0.00	20.00	25.00	20.00	25.00
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>20.00</b>	<b>25.00</b>	<b>20.00</b>	<b>25.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

## Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed	
Crop	Variety	Target	Prod.
<b>Cereals</b>			
Paddy	Rajshree	1172.50	1180.00
	R.Sweta	120.00	120.35
	Prabhat	10.00	13.50
	Sahbhagi	115.00	117.20
	R.Mahsuri	819.00	830.00
	Vaidehi	15.00	16.00
	R.Bhagwati	780.00	800.00
	R. Kasturi	10.00	9.45
	R. Neelam	100.00	99.50
<b>Pulses</b>			
Arhar	Bahar	24.00	30.40
	NDA-I	64.00	70.00
	MAL-13	24.00	30.00
	R. Arhar-1	40.00	40.00
<b>Total</b>		<b>3293.50</b>	<b>3356.40</b>



**(in quintals)**

<i>Rabi 2018-19 (Institute)</i>		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.
<b>Cereals*</b>					
Wheat*	HD-2733	1080.00	1100.00	-	-
	HD-2967	1035.00	1050.00	-	-
	DBW-39	510.00	550.00	-	-
	DBW-107	100.00	120.00	-	-
<b>Pulses*</b>					
Lentil	KLS-218	48.00	50.00	-	-
	HUL-57	32.00	35.00	-	-
Gram	BG-372	16.00	20.00	-	-
Pea	HUDP-15	18.00	20.00	-	-
	HFP-4	4.00	5.00	-	-
<b>Oilseeds*</b>					
Rai	R. Suflam (TL)	-	-	117.50	120.00
Linseed	Shekhar	-	-	9.60	10.00
		<b>2843.00</b>	<b>2950.00</b>	<b>127.10</b>	<b>130.00</b>

\* Expected

**Quality seed production at farmer's field**

**(in quintals)**

<i>Rabi 2018-19 (PSP)</i>		Truthfully labelled seed	
Crop	Variety	Target	Prod.
<b>Cereals</b>			
Maize (Hybrid)		20.00	25.00
		<b>20.00</b>	<b>25.00</b>

**14. Centre :** Bidhan Chandra Krishi Viswavidyalaya  
P.O. Krishi Viswavidyalaya, Mohanpur 741252  
Dist- Nadia, West Bengal

**Nodal Officer:** Dr. Prabir Chakraborti  
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## Summary

(in quintals)

University/ Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	290.00	305.00	51.00	55.00	341.00	360.00
Certified seed	1800.00	1876.00	80.00	137.00	1880.00	2013.00
Truthfully labelled seed	700.00	680.00	200.00	222.00	900.00	902.00
<b>Total</b>	<b>2790.00</b>	<b>2861.00</b>	<b>331.00</b>	<b>414.00</b>	<b>3121.00</b>	<b>3275.00</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Certified seed	721.00	702.00	119.00	112.00	840.00	814.00
Truthfully labelled seed	890.00	1000.00	106.00	149.00	996.00	1149.00
<b>Total</b>	<b>1611.00</b>	<b>1702.00</b>	<b>225.00</b>	<b>261.00</b>	<b>1836.00</b>	<b>1963.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

## Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	GB-1	40.00	40.00	30.00	45.00	0.00	5.00
	GB-3	40.00	45.00	30.00	40.00	0.00	10.00
	IET-4786	60.00	50.00	1060.00	1114.00	300.00	173.00
	PRATIKHYA	28.00	24.00	230.00	205.00	250.00	306.00
	SWARNA SUB-1	60.00	70.00	280.00	252.00	110.00	119.00
	DRR DHAN-39	20.00	22.00	90.00	104.00	15.00	19.00
	Rajendra Bhagwati	20.00	21.00	30.00	45.00	0.00	0.00
<b>Pulses</b>							
Blackgram	SARADA	4.00	6.00	12.00	17.00	4.00	12.00
	PU-31	0.00	0.00	5.00	8.00	0.00	0.00



	SULATA	1.00	4.00	5.00	8.00	6.00	8.00
Greengram	BIRAT	0.00	0.00	3.00	5.00	11.00	22.00
	SIKHA	0.00	2.00	4.00	7.00	4.00	6.00
	IPM-02-14	1.00	1.00	3.00	4.00	0.00	0.00
<b>Fibre crops</b>							
Jute	JRO-204	16.00	20.00	18.00	22.00	0.00	0.00
<b>Total</b>		<b>290.00</b>	<b>305.00</b>	<b>1800.00</b>	<b>1876.00</b>	<b>700.00</b>	<b>680.00</b>

(in quintals)

<b>Rabi 2018-19 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	IET-4786	45.00	46.00	55.00	70.00	122.00	140.00
	Rajendra Bhagwati	0.00	0.00	12.00	20.00	18.00	20.00
<b>Pulses</b>							
Lentil	Maitree	1.00	3.00	4.00	13.00	25.00	22.00
	HUL-57	1.00	2.00	3.00	12.00	0.00	0.00
Lathyrus	Ratan	1.00	1.00	3.00	13.00	10.00	12.00
	Pratik	0.00	1.00	0.00	2.00	0.00	0.00
Chick pea	Bidisha	1.00	1.00	2.00	5.00	9.00	10.00
	Jaki	1.00	1.00	1.00	2.00	0.00	0.00
<b>Oil seeds</b>							
Linseed	Neela	1.00	0.00	0.00	0.00	16.00	18.00
		51.00	55.00	80.00	137.00	200.00	222.00

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 (PSP)</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
Paddy	GB-1	24.00	17.00	0.00	11.00
	GB-3	20.00	12.00	0.00	9.00
	IET-4786	290.00	283.00	450.00	495.00
	PRATIKHYA	130.00	142.00	150.00	165.00
	SWARNA SUB-1	150.00	140.00	160.00	205.00
	MTU-7029	100.00	101.00	100.00	90.00
<b>Pulses</b>					
Blackgram	PU-35	1.00	0.00	0.00	0.00
	SARADA	2.00	2.00	5.00	7.00
Greengram	Samrat	1.00	0.00	5.00	6.00



<b>Fibre crops</b>					
<b>Jute</b>	JRO-204	3.00	5.00	20.00	12.00
		<b>721.00</b>	<b>702.00</b>	<b>890.00</b>	<b>1000.00</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>					
Paddy	IET-4786	80.00	72.00	70.00	84.00
<b>Pulses</b>					
Lentil	Subrata	5.00	8.00	6.00	20.00
	Maïtree	10.00	5.00	2.00	2.00
Lathyrus	Ratan	10.00	7.00	10.00	18.00
<b>Oil seeds</b>					
Mustard	B9	7.00	12.00	10.00	15.00
Linseed	Neela	7.00	8.00	8.00	10.00
<b>Total</b>		<b>119.00</b>	<b>112.00</b>	<b>106.00</b>	<b>149.00</b>

**15. Centre :** Uttar Banga Krishi Viswavidyalaya  
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**Summary**

(in quintals)

<b>University/Institute Farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	350.00	175.41	275.00	302.40	<b>625.00</b>	<b>477.81</b>
Certified seed	750.00	589.99	300.00	230.50	<b>1050.00</b>	<b>820.49</b>
Truthfully labelled seed	200.00	82.30	10.00	6.50	<b>210.00</b>	<b>88.80</b>
<b>Total</b>	<b>1300.00</b>	<b>847.70</b>	<b>585.00</b>	<b>539.40</b>	<b>1885.00</b>	<b>1387.10</b>
<b>Planting materials</b>	<b>(in lakh)</b>					





Planting material	1.04	0.45	-	-	1.04	0.45
<b>Total</b>	<b>1.04</b>	<b>0.45</b>	<b>0.00</b>	<b>0.00</b>	<b>1.04</b>	<b>0.45</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	50.00	24.17	50.00	0.00	100.00	24.17
Certified seed	700.00	707.65	110.00	1250.00	810.00	1957.65
Truthfully labelled seed	250.00	128.30	100.00	28.00	350.00	156.30
<b>Total</b>	<b>1000.00</b>	<b>860.12</b>	<b>260.00</b>	<b>1278.00</b>	<b>1260.00</b>	<b>2138.12</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

**Quality seed production at university farms**

**(in quintals)**

<b>Kharif 2018 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	MTU-1153	350.00	18.00	750.00	41.80	200.00	0.00
	Sahabhagi		15.40		27.00		0.00
	Swarna Sub-1		12.80		161.45		0.00
	MTU-1075		17.35		24.90		0.00
	MTU-7029		0.00		49.86		0.00
	MTU 1121		0.00		60.58		3.40
	CR Dhan-401		16.90		0.00		0.00
	Jamuna		0.00		0.00		35.00
	MW-10 (Annada)		0.00		0.00		40.00
	Pushpa		0.00		80.97		0.00
	Dhiren		0.00		6.40		0.00
	Pratiksha		21.20		0.00		0.00
	Samba Masuri		0.00		1.90		0.00
	Ranidhan		0.00		74.13		0.00
	Dhiren		0.00		31.00		0.00
	Sujala		21.00		0.00		0.00
	GB-3		23.00		0.00		0.00
	IET-4094		0.00		30.00		0.00
	DRR-42		13.76		0.00		0.00
	Chinsura		16.00		0.00		0.00
Local	Kalonunia	0.00	0.00	3.90			



aromatic paddy							
<b>Total</b>		<b>350.00</b>	<b>175.41</b>	<b>750.00</b>	<b>589.99</b>	<b>200.00</b>	<b>82.30</b>

(in quintals)

<b>Rabi 2018-19 (Institue)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Boro Paddy	IET-4094	50.00	32.00	100.00	46.00		
	GB-3		26.00		45.00		
<b>Pulses</b>							
Lentil	WBL 77	150.00	65.00	50.00	12.50		
	IPL 406		10.00		25.00		
Mungbean	IPM 02-03		21.00		0.00		
	HUM-16		11.00		0.00		
Lathyrus	Ratan		21.00		0.00		
	Prateek		36.00		0.00		
	IPFD10-12		11.00		0.00		
<b>Oilseeds</b>							
Mustard	Agrani (B-54)	75.00	21.00	150.00	39.00	10.00	0.00
	Binoy (B-9)		31.20		52.00		5.00
	Pitambari		10.00		0.00		0.00
	PM-25		1.00		0.00		0.00



	PM-30		0.80		0.00		0.00
	PM-26		0.95		0.00		0.00
	PM-27		0.80		0.00		0.00
	PM-28		1.00		0.00		0.00
	YSH-401		0.90		11.00		0.00
	NRCYS-0502		0.90		0.00		0.00
	NRC HB101		0.85		0.00		0.00
Linseed	Local		0.00		0.00		1.50
<b>Total</b>		<b>275.00</b>	<b>302.40</b>	<b>300.00</b>	<b>230.50</b>	<b>10.00</b>	<b>6.50</b>

**Quality seed production at farmer's field**

(in quintals)

<i>Kharif 2018 (PSP)</i>		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	Swarna Sub-1	50.00	16.50	650.00	685.20	250.00	55.73
	MTU-1121		5.36		11.00		41.36
	MTU 1153		2.31		6.00		31.21
<b>Pulses</b>							
Black Gram	PU-31	0.00	0.00	20.00	0.40	0.00	0.00
Mung bean	Sweta	0.00	0.00	30.00	5.05	0.00	0.00
<b>Total</b>		<b>50.00</b>	<b>24.17</b>	<b>700.00</b>	<b>707.65</b>	<b>250.00</b>	<b>128.30</b>

(in quintals)

<i>Rabi 2018-19 (PSP)</i>		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	GB-3	50.00	0.00	110.00	600.00	0.00	0.00
	Sahabhagi	0.00	0.00		650.00	0.00	0.00
<b>Oilseed</b>							
Mustard	B-9	0.00	0.00	0.00	0.00	100.00	12.00
	Subhra Kusum	0.00	0.00	0.00	0.00		16.00
<b>Total</b>		<b>50.00</b>	<b>0.00</b>	<b>110.00</b>	<b>1250.00</b>	<b>100.00</b>	<b>28.00</b>

**16. Centre :** Orissa University of Agriculture & Technology  
Bhubaneswar 751 003, Orissa

**Nodal Officer:** Dr. T. K. Mishra  
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### Summary

(in quintals)

University/Institute Farm						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	2650.00	2679.30	0.00	0.00	2650.00	2679.30
Certified seed	150.00	150.00	0.00	0.00	150.00	150.00
Truthfully labelled seed	9.00	6.00	0.00	0.00	9.00	6.00
<b>Total</b>	<b>2809.00</b>	<b>2835.30</b>	<b>0.00</b>	<b>0.00</b>	<b>2809.00</b>	<b>2835.30</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	0.87	0.87	0.00	0.00	0.87	0.87
Tissue	4.00	4.00	0.00	0.00	4.00	4.00



culture						
<b>Total</b>	<b>4.87</b>	<b>4.87</b>	<b>0.00</b>	<b>0.00</b>	<b>4.87</b>	<b>4.87</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	32.00	30.00	375.00	460.00	<b>407.00</b>	<b>490.00</b>
Certified seed	800.00	546.00	4510.00	2885.00	<b>5310.00</b>	<b>3431.00</b>
<b>Total</b>	<b>832.00</b>	<b>576.00</b>	<b>4885.00</b>	<b>3345.00</b>	<b>5717.00</b>	<b>3921.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

### Quality seed production at university farms

<b>Kharif 2018 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>(in quintals)</b> <b>Truthfully labelled seed</b>	
		<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	Mandakini	70.00	76.00	-	-	-	-
	Lalat	80.00	87.40	-	-	-	-
	Ranidhan	30.00	30.00	-	-	-	-
	MTU 1001	700.00	690.00	150.00	150.00	-	-
	MTU 1010	350.00	347.00	-	-	-	-
	Swarna	1100.00	1114.50	-	-	-	-
	Pooja	70.00	70.00	-	-	-	-
	Sahabhagidhan	150.00	152.00	-	-	-	-
	Swarna Sub 1	60.00	64.40	-	-	-	-
	Gayatri	40.00	48.00	-	-	-	-
<b>Others crops</b>							
	Dhaincha	-	-	-	-	6.00	3.00
	Sunhemp	-	-	-	-	3.00	3.00
<b>Total</b>		<b>2650.00</b>	<b>2679.30</b>	<b>150.00</b>	<b>150.00</b>	<b>9.00</b>	<b>6.00</b>

### Planting material

<b>Crops</b>	<b>Variety</b>	<b>Planting material (in lakhs)</b>		<b>Tissue culture plantlets (in lakhs)</b>	
		<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Rabi 2018-19</b>					
Sugarcane	COP 2021	0.87	0.87	4.00	4.00
<b>Total</b>		<b>0.87</b>	<b>0.87</b>	<b>4.00</b>	<b>4.00</b>

(in quintals)

<b>Kharif 2018 (PSP)</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Pulses</b>					
Arhar	PRG 176	32.00	30.00	800.00	546.00
<b>Total</b>		<b>32.00</b>	<b>30.00</b>	<b>800.00</b>	<b>546.00</b>

(in quintals)

<b>Rabi 2018-19 (PSP)</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Pulses</b>					
Urdbean	IPU 2-43	125.00	100.00	-	-
	PU 31	-	-	1200.00	275.00
Mungbean	IPM 2-14	250.00	360.00	1760.00	1310.00
	IPM 2-3	-	-	1400.00	1200.00
Chickpea	NBeG 3	-	-	150.00	100.00
<b>Total</b>		<b>375.00</b>	<b>460.00</b>	<b>4510.00</b>	<b>2885.00</b>
<b>Grand total</b>		<b>3057.00</b>	<b>3169.30</b>	<b>5460.00</b>	<b>3581.00</b>

**17. Centre :** Swami Keshwanand, Rajasthan Agricultural University  
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## Summary

(in quintals)

<b>University/Institute Farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Truthfully labelled seed	250.00	401.61	1350.00	1669.00	<b>1600.00</b>	<b>2070.61</b>
<b>Total</b>	<b>250.00</b>	<b>401.61</b>	<b>1350.00</b>	<b>1669.00</b>	<b>1600.00</b>	<b>2070.61</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*



Quality seed production at university farms

(in quintals)

<i>Kharif 2018</i> (Institute)		Truthfully labelled seed		
Crop	Variety	Target	Production	
<b>Pulses</b>				
Cowpea	RC-19	250.00	6.72	
<b>Oil seeds</b>				
Groundnut	HNG-10		70.00	
	HNG-69		180.00	
	HNG-123		45.00	
	TG-37A		24.00	
<b>Forage crops</b>				
Guar	RGC-936		14.30	
	RGC-1003		25.00	
	RGC-1033		8.50	
	RGC-1055		2.40	
	RGC-1066		25.69	
<b>Total</b>			<b>250.00</b>	<b>401.61</b>

<i>Rabi 2018-19</i> (Institute)		Truthfully labelled seed		
Crop	Variety	Target	Production	
<b>Cereals</b>				
Wheat	Raj-4238	1350.00	640.00	
	Raj-4079		40.00	
	Raj-4120		100.00	
	HD-3086		45.00	
	Raj-3765		130.00	
	Raj-3077		45.00	
Barley	RD-2715		400.00	
<b>Pulses</b>				
Gram	GNG-1581		62.00	
	GNG-1958		120.00	
	GNG-2144		10.00	
	GNG-663		12.00	
<b>Oil seeds</b>				
Mustard	Gajraj	65.00		
<b>Total</b>		<b>1350.00</b>	<b>1669.00</b>	



**18. Centre :** Maharana Pratap University of Agriculture & Technology  
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### Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	123.25	108.48	1835.00	1822.00	<b>1958.25</b>	<b>1930.48</b>
Certified seed	417.00	354.02	913.00	913.50	<b>1330.00</b>	<b>1267.52</b>
Truthfully labelled seed	45.00	44.05	15.00	15.00	<b>60.00</b>	<b>59.05</b>
<b>Total</b>	<b>585.25</b>	<b>506.55</b>	<b>2763.00</b>	<b>2750.50</b>	<b>3348.25</b>	<b>3257.05</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	0.73	0.61	0.02	0.03	<b>0.75</b>	<b>0.64</b>
<b>Total</b>	<b>0.73</b>	<b>0.61</b>	<b>0.02</b>	<b>0.03</b>	<b>0.75</b>	<b>0.64</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Pulses</b>							
Horse gram	Pratap Kulthi-1 (AK-42)	1.25	1.25	0.00	0.00	0.00	0.00
Black gram	Pratap urd-1	0.00	0.00	107.00	64.02	0.00	0.00
	PU-31	0.00	0.00	0.00	0.00	0.00	0.00
<b>Oil seeds</b>							
Soybean	RKS-24	15.00	16.40	0.00	0.00	35.00	34.00
	JS-93-05	55.00	52.73	0.00	0.00	0.00	0.00





	JS-20-29	15.00	17.00	170.00	165.00	0.00	0.00
	JS 20-34	0.00	0.00	0.00	0.00	0.00	0.00
	JS 335	30.00	13.60	0.00	0.00	0.00	0.00
	NRC-86	0.00	0.00	140.00	125.00	0.00	0.00
Groundnut	GJG-22	0.00	0.00	0.00	0.00	5.00	4.80
	GPBD-4	0.00	0.00	0.00	0.00	5.00	5.25
<b>Fibre crops</b>							
Dhaincha	DH-1	7.00	7.50	0.00	0.00	0.00	0.00
<b>Total</b>		<b>123.25</b>	<b>108.48</b>	<b>417.00</b>	<b>354.02</b>	<b>45.00</b>	<b>44.05</b>

(in quintals)

<b>Rabi 2018-19 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Wheat	Raj 4079	385.00	385.00	0.00	0.00	0.00	0.00
	Raj 4238	490.00	480.00	0.00	0.00	0.00	0.00
	Raj 4037	0.00	0.00	900.00	900.00	0.00	0.00
	JW 3336	20.00	20.00	0.00	0.00	0.00	0.00
	GW 451	45.00	45.00	0.00	0.00	0.00	0.00
	JW 3288	20.00	20.00	0.00	0.00	0.00	0.00
Barley	RD-2786	485.00	475.00	0.00	0.00	0.00	0.00
<b>Pulses</b>							
Gram	Pratap Chana-1	0.00	0.00	0.00	0.00	0.00	0.00
	GNG-1958	325.00	330.00	0.00	0.00	0.00	0.00
	GNG-1581	15.00	15.00	0.00	0.00	15.00	15.00
<b>Oil seeds</b>							
Mustard	RH 406	0.00	0.00	13.00	13.50	0.00	0.00
<b>Other crops</b>							
Methi	RMT 305	40.00	42.00	0.00	0.00	0.00	0.00
Taramira	RTM-1351	10.00	10.00	0.00	0.00	0.00	0.00
<b>Total</b>		<b>1835.00</b>	<b>1822.00</b>	<b>913.00</b>	<b>913.50</b>	<b>15.00</b>	<b>15.00</b>

Planting material	Planting material (in lakhs)- <i>Kharif</i>		Planting material (in lakhs)- <i>Rabi</i>		Total	
	Target	Prod.	Target	Prod.	Target	Prod.
Planting material	0.73	0.61	0.02	0.03	<b>0.75</b>	<b>0.64</b>
<b>Total</b>	<b>0.73</b>	<b>0.61</b>	<b>0.02</b>	<b>0.03</b>	<b>0.75</b>	<b>0.64</b>

**19. Centre :** Sardarkrushinagar Dantiwada Agricultural University  
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### Summary

(in quintals)

University/Institute Farm						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	507.70	599.23	552.00	603.70	<b>1059.70</b>	<b>1202.93</b>
<b>Total</b>	<b>507.70</b>	<b>599.23</b>	<b>552.00</b>	<b>603.70</b>	<b>1059.70</b>	<b>1202.93</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

<i>Kharif 2018</i> (Institute)	Crop	Variety	Truthfully labelled seed	
			Target	Prod.
Pulses	Greengram	GM 4	100	113.94
		GM 5	4.00	5.96
		GM 6	6.00	7.44
	Black gram	T 9	2.00	3.88
		GU 1	80.00	84.53
	Cluster bean	GG 1	10.00	16.34
GG 2		40.00	50.15	
Cow pea		GC 4	0.50	1.03
		GC 5	0.10	0.13
	GC 6	0.10	0.28	



Pigeon pea			
	BDN 2	7.00	10.00
Moth bean			
	GMO 2	3.00	4.08
<b>Oil seeds</b>			
Castor	GCH 7	200.00	241.00
	GCH 8	70.00	80.00
Groundnut	GJG 37	25.00	27.49
<b>Fibre crops</b>			
Sunhemp	Local	60.00	66.92
<b>Total</b>		<b>507.70</b>	<b>599.23</b>

(in quintals)

<i>Rabi 2018-19</i> (Institute)		Truthfully labelled seed	
Crop	Variety	Target	Prod.
<b>Cereals</b>			
Wheat	GW 496	320.00	340.70
	GW 451	230.00	260.00
<b>Oil seeds</b>			
Mustard	GDM-2	2.00	3.00
<b>Total</b>		<b>552.00</b>	<b>603.70</b>

**20. Centre :** Anand Agricultural University  
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**Summary**

(in quintals)

University/Institute Farm						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	887.30	1021.00	142.50	108.00	<b>1029.80</b>	<b>1129.00</b>
Certified seed	1471.50	1137.45	505.00	800.40	<b>1976.50</b>	<b>1937.85</b>
Truthfully labelled seed	908.50	964.34	672.50	797.55	<b>1581.00</b>	<b>1761.89</b>

<b>Total</b>	<b>3267.30</b>	<b>3122.79</b>	<b>1320.00</b>	<b>1705.95</b>	<b>4587.30</b>	<b>4828.74</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	2.00	2.00	0.00	0.00	2.00	2.00
<b>Total</b>	<b>2.00</b>	<b>2.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.00</b>	<b>2.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

<b>Kharif 2018 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>(in quintals) Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	Gurjari		675.00		268.10		325.00
	GR-3		0.00		0.00		0.40
	GR-4		0.00		0.00		3.40
	GR-7		0.00		44.10		5.50
	Jaya		0.00		0.00		17.00
	GR-11		0.00		0.00		6.00
	GR-101		0.00		0.00		18.00
	Masuri		0.00		0.00		7.00
	IR-28		0.00		0.00		2.50
	Narmada		0.00		0.00		11.40
	GAR-13	787.00	346.00	1365.00	785.65	525.00	133.60
	MAHISAGAR		0.00		0.00		37.66
	GAR-1		0.00		0.00		1.60
	GAR-2		0.00		0.00		0.90
	GAR-3		0.00		0.00		1.10
	GAR-14		0.00		0.00		8.00
	GR-103		0.00		0.00		4.00
	GR-104		0.00		0.00		0.40
	KAMOD 118		0.00		0.00		0.05
	JIRASAR		0.00		0.00		0.16
	Dandi		0.00		0.00		3.00
Maize	GM-6	63.00	0.00	53.00	0.00	126.00	0.00
	Narmada Moti		0.00		0.00		0.00



	Win orange		0.00		0.00		1.00
<b>Pulses</b>							
Mung bean	GAM-5	5.50	0.00	5.50	0.00	5.50	47.66
Pigeonpea	AGT-2	16.00	0.00	6.00	0.00	21.00	1.90
Clusterbean	GG-1	0.00	0.00	0.00	0.00	21.00	25.00
<b>Oilseeds</b>							
Soybean	NRC-37	15.80	0.00	42.00	39.60	40.00	67.40
Castor	GCH-7	0.00	0.00	0.00	0.00	160.00	144.00
	GAC-11	0.00	0.00	0.00	0.00		30.00
Groundnut	GJG-22	0.00	0.00	0.00	0.00		0.00
	GG-34	0.00	0.00	0.00	0.00		30.00
	GG-20	0.00	0.00	0.00	0.00		0.00
<b>Fibre Crops</b>							
Sorghum	S-1049	0.00	0.00	0.00	0.00	5.50	6.00
	CoFS-29	0.00	0.00	0.00	0.00		1.50
	GAFS-12	0.00	0.00	0.00	0.00		2.00
Bajra	GFB-1	0.00	0.00	0.00	0.00	4.50	12.50
	GFB-4	0.00	0.00	0.00	0.00		3.80
Maize	African Tall	0.00	0.00	0.00	0.00	0.00	4.91
<b>Total</b>		<b>887.30</b>	<b>1021.00</b>	<b>1471.50</b>	<b>1137.45</b>	<b>908.50</b>	<b>964.34</b>

(in quintals)

Rabi 2018-19 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat	GW 496	42.00	48.00	420.00	420.00	420.00	195.00
	Lok 1				0.00		0.00
	GW 1				0.00		20.00
	GW 322				0.00		0.00
	GW 451		48.00		340.40		20.00
	GW173				0.00		0.00
	GADW 3				0.00		267.00
	GW 11				0.00		0.00
Maize	GM 3	63.00		53.00	0.00	126.00	0.00
	GM 2				8.00		0.00
	GAWMH 2				0.00		25.00



	GM 6				0.00		0.00
	IGI 1101				0.00		0.00
	IGI 1102				0.00		0.00
	Narmada Moti		12.00		0.00		0.00
Paddy	Mahisagar						27.50
	Gurjari						62.50
<b>Pulses</b>							
Gram	GG-1				0.00		5.75
	GG-2				0.00		28.00
	GG-5				0.00	105.00	0.00
	JG-14				0.00		43.00
	GJG 3	21.00		21.00	32.00		59.00
Green gram	GAM 5	5.50	0.00	5.50	0.00	5.50	7.50
<b>Forage Crops</b>							
Lucerne	AL-3					5.50	0.00
	Anand-2	5.50		5.50			8.30
Oat	Kent	5.50				10.50	29.00
<b>Total</b>		<b>142.50</b>	<b>108.00</b>	<b>505.00</b>	<b>800.40</b>	<b>672.50</b>	<b>797.55</b>

### Planting material

<i>Kharif 2017</i>		Planting material (in lakhs)	
Crops	Variety	Target	Production
Hybrid Napier	Co3/BNH-10	2.00	2.00
<b>Total</b>		<b>2.00</b>	<b>2.00</b>

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**Summary**

(in quintals)

<b>University/Institute Farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	0.00	428.15	0.00	466.00	<b>0.00</b>	<b>894.15</b>
Certified seed	0.00	239.05	0.00	436.75	<b>0.00</b>	<b>675.80</b>
Truthfully labelled seed	685.00	1100.03	80.00	255.39	<b>765.00</b>	<b>1355.42</b>
<b>Total</b>	<b>685.00</b>	<b>1767.23</b>	<b>80.00</b>	<b>1158.14</b>	<b>765.00</b>	<b>2925.37</b>
Planting materials (q)	0.00	<b>700.00</b>	0.00	0.00	0.00	0.00
<b>Planting materials</b>	<b>(in lakh)</b>					
Tissue culture	0.15	0.13	0.00	0.00	<b>0.15</b>	<b>0.13</b>
<b>Total</b>	<b>0.15</b>	<b>0.13</b>	<b>0.00</b>	<b>0.00</b>	<b>0.15</b>	<b>0.13</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	720.00	1119.50	2120.00	2979.06	<b>2840.00</b>	<b>4098.56</b>
<b>Total</b>	<b>720.00</b>	<b>1119.50</b>	<b>2120.00</b>	<b>2979.06</b>	<b>2840.00</b>	<b>4098.56</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at university farms**

(in quintals)

<b>Kharif 2018 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Sorghum	Gundhari	-	-	-	-	5.00	51.99
<b>Pulses</b>							
Mungbean	GM 4	-	-	-	-	15.00	58.00
Urdbean	GU 1	-	9.50	-	-	60.00	55.48
Pigeonpea	GJP 1	-	20.00	-	-	100.00	10.00
<b>Oilseeds</b>							
Sesame	GT 1	-	-	-	-		
	GT 2	-	-	-	-	<b>10.00</b>	26.00



	GT 3	-	-	-	-		14.00
	GT 4	-	-	-	-		13.20
	GJT 5	-	-	-	-		
	GT 10	-	-	-	-		6.00
Soybean	GJS 3	-	-	-	-	<b>35.00</b>	177.36
Groundnut	GG-2	-	-	-	-	<b>450.00</b>	
	GG-5	-	-	-	-		
	GG-7	-	-	-	-		
	GJG-9	-	-	-	-		21.00
	GJG-31	-	-	-	-		28.00
	GJG-32	-	-	-	-		
	GAUG-10	-	-	-	-		
	GG-11	-	-	-	-		
	GJG-17	-	-	-	-		
	GG-20	-	288.05		239.05		220.50
	GG-21	-	-	-	-		
	GJG-22	-	110.60	-	-		329.00
	GJG-HPS 1	-	-	-	-		
	TG 37 A	-	-	-	-	28.00	
Castor	GCH 9	-	-	-	-	10.00	
<b>Fiber crops</b>							
Cotton	G.Cot. 13	-	-	-	-	10.00	14.00
	G.Cot. 21	-	-	-	-		15.00
	G.Cot. 25	-	-	-	-		15.00
	GADC 2	-	-	-	-		7.50
<b>Total</b>		<b>0.00</b>	<b>428.15</b>	<b>0.00</b>	<b>239.05</b>	<b>685.00</b>	<b>1100.03</b>

(in quintals)

<i>Rabi 2018-19</i> (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat							
	GW 366	-	-	-	-		21.00
	GW 496	-	385.00	-	332.50		
	GW 463	-	35.00	-	-		17.50
	GW 451	-	-	-	-		
<b>Pulses</b>							
Chickpea	GJG 3	-	23.00	-	51.75		101.89
	GG 4	-	-	-	-	80.00	-





	GG 5	-	-	-	-		-
	GG 6	-	-	-	-		57.50
<b>Total</b>		<b>0.00</b>	<b>466.00</b>	<b>0.00</b>	<b>436.75</b>	<b>80.00</b>	<b>255.39</b>

**Planting material**

Crops	Variety	Planting material (in quintals)		Tissue culture plantlets (in lakhs)	
		Target	Prod.	Target	Prod.
<b>Rabi 2018-19</b>					
Sugarcane	CON 05071	0.00	700.00	0.15	0.13
<b>Total</b>		<b>0.00</b>	<b>700.00</b>	<b>0.15</b>	<b>0.13</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 (PSP)</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>
<b>Pulses</b>			
Mungbean	GM 4	-	15.50
Pigeonpea	GJP 1	50.00	320.00
Urdbean	GU 1	-	17.00
<b>Oilseeds</b>			
Sesame	GT 3	20.00	32.00
Groundnut	GJG 9	650.00	115.00
	GJG 22		620.00
<b>Total</b>		<b>720.00</b>	<b>1119.50</b>

(in quintals)

<b>Rabi 2018-19 (PSP)</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>			
Wheat	LOK 1	2000.00	530.00
	GW 366		830.00
	GW 496		405.00
	GW 463		380.00
<b>Pulses</b>			
Chickpea	GJG 3	120.00	500.56
	GG 5		333.50
<b>Total</b>		<b>2120.00</b>	<b>2979.06</b>

**22. Centre :** Navsari Agricultural University  
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### Summary

(in quintals)

University/Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	220.00	487.65	20.00	21.00	240.00	508.65
Certified seed	1425.00	2326.04	120.00	186.54	1545.00	2512.58
Truthfully labelled seed	952.80	655.47	274.50	379.01	1227.30	1034.48
<b>Total</b>	<b>2597.80</b>	<b>3469.16</b>	<b>414.50</b>	<b>586.55</b>	<b>3012.30</b>	<b>4055.71</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	0.50	0.60	0.00	0.00	0.50	0.60
Tissue culture	0.25	0.07	0.00	0.00	0.25	0.07
<b>Total</b>	<b>0.75</b>	<b>0.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.75</b>	<b>0.67</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	Jaya	10.00	21.70	300.00	422.60	0.00	0.00
	Gurjari	25.00	48.45	200.00	248.50	200.00	150.50
	Masuri	15.00	23.10	50.00	82.60	0.00	0.00



	GR-7	25.00	112.70	130.00	163.65	20.00	0.00
	IR-28	20.00	44.50	50.00	69.25	20.00	0.00
	NAUR-1	5.00	15.40	15.00	24.00	0.00	0.00
	GNR-2	5.00	15.40	0.00	0.00	0.00	0.00
	GNR-3	60.00	103.60	343.00	977.04	300.00	219.50
	GNR-5	5.00	25.20	2.00	2.00	0.00	0.00
	GNR-6	0.00	0.00	0.00	0.00	150.00	91.31
	GNR-7	0.00	0.00	10.00	12.05	50.00	31.50
	GAR-13	0.00	0.00	50.00	115.10	0.00	0.00
	Purna	10.00	51.80	0.00	0.00	50.00	23.80
	GNRH-1 Hyb.	0.00	0.00	0.00	0.00	10.00	3.90
Sorghum	GJ-38	0.00	0.00	0.00	0.00	2.00	8.00
	GJ-42	0.00	0.00	0.00	0.00	2.00	1.90
	GNJ-1	0.00	2.30	0.00	0.00	5.00	0.00
	BP-53	0.00	0.00	0.00	0.00	1.00	2.50
Finger millet	GN-4	0.00	0.00	0.00	0.00	6.00	1.80
	GN-5	0.00	0.00	0.00	0.00	6.00	0.00
	GNN-6	0.00	0.00	0.00	0.00	7.00	26.70
	GNN-7	0.00	0.00	0.00	0.00	3.00	0.00
	GNN-8	0.00	0.00	0.00	0.00	0.00	3.50

Little millet	GV-2	0.00	0.00	0.00	0.00	5.00	3.05
	GNV-3	0.00	0.00	0.00	0.00	5.00	2.55
<b>Pulses</b>							
Pigeon pea	Vaishali	40.00	23.50	275.00	209.25	50.00	30.00
	GT-1	0.00	0.00	0.00	0.00	3.00	0.00
	GT-103	0.00	0.00	0.00	0.00	1.00	0.00
	BDN-711	0.00	0.00	0.00	0.00	6.00	8.00
	GNP-2	0.00	0.00	0.00	0.00	10.00	0.00
	GT-104	0.00	0.00	0.00	0.00	0.00	0.00
Blackgram	GU-1	0.00	0.00	0.00	0.00	16.00	9.00
<b>Oilseeds</b>							
Castor	GNCH-1	0.00	0.00	0.00	0.00	10.00	5.52
Niger	GN-1	0.00	0.00	0.00	0.00	0.50	0.25
	GN-2	0.00	0.00	0.00	0.00	0.50	0.00
	GNNIG-3	0.00	0.00	0.00	0.00	0.30	1.11
Soybean	JSS-335	0.00	0.00	0.00	0.00	2.00	8.00
	G.Soy-3	0.00	0.00	0.00	0.00	5.00	4.50
	G.Soy-KDS-344	0.00	0.00	0.00	0.00	2.00	10.00
Fibre Crops							
Cotton	Diff. Hyrbids	0.00	0.00	0.00	0.00	0.50	0.48



<b>Fodder Crops</b>							
Sorghum fodder	CSV-21F	0.00	0.00	0.00	0.00	2.00	6.00
	GSF-5	0.00	0.00	0.00	0.00	2.00	2.10
<b>Total</b>		<b>220.00</b>	<b>487.65</b>	<b>1425.00</b>	<b>2326.04</b>	<b>952.80</b>	<b>655.47</b>

(in quintals)

<b>Rabi 2018-19 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Wheat	Lok-1	0.00	0.00	0.00	0.00	25.00	21.05
	GW-496	0.00	0.00	0.00	0.00	30.00	33.60
<b>Pulses</b>							
Green gram	Meha	20.00	14.00	90.00	120.29	40.00	17.82
	Co-4	0.00	0.00	0.00	0.00	30.00	42.80
	GBM-1	0.00	0.00	0.00	0.00	2.00	4.45
	GM-6	0.00	0.00	0.00	16.00	2.00	15.03
Indian bean	G.Wal-1	0.00	0.00	0.00	0.00	0.50	0.50
	G.Wal-2	0.00	7.00	0.00	0.00	10.00	10.35
	GNIB-21 (NPS-1)	0.00	0.00	0.00	0.00	5.00	10.12
	GNIB-22	0.00	0.00	0.00	0.00	10.00	2.28
Chick pea	GJG-2	0.00	0.00	0.00	0.00	10.00	14.60
	GJG-5	0.00	0.00	30.00	50.25	10.00	41.00
	GJG-3	0.00	0.00	0.00	0.00	0.00	9.30
Sunhemp	Local	0.00	0.00	0.00	0.00	100.00	156.11
<b>Total</b>		<b>20.00</b>	<b>21.00</b>	<b>120.00</b>	<b>186.54</b>	<b>274.50</b>	<b>379.01</b>

**Planting material**

<b>Crops</b>	<b>Planting material (in quintals)</b>		<b>Planting material (in lakhs)</b>		<b>Tissue culture plantlets (in lakhs)</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Kharif 2018</b>						
Sugarcane	1600.00	2350.00	0.50	0.60	0.25	0.07
<b>Total</b>	<b>1600.00</b>	<b>2350.00</b>	<b>0.50</b>	<b>0.60</b>	<b>0.25</b>	<b>0.07</b>

**(in quintals)**

<b>Kharif 2018 (PSP)</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
Paddy	Mahamaya	2700.00	1500.00	0.00	0.00
	IGKV R 1		1800.00	0.00	0.00
	Chandrhashni	0.00	0.00	0.00	1340.00
	Danteshwari	0.00	0.00	0.00	975.00
	Samleshwari	0.00	0.00	0.00	1190.00
<b>Total</b>		<b>2700.00</b>	<b>3300.00</b>	<b>0.00</b>	<b>3505.00</b>

**(in quintals)**

<b>Rabi 2018-19 (PSP)</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>					
Wheat	DBW-110	650.00	1150.00	0.00	0.00
	MP-1203		600.00	0.00	0.00
	Ratan	0.00	0.00	700.00	750.00
<b>Total</b>		<b>650.00</b>	<b>1750.00</b>	<b>700.00</b>	<b>750.00</b>

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### Summary

**(in quintals)**

<b>University/Institute Farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	2800.00	4281.07	852.80	3125.70	<b>3652.80</b>	<b>7406.77</b>
Certified seed	1500.00	2049.27	986.00	2339.50	<b>2486.00</b>	<b>4388.77</b>
Truthfully labelled seed	0.00	159.59	0.00	300.00	<b>0.00</b>	<b>459.59</b>



<b>Total</b>	<b>4300.00</b>	<b>6489.93</b>	<b>1838.80</b>	<b>5765.20</b>	<b>6138.80</b>	<b>12255.13</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Tissue culture	0.00	4.00	0.00	0.00	0.00	4.00
<b>Total</b>	<b>0.00</b>	<b>4.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.00</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	0.00	0.00	650.00	1750.00	<b>650.00</b>	<b>1750.00</b>
Certified seed	2700.00	3300.00	0.00	0.00	<b>2700.00</b>	<b>3300.00</b>
Truthfully labelled seed	0.00	3505.00	700.00	750.00	<b>700.00</b>	<b>4255.00</b>
<b>Total</b>	<b>2700.00</b>	<b>6805.00</b>	<b>1350.00</b>	<b>2500.00</b>	<b>4050.00</b>	<b>9305.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

### Quality seed production at university farms

<b>Kharif 2018 (Institute)</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	IGKV R 1	2800.00	1464.42	1500.00	975.80		15.68
	Mahamaya		458.00		408.00		45.18
	Karma Mahsuri		656.58		24.99		-
	Indira arobic 1		242.42		119.26		-
	IGKV R 1244		377.34		-		-
	DRR Dhan 42		50.15		-		-
	Danteswari		23.50		63.75		-
	CG Sugandhit Bhog		99.91		28.90		-
	IGKV R 2		233.75		-		-
	Indira Barani Dhan 1		81.60		-		15.30
	Dubraj Selection 1		26.99		-		-
	Badshah Bhog		-		-		-

	Selection 1						
	Bamleshwari		114.16		-		-
	CR Dhan 310		19.64		30.30		-
	Devbhog				-		69.62
	Tarun Bhog Selection 1		48.31		-		-
	Vishnu Bhog Selection 1		-		-		-
	Swarna		-		-		-
	Jaldubi		-		17.00		-
	MTU 1010		91.80		117.17		-
	CGZR-1		-		-		-
	Shyamla		-		-		-
	CG Madhuraj Dhan-55		-		-		-
Paddy Organic	Badshah Bhog Selection 1		-		-		4.76
	CG Sugandhit Bhog		-		-		-
	Dubraj Selection 1		-		-		-
	Vishnubhog Selection 1		-		-		-
	Tarunbhog Selection 1		-		-		-
Kodo	Indira Kodo 1		-	-	24.65	-	-
Ragi	CG Ragi 2		-	-	-	-	-
	Indira Ragi 1		20.00	-	21.25	-	-
<b>Pulses</b>				-		-	-
Pigeonpea	Asha		36.86	-	-	-	-
	Rajeev Lochan		59.95	-	25.45	-	2.40
Kulthi	Indira Kulthi 1		102.00	-	-	-	-
	CG Kulthi 3		-	-	-	-	-
Urdbean	Indira Urd 1		-	-	-	-	-
	Birsa Urd 1		-	-	15.30	-	-
	MASH-479		-	-	7.15	-	-
	PU-31		-	-	-	-	0.25
Oilseeds			-	-	-	-	-
Soybean	JS 97-52		-	-	55.60	-	-
	JS 93-05		-	-	114.70	-	-





	JS -335		11.05	-	-	-	-
	CG Soya-1		42.80	-	-	-	-
Niger	JNS 9		14.40	-	3.20	-	9.60
Sesamum	TKG-308		5.44	-	-	-	6.40
<b>Total</b>		<b>2800.00</b>	<b>4281.07</b>	<b>1500.00</b>	<b>2049.27</b>	<b>0.00</b>	<b>159.59</b>

(in quintals)

Rabi 2018-19 (Institute)		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat	GW 366	350.00	616.60	470.00	995.00	-	6.00
	DBW 110		12.00		-	-	
	Sujata		45.00		-	-	
	CG Genhu 4		-		-	-	
	MP 1203		24.00		25.00	-	-
	Ratan		1097.00		216.00	-	5.00
	HI 1544		-		-	-	35.00
	GW 273		-		316.00	-	-
	LoK-1		-		45.00	-	-
	JW 3288		-		-	-	-
	JW 3211	-	-	-	-	-	
	JW 3366	-	-	-	-	-	
	CG Genhu 3	-	-	-	-	-	
	CG Ambar Wheat	-	-	-	-	-	2.00
Wheat Organic		-	10.00	-	-	-	-
Paddy	MTU 1010	-	-	-	200.00	-	-
	Zinc Rice	-	-	-	-	-	32.00
	Madhuraj	-	-	-	-	-	32.00
	RRF-105	-	-	-	-	-	128.00
	Zinco Rice	-	-	-	-	-	32.00
Finger Millet	CG Ragi-2	1.20	8.00	-	-	-	-
	Indira Ragi-1	0.80	5.00	-	-	-	-
Kodo	Indira kodo- 1	0.80	4.00	-	-	-	-
Oat	Kent	-	-	2.00	16.00	-	-
<b>Pulses</b>							
Chickpea	Vaibhav	425.00	273.50	390.00	20.00	-	-
	Indira chana 1		-		-	-	
	JG 14		511.50		58.00	-	18.00



	RVG 202		30.00		-	-	-
	JG 130		-		55.00	-	-
	JAKI 9218		33.60		60.00	-	-
	Vaibhav (Org)		15.00		-	-	-
Lathyrus	Mahateora	-	12.00	-	-	-	-
	Prateek	-	10.00	-	-	-	2.00
Fieldpea	Paras	60.00	66.50	120.00	225.00	-	8.00
	Indira Matar 1	-	25.00	-	-	-	-
	Pant	-	-	-	5.00	-	-
	IPF 4-9	-	6.00	-	-	-	-
Moong	HUM-16	-	18.00	-	-	-	-
	HUM-12	-	25.00	-	-	-	-
	IPM 2-3	-	-	-	12.00	-	-
Lentil	JL-3	-	8.00	-	-	-	-
<b>Oilseeds</b>						-	-
Linseed	RLC 92	-	24.20	-	22.00	-	-
	Kartika	-	40.40	-	23.60	-	-
	Indira Alsi 32	-	66.40	-	23.90	-	-
Mustard	CG Sarson	15.00	139.00	4.00	10.00	-	-
Safflower	AKS-207	-	-	-	12.00	-	-
<b>Total</b>		<b>852.80</b>	<b>3125.70</b>	<b>986.00</b>	<b>2339.50</b>	<b>0.00</b>	<b>300.00</b>

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
Paddy	Mahamaya	2700.00	1500.00	-	-
	IGKV R 1		1800.00	-	-
	Chandrhashni	-	-	-	1340.00
	Danteshwari	-	-	-	975.00
	Samleshwari	-	-	-	1190.00
<b>Total</b>		<b>2700.00</b>	<b>3300.00</b>	<b>0.00</b>	<b>3505.00</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cerelas</b>					
Wheat	DBW-110	650.00	1150.00	-	-
	MP-1203		600.00	-	-



	Ratan	-	-	700.00	750.00
<b>Total</b>		<b>650.00</b>	<b>1750.00</b>	<b>700.00</b>	<b>750.00</b>

**Planting material**

<i>Kharif 2018</i>		Tissue culture plantlets (in lakhs)	
Crops	Variety	Target	Production
Sugarcane	Co-86032,CO-671, Co-0265, J-64.	-	4.00
<b>Total</b>		<b>-</b>	<b>4.00</b>

**24. Centre :** Jawaharlal Nehru Krishi Vishwavidyalaya (Department of Plant Breeding & Genetics) Adhartal, Jabalpur 482 004, Madhya Pradesh.

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**Summary**

(in quintals)

University/Institute Farm						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	1.09	1.15	0.00	0.00	<b>1.09</b>	<b>1.15</b>
<b>Total</b>	<b>1.09</b>	<b>1.15</b>	<b>0.00</b>	<b>0.00</b>	<b>1.09</b>	<b>1.15</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	14091.00	16449.00	14120.00	15774.00	<b>28211.00</b>	<b>32223.00</b>
<b>Total</b>	<b>14091.00</b>	<b>16449.00</b>	<b>14120.00</b>	<b>15774.00</b>	<b>28211.00</b>	<b>32223.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Foundation seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Paddy	Kranti	2155.00	2368.00
	MTU-1010	2650.00	3150.00
	IR-64	3000.00	3350.00
	JR-81	1550.00	1810.00
	PS-1460	890.00	950.00
	PS-5	695.00	810.00
	WGL-32183	505.00	610.00
	JR-206	310.00	385.00
	PS-4	601.00	745.00
	JR-767	586.00	890.00
	JRB-1	294.00	351.00
	Imp. Chhinor	230.00	310.00
	Imp. Jera Shankar	350.00	410.00
Maize	JM-216	45.00	51.00
<b>Pulses</b>			
Arhar	TJT-501	230.00	259.00
<b>Total</b>		<b>14091.00</b>	<b>16449.00</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	GW-322	3100.00	3400.00
	GW-273	845.00	1050.00
	LOK-1	150.00	268.00
	JW-3288	2970.00	3146.00
	JW-3382	3250.00	3489.00
	JW-3211	665.00	750.00
	GW-366	575.00	611.00
	C-306	75.00	86.00
	MP-1203	251.00	279.00
	MP-1202	320.00	345.00
Barley	JB-1	16.00	26.00
	JB-58	15.00	21.00
<b>Pulses</b>			
Gram	JG-14	75.00	81.00



	JG-12	950.00	1189.00
Pea	PSM-3	315.00	368.00
	Aman	41.00	56.00
	Kashi Nandani	352.00	378.00
<b>Oil seeds</b>			
Mustard	Pusa Jaikisan	45.00	86.00
Lentil	RVL 11-06	110.00	145.00
<b>Total</b>		<b>14120.00</b>	<b>15774.00</b>

**Planting material**

<i>Kharif 2018</i>	Tissue culture plantlets (in lakhs)	
	Target	Production
<b>Crop</b>		
Fodder crops	1.09	1.15
<b>Total</b>	<b>1.09</b>	<b>1.15</b>

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**Summary**

(in quintals)

University / Institute Farm						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	9.60	7.50	80.00	80.00	<b>89.60</b>	<b>87.50</b>
Certified seed	287.00	200.10	12.00	12.00	<b>299.00</b>	<b>212.10</b>
TFL seed	330.80	83.94	192.00	192.00	<b>522.80</b>	<b>275.94</b>
<b>Total</b>	<b>627.40</b>	<b>291.54</b>	<b>284.00</b>	<b>284.00</b>	<b>911.40</b>	<b>575.54</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Tissue culture	0.01	0.01	-	-	0.01	0.01
<b>Total</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at university farms

(in quintals)

<i>Kharif</i> 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Sorghum	PVK 801	9.60	7.50	0.00	0.00	60.00	0.00
Bajra	ABPC 4-3	0.00	0.00	0.00	0.00	11.00	0.70
Paddy	Terna	0.00	0.00	0.00	0.00	0.00	0.00
Paddy	TJP 48	0.00	0.00	0.00	0.00	0.00	0.00
<b>Pulses</b>							
Mung	BM 4	0.00	0.00	0.00	0.00	6.00	1.60
<b>Oilseeds</b>							
Soybean	MAUS 162	0.00	0.00	0.00	0.00	10.00	16.79
	MAUS 71	0.00	0.00	0.00	0.00	157.00	36.20
	JS 93-05	0.00	0.00	0.00	0.00	6.00	5.85
Groundnut	LGN 1	0.00	0.00	0.00	0.00	8.00	4.80
Sunflower	LSFH 171	0.00	0.00	0.00	0.00	14.00	4.20
<b>Fibre crops</b>							
Cotton	NH 615	0.00	0.00	0.00	0.00	24.00	2.40
	NH 635	0.00	0.00	0.00	0.00	10.80	3.93
	PA 08	0.00	0.00	0.00	0.00	6.00	2.50
	PA 255	0.00	0.00	0.00	0.00	0.00	0.00
	PA 528	0.00	0.00	0.00	0.00	12.00	2.25
	PA 740	0.00	0.00	0.00	0.00	12.00	2.72
Jute	JRO 524	0.00	0.00	287.00	200.10	0.00	0.00
<b>Total</b>		<b>9.60</b>	<b>7.50</b>	<b>287.00</b>	<b>200.10</b>	<b>330.80</b>	<b>83.94</b>

(in quintals)

<i>Rabi</i> 2018-19 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Wheat	NIAW 1415	20.00	20.00	0.00	0.00	0.00	0.00
Wheat	NIAW 1994	60.00	60.00	0.00	0.00	0.00	0.00
Sorghum	Parbhani Moti	-	-	-	-	132.00	132.00
Sorghum	CSV 18	0.00	0.00	12.00	12.00	0.00	0.00
Sorghum	SPV 2407	0.00	0.00	0.00	0.00	60.00	60.00
<b>Total</b>		<b>80.00</b>	<b>80.00</b>	<b>12.00</b>	<b>12.00</b>	<b>192.00</b>	<b>192.00</b>



**Planting material**

Crops	Tissue culture plantlets (in lakhs)	
	Target	Production
<b>Kharif 2018</b>		
Fodder crops	0.01	0.01
<b>Total</b>	<b>0.01</b>	<b>0.01</b>

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**Summary**

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1060.40	1589.18	705.00	1040.00	1765.40	2629.18
Certified seed	861.00	763.14	660.00	804.00	1521.00	1567.14
Truthfully labelled seed	277.20	287.15	356.50	445.00	633.70	732.15
<b>Total</b>	<b>2198.60</b>	<b>2639.47</b>	<b>1721.50</b>	<b>2289.00</b>	<b>3920.10</b>	<b>4928.47</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	55.90	50.41	0.00	0.00	55.90	50.41
<b>Total</b>	<b>55.90</b>	<b>50.41</b>	<b>0.00</b>	<b>0.00</b>	<b>55.90</b>	<b>50.41</b>
Farmers' field						
Certified seed	0.00	0.00	5950.00	7550.00	5950.00	7550.00
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>5950.00</b>	<b>7550.00</b>	<b>5950.00</b>	<b>7550.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at university farms

(in quintals)

Kharif 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Pearl millet	DHLB-8A	2.00	3.93	0.00	0.00	0.00	0.00
	DHLB-8B	0.00	0.00	0.00	0.00	0.00	0.00
	DHLBI-967	1.00	0.40	0.00	0.00	0.00	0.00
	Dhanshakti	0.00	0.00	0.00	0.00	14.00	16.00
	Adishakti	0.00	0.00	0.00	0.00	30.00	10.94
Paddy	Indrayani	120.00	134.00	360.00	335.00	0.00	0.00
	P.Radha	0.00	0.00	0.00	0.00	15.00	21.00
	Bhogawati	15.00	9.50	0.00	0.00	30.00	31.00
	P. Samrudhi	20.00	28.00	30.00	45.00	0.00	0.00
Bajara	Giant Bajra	0.00	0.00	0.00	0.00	5.20	2.00
Finger millet	P.Nachani	2.00	2.00	0.00	0.00	0.00	0.00
Little millet	P.Ekadashi	0.40	0.20	0.00	0.00	0.00	0.00
<b>Pulses</b>							
Pigeonpea	Vipula	10.00	0.00	0.00	0.00	0.00	0.00
	Rajeshwari	0.00	18.00	0.00	0.00	0.00	20.00
	BDN-711	0.00	8.00	0.00	0.00	0.00	0.00
Greengram	Vaibhav	0.00	0.00	5.00	2.00	0.00	0.00
	BM-2003-02	0.00	10.15	35.00	25.00	0.00	0.00
Blackgram	TAU-1	15.00	6.00	30.00	15.00	10.00	11.00
Cowpea	Sweta	0.00	0.00	0.00	0.00	2.00	0.74
	P.Vithai	0.00	0.00	0.00	0.00	3.00	0.50
<b>Oil Seeds</b>							
Sesame	JLT-408	0.00	0.00	1.00	1.14	0.00	0.00
Cotton	JLA-794	0.00	0.00	0.00	0.00	0.00	20.00
	JLA-505	0.00	0.00	0.00	0.00	0.00	5.00
	P.Dhanwantari	0.00	0.00	0.00	0.00	0.00	1.00
	Phule-0688	0.00	0.00	0.00	0.00	0.00	0.10
	P.Anmol	0.00	0.00	0.00	0.00	0.00	0.05
	RHC-717	0.00	0.00	0.00	0.00	0.00	0.05
	RHCb-011(P.Rukhmai	0.00	0.00	0.00	0.00	0.00	0.02
Soybean	JS-335	500.00	580.00	350.00	310.00	0.00	0.00
	P.Kalyani(DS-228)	200.00	528.00	0.00	0.00	0.00	0.00
	P.Agrani (KDS-	25.00	40.00	0.00	0.00	0.00	0.00





	344)						
	JS 93-05	100.00	168.00	0.00	0.00	0.00	0.00
	P.Sangam (KDS-726)	50.00	52.00	0.00	0.00	160.00	140.00
Sunflower	P.Bhaskar	0.00	0.00	0.00	0.00	5.00	5.25
<b>Forage Crops</b>							
Maize	A.Tall	0.00	1.00	50.00	30.00	0.00	0.00
Stylo	P.kranti	0.00	0.00	0.00	0.00	3.00	2.50
<b>Total</b>		<b>1060.40</b>	<b>1589.18</b>	<b>861.00</b>	<b>763.14</b>	<b>277.20</b>	<b>287.15</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Sorghum	P.Anuradha	5.00	10.00	0.00	5.00	8.00	15.00
	P.Panchmi	0.00	0.00	0.00	0.00	1.00	2.00
	P.Ruchira	0.00	0.00	0.00	0.00	5.00	8.00
	P.Revati	25.00	40.00	100.00	125.00	0.00	0.00
	P.Vasudha	25.00	40.00	50.00	80.00	0.00	0.00
	P.Godhan	0.00	0.00	0.00	0.00	10.00	15.00
	P.Suchitra	10.00	20.00	80.00	110.00	0.00	0.00
	P.Rohini (RPAS-3)	0.00	0.00	0.00	0.00	0.50	1.00
	P.Madhur(RSSGV-46)	0.00	0.00	0.00	0.00	4.00	6.00
Wheat	HD-2189	25.00	30.00	0.00	0.00	0.00	0.00
	Thrimbak (NIAW-301)	50.00	60.00	0.00	0.00	10.00	15.00
	Netrawati (NIAW-1415)	150.00	200.00	0.00	0.00	0.00	0.00
	P.Samadhan(NIAW-1994)	20.00	150.00	380.00	450.00	150.00	200.00
<b>Pulses</b>							
Chickpea	Vijay	100.00	50.00	50.00	34.00	0.00	0.00
	Vishal	20.00	30.00	0.00	0.00	0.00	0.00
	Digvijay	200.00	250.00	0.00	0.00	150.00	123.00
	Virat	25.00	35.00	0.00	0.00	0.00	0.00
	Vikram	30.00	100.00	0.00	0.00	0.00	0.00
	Kripa	20.00	5.00	0.00	0.00	0.00	0.00
Rajmesh	Varun	0.00	0.00	0.00	0.00	0.00	22.00
	P. Rajma	0.00	0.00	0.00	0.00	0.00	6.00
<b>Oil Seeds</b>							
Safflower	SSF-708	0.00	20.00	0.00	0.00	0.00	0.00

	P.Chandrabhaga	0.00	0.00	0.00	0.00	4.00	8.00
<b>Forage Crops</b>							
Berseem	Vardan	0.00	0.00	0.00	0.00	0.00	3.00
Oat	P.Harita	0.00	0.00	0.00	0.00	10.00	15.00
	P.Surbhi	0.00	0.00	0.00	0.00	4.00	6.00
<b>Total</b>		<b>705.00</b>	<b>1040.00</b>	<b>660.00</b>	<b>804.00</b>	<b>356.50</b>	<b>445.00</b>

### Planting material

<i>Kharif 2018</i>		Planting material (in lakhs)	
Crops	Variety	Target	Production
Sugarcane	Co-86032	15.25	14.03
	CoM-0265	25.50	23.09
	MS-1001	10.00	8.58
	Co-94012	5.00	3.79
	CoM-09057	0.15	0.92
<b>Total</b>		<b>55.90</b>	<b>50.41</b>

### Quality seed production at farmer's field

(in quintals)

<i>Rabi 2018-19</i> PSP		Certified seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Sorghum	P.Anuradha	100.00	150.00
	P.Revati	850.00	1000.00
	P.Vasudha	1500.00	2000.00
	P.Suchitra	1400.00	1700.00
Wheat	P.Samadhan (NIAW-1994)	1200.00	1500.00
Pulses			
<b>Chickpea</b>	Digvijay	900.00	1200.00
<b>Total</b>		<b>5950.00</b>	<b>7550.00</b>



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**Summary**

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	77.00	83.35	0.00	0.00	77.00	83.35
Certified seed	104.00	241.90	0.00	0.00	104.00	241.90
Truthfully labelled seed	442.55	696.44	117.20	117.54	559.75	813.98
<b>Total</b>	<b>623.55</b>	<b>1021.69</b>	<b>117.20</b>	<b>117.54</b>	<b>740.75</b>	<b>1139.23</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at university farms**

(in quintals)

Kharif 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Sorghum	Kartiki	-	-	-	-	6.60	0.04
	SPV 669	-	-	-	-	7.20	0.00
	AKSV-181	-	-	-	-	6.00	9.56
Paddy	PKV HMT	20.00	69.55	20.00	114.33	80.00	213.82
	SAKOLI 10	-	-	-	-	30.00	13.66
	PDKV Tilak	-	-	-	-	30.00	116.26
	SYE-2001	-	-	-	-	20.00	32.48
	PKV Ganesh	-	-	-	-	10.00	12.18
	PKV Khamang	-	-	-	-	10.00	20.16
Maize	PKV KISAN	-	-	-	-	10.00	43.36
	PKV-Shatak	-	-	-	-	20.00	6.08
<b>Pulses</b>							
Tur	PKV Tara	-	-	-	-	49.00	57.98



Mung	BM 2003-2	-	-	24.00	25.87	-	-
	BM 2002-1	-	-	6.00	6.05	-	-
	AKM 9911	-	-	-	-	6.00	16.46
	KOPERGAON	-	-	-	-	9.00	1.72
Udid	AKU-10-1	6.00	1.24	6.00	4.95	6.00	0.24
	TAU-1	12.00	1.84				
	AKU-15	12.00	10.72	12.00	14.40	12.00	12.91
<b>Oilseeds</b>							
G.Nut	AK-159	-	-	-	-	9.00	0.00
	PDKVG 335	-	-	-	-	4.50	0.00
	TAG 73	-	-	-	-	4.50	0.00
Soybean	JS-335	-	-	9.00	0.00	27.00	42.08
	MAUS-71	9.00	0.00	18.00	37.90	27.00	11.62
	MAUS 162	4.50	0.00				
	NRC 37					4.50	22.56
	JS-9305	13.50	0.00	9.00	38.40	-	-
Sesamum	AKT-101	-	-	-	-	2.00	0.31
	AKT-64	-	-	-	-	2.00	1.01
<b>Fibre crops</b>							
Cotton	AKH-081	-	-	-	-	15.75	13.50
	AKA-7	-	-	-	-	4.50	4.93
Sunhemp	K 12	-	-	-	-	15.00	33.60
Dhaincha	Local	-	-	-	-	15.00	16.00
<b>Total</b>		<b>77.00</b>	<b>83.35</b>	<b>104.00</b>	<b>241.90</b>	<b>442.55</b>	<b>696.44</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	AKW-4210-6 (PDKV Sardar)	12.00	8.00
	PKV WASHIM	24.00	28.00
<b>Pulses</b>			
Gram	GULAK-1	7.00	0.40
	JAKI-92-18	46.40	48.00
<b>Oilseeds</b>			
Safflower	AKS-207	15.40	20.00
	PKV PINK	7.00	7.20
Linseed	NL-260	2.40	2.80
Mustard	ACN-9	1.60	1.84
Sesamum	NT 11	1.00	1.00



	Pusa Vaishakhi	0.40	0.30
<b>Total</b>		<b>117.20</b>	<b>117.54</b>

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**Summary**

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	226.30	392.00	0.00	0.00	226.30	392.00
Truthfully labelled seed	1053.70	615.75	140.60	175.30	1194.30	791.05
<b>Total</b>	<b>1280.00</b>	<b>1007.75</b>	<b>140.60</b>	<b>175.30</b>	<b>1420.60</b>	<b>1183.05</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	3.00	2.40	0.00	0.00	3.00	2.40
Tissue culture	0.15	0.15	0.00	0.00	0.15	0.15
<b>Total</b>	<b>3.15</b>	<b>2.55</b>	<b>0.00</b>	<b>0.00</b>	<b>3.15</b>	<b>2.55</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	1775.00	746.41	53.00	51.50	1828.00	797.91
<b>Total</b>	<b>1775.00</b>	<b>746.41</b>	<b>53.00</b>	<b>51.50</b>	<b>1828.00</b>	<b>797.91</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at university farms

(in quintals)

<i>Kharif</i> 2018 Institute		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
Paddy	RTN-1	1.00	58.80	309.00	225.16
	RTN-5	15.60	34.40	-	4.00
	RTN-6	-	-	6.00	7.60
	RTN-7	-	-	66.00	17.29
	RTN-24	37.50	67.68	105.00	26.90
	KJT-2	15.60	68.00	141.00	56.25
	KJT-3	60.00	79.18	54.90	44.55
	KJT-4	-	-	12.00	14.00
	KJT-5	15.60	20.29	-	-
	KJT-6	50.00	39.87	-	-
	KJT-7	10.00	11.50	30.00	6.00
	KJT-8	20.00	11.28	18.00	18.00
	KJT-9	-	-	70.50	46.80
	KJT-184	-	-	4.80	12.20
	PLG-1	-	-	48.00	42.08
	PLG-2	-	-	9.00	4.50
	PNL-1	-	-	60.00	42.08
	PNL-2	-	-	30.00	
	PNL-3	-	-	30.00	15.31
Nagli	Dapoli-1	1.00	1.00	38.50	17.04
	Dapoli Safed-1	-	-	3.00	3.26
	Dapoli-2	-	-	3.00	7.72
<b>Pulses</b>					
Pigeonpea	Konkan Tur-1	-	-	1.00	-
<b>Oil seeds</b>					
Groundnut	TKG-Bold	-	-	6.00	4.25
	Konkan Bhuratn	-	-	8.00	0.76
<b>Total</b>		<b>226.30</b>	<b>392.00</b>	<b>1053.70</b>	<b>615.75</b>



(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Paddy</b>	RTN-1	23.00	35.00
	RTN-6	10.00	22.00
	RTN-7	-	2.50
	RTN-8	4.00	7.50
	RTN-24	3.80	12.00
<b>Hybrid Paddy</b>	Sahyadri (F <sub>1</sub> )	21.00	40.00
	Sahyadri -2 (F <sub>1</sub> )		
	Sahyadri -3 (F <sub>1</sub> )		
	Sahyadri -4 (F <sub>1</sub> )		
	Sahyadri -5 (F <sub>1</sub> )	1.00	1.50
<b>Pulses</b>			
Cowpea	Konkan Sadabahar	6.10	6.10
	Konkan Safed	5.10	5.10
Lablab bean	Konkan Wal-2	15.50	15.50
Horsegram	Dapoli Kulathi-1	10.70	10.70
Moong	Dapoli Moong-1	0.30	0.60
<b>Oil seeds</b>			
Groundnut	TKG-Bold	4.20	2.00
	Konkan Gaurav	3.20	1.50
	Konkan Bhuratn	31.40	12.00
Mustard	Varuna	1.30	1.30
<b>Total</b>		<b>140.60</b>	<b>175.30</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
Paddy	RTN-1	180.00	65.00
	RTN-5	120.00	-
	RTN-6	30.00	11.20
	RTN-7	30.00	-
	RTN-24	60.00	9.27
	KJT-2	450.00	162.18
	KJT-3	180.00	126.08



	KJT-5	30.00	-
	KJT-6	90.00	15.00
	KJT-7	150.00	175.92
	KJT-8	90.00	49.50
	KJT-9	90.00	13.29
	KJT-10	15.00	0.00
	KJT-184	120.00	63.67
	Nagli Dapoli-1	10.00	0.50
	<b>Oil seeds</b>		
	Groundnut TKG-Bold	30.00	8.35
	Konkan Bhuratn	100.00	46.45
	<b>Total</b>	<b>1775.00</b>	<b>746.41</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Paddy	RTN-1	6.00	8.00
<b>Pulses</b>			
Cowpea	Konkan Safed	8.00	8.00
Lablab bean	Konkan Wal-2	6.00	7.00
Horsegram	Dapoli Kulathi-1	3.00	3.50
<b>Oil seeds</b>			
Groundnut	Konkan Bhuratn	30.00	25.00
<b>Total</b>		<b>53.00</b>	<b>51.50</b>

**Planting material**

<b>Crops</b>	<b>Planting material (in lakhs)</b>		<b>Tissue culture (in lakhs)</b>	
	<b>Target</b>	<b>Production</b>		
<b>Kharif 2018</b>				
Fodder setts	3.0	2.4	0.15	0.15
<b>Total</b>	<b>3.0</b>	<b>2.4</b>	<b>0.15</b>	<b>0.15</b>





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**Summary**

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1947.50	1103.57	136.00	74.00	2083.50	1177.57
Certified seed	2679.00	1206.37	68.00	8.00	2747.00	1214.37
Truthfully labelled seed	352.00	219.13	0.00	0.00	352.00	219.13
<b>Total</b>	<b>4978.50</b>	<b>2529.07</b>	<b>204.00</b>	<b>82.00</b>	<b>5182.50</b>	<b>2611.07</b>
Planting materials (q)	-	764.44	-	-	-	764.44
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	-	0.56	-	-	0.00	0.56
Tissue culture	-	1.68	-	-	0.00	1.68
<b>Total</b>	<b>0.00</b>	<b>2.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.24</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	220.00	137.85	50.00	0.00	270.00	137.85
Certified seed	24505.00	7971.11	1950.00	5162.58	26455.00	13133.69
Truthfully labelled seed	340.00	578.64	10.00	8.00	350.00	586.64
<b>Total</b>	<b>25065.00</b>	<b>8687.60</b>	<b>2010.00</b>	<b>5170.58</b>	<b>27075.00</b>	<b>13858.18</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at university farms

(in quintals)

Kharif 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	Thanu	15.00	133.74	-	201.00	-	-
	IR-64	40.00	-	-	-	-	-
	Rasi	20.00	-	-	-	-	-
	Jyothi	60.00	165.55	-	-	-	-
	Jaya	100.00	18.67	-	368.54		51.43
	IR-30864	-	-	-	-	50.00	-
	BR-2655	320.00	145.90	720.00	270.14	-	-
	MTU-1001	80.00	143.69	-	-	-	-
	Gangavathi sona	60.00	71.76	-	-	-	-
	Rajmudi	-	-	-	-	-	15.98
Hybrid paddy	CRMS-32A	10.00	-	-	-	-	-
	CRMS-32B	5.00	-	-	-	-	-
	MSN-36	10.00	-	-	-	-	-
Ragi	GPU-28	70.00	29.50	200.00	34.80	-	-
	MR-1	50.00	15.05	70.00	91.07	-	-
	MR-6	15.00	-	615.00	18.60	-	-
	Indaf-5	-	-	-	-	-	-
	Indaf-7	50.00	54.33	-	-	-	-
	Indaf-8	-	-	-	-	-	-
	Indaf-9	50.00	-	-	-	-	-
	KMR-301	70.00	-	125.00	-	-	28.20
	KMR-204	-	-	20.00	74.50	-	-
	ML-365	250.00	70.28	510.00	55.27	-	4.21
	KMR-630	-	-	-	-	-	-
	KMR 340	-	-	-	-	-	-
	L5	-	-	-	-	-	-
	GPU-48	50.00	-	-	-	-	-
	GPU-67	-	-	-	-	-	4.39
Little millet	OLM-204	-	-	-	-	55.00	
	OLM-203	-	-	-	-	-	5.29
	JK-8	-	-	-	-	-	0.22
Foxtail millet	SiA 3156	-	-	-	-	3.00	
	SiA 3085	-	-	10.00			1.50
	SiA 3088	-	-	-	-	15.00	1.68



	HMT-100-1	-	-	-	-	10.00	
Kodo millet	PSE-1/RBK-155	-	-	-	-	20.00	
	RK-390-25	-	-	-	-	-	2.88
Korlae	Local	-	-	-	-	-	2.92
Baragu	TNAU-145	-	-	-	-	-	0.67
Udalu	VL-207-172	-	-	-	-	-	0.92
Maize	African tall	25.00	-	25.00	-	-	15.18
	MAH-14-5		-	-	-	25.00	-
Pulses							
Redgram	BRG-1	130.00	34.20	110.00	31.27	-	-
	BRG-2	90.00	32.20	12.00		-	-
	BRG-3	-	-	40.00	-	-	22.98
	BRG-4	83.00	39.00	8.00	-	-	
	BRG-5	116.00	117.72	45.00	8.32		5.35
Cowpea	C-152	37.00	-	-	-	-	-
	IT-38956-1	17.00	15.21	-	-	-	-
	KBC-1	0.50	-	-	-	-	-
	KBC-2	35.00	-	20.00	4.35		
	KBC-9	3.00	-	-	-	-	-
	PKB-6	5.00	-	-	-	-	-
	KM-5	20.00	-	-	-	-	-
	MFC-08-14	20.00	3.14	-	1.40	-	-
	MFC-09-1	-	-	-	-	-	10.18
Greengram	KKM-3	15.00	-	23.00	30.48	-	-
Blackgram	Rashmi	13.00	-	-	5.93	-	-
	LBG-791		-	3.00		4.00	-
Fieldbean	HA-3	10.00	-	-	-	-	1.15
	HA-4	3.00	13.63	36.00	10.70		7.01
Horsegram	PHG-9	-	-	54.00	-	132.00	36.99
Oilseeds		-	-		-	-	-
Castor	DCS-9	-	-	10.00	-		-
Niger	KBN-1	-	-		-	2.00	-
Sesamum	GT-1	-	-	23.00	-	-	-
Soybean	JS-335	-	-	-	-	-	-
Sunhemp		-	-	-	-	31.00	-
Dhiancha		-	-	-	-	5.00	-
<b>Total</b>		<b>1947.50</b>	<b>1103.57</b>	<b>2679.00</b>	<b>1206.37</b>	<b>352.00</b>	<b>219.13</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Ragi	Indaf-7	-	-	50.00	-
	MR-6	-	35.00	-	-
	KMR-301	-	20.00	-	-
<b>Pulses</b>					
Cowpea	MFC-09-1	20.00	5.00	-	-
Greengram	KKM-3	15.00	5.00	-	-
Field bean	HA-3	28.00	4.00	-	-
	HA-4	23.00	5.00	18.00	8.00
Bengalgram	JAKI-9218	50.00	-	-	-
	<b>Total</b>	<b>136.00</b>	<b>74.00</b>	<b>68.00</b>	<b>8.00</b>

**Planting material**

<b>Kharif 2018</b>	<b>Planting material production (in quintals)</b>	<b>Planting material production (in lakh)</b>	<b>Tissue culture plantlets production (in lakhs)</b>
Tissue culture plants (numbers)	-	-	1.60
Fodder(CO-4, CO-5, BG-2, DHN-6, Vetteveria) (Nos)	-	0.56	-
CoFS-31	1.60	-	-
CoFS-29	12.84	-	-
Sugarcane	750	-	0.08
<b>Total</b>	<b>764.44</b>	<b>0.56</b>	<b>1.68</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	Thanu	-	-	150.00	13.00	-	-
	IR 64	-	-	100.00	-	-	-
	Jyothi	-	86.80	-	-	-	-
	Jaya	-	-	1500.00	413.32	-	33.00
	BR-2655	-	-	10000.00	3453.89	-	-



	MTU-1001	-	-	500.00	1043.24	-	45.44
	Gangavathi Sona	-	27.10	-	18.31	-	-
Ragi	GPU-28	-	-	1000.00	81.81	-	-
	MR-1	-	-	500.00	769.11	-	-
	MR-6	-	-	1000.00	936.59	-	-
	Indaf-7	-	-	500.00	291.52	-	176.58
	Indaf-9	-	-	-	80.00	-	-
	KMR-301	-	-	650.00	122.49	-	-
	KMR-204	-	-	-	-	-	12.17
	KMR-340	-	23.95	-	-	-	18.94
	ML-365	-	-	2500.00	346.80	-	-
	GPU-48	-	-	500.00	-	-	-
Kodo millet	PSE-1/RBK-155	-	-	-	-	100.00	-
Maize	NAH-1137 (Hema)	-	-	400.00	-	-	-
	MAH-14-5	-	-	-	-	200.00	-
<b>Pulses</b>		-	-	-	-	-	-
Redgram	BRG-1	-	-	400.00	110.21	-	-
	BRG-2	-	-	2000.00	-	-	-
	BRG-4	-	-	150.00	-	-	-
	BRG-5	-	-	1500.00	289.02	-	1.15
Cowpea	C-152	-	-	100.00	-	-	-
	IT-38956-1	-	-	50.00	-	-	1.50
	KBC-2	-	-	50.00	-	-	-
	PKB-6	-	-	50.00	-	-	-
	PGCB-6	-	-	-	-	-	5.10
	AV-5	20.00	-	-	-	-	-
	KM-5	-	-	30.00	-	-	-
	AV-6	-	-	-	-	-	3.23
	KMC-11	-	-	-	-	-	6.32
	MFC-08-14	-	-	50.00	-	-	-
	MFC-09-1	-	-	25.00	-	-	1.18
Green gram	KKM-3	-	-	50.00	1.80	-	-
Blackgram	Rashmi	50.00	-	-	-	-	-
	LBG-79	-	-	-	-	-	27.58
Fieldbean	HA-3	100.00	-	-	-	-	113.68
	HA-4	-	-	150.00	-	-	117.53
Horsegram	PHG-9	-	-	500.00	-	-	7.66
<b>Oilseeds</b>		-	-	-	-	-	-
Groundnut	KCG-6	-	-	50.00	-	-	7.58
	GKVK-5	-	-	50.00	-	-	-
	ICGV-91114	50.00	-	-	-	-	-

Sesamum	GT-1		-	-	-	40.00	-
<b>Total</b>		<b>220.00</b>	<b>137.85</b>	<b>24505.00</b>	<b>7971.11</b>	<b>340.00</b>	<b>578.64</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	Jaya	-	-	-	2080.00	-	-
	KRH-4	-	-	500.00	720.00	-	-
Ragi	Indaf-7	-	-	-	470.00	-	-
	Indaf-9	-	-	-	80.00	-	-
	KMR-301	-	-	-	400.00	-	-
	MR-1	-	-	-	30.00	-	-
	KMR-204	-	-	-	60.00	-	-
<b>Pulses</b>							
Bengalgram	JG-11	-	-	350.00	155.00	-	-
	JAKI-9218	-	-	350.00	-	-	-
<b>Oilseeds</b>							
Sunflower	KBSH-41	-	-	250.00	460.00	-	-
	KBSH-44	-	-	150.00	250.00	-	-
	KBSH-53	-	-	300.00	450.00	-	-
	KBSH-78	-	-	-	-	10.00	4.00
	KBSH-79	-	-	-	-	-	4.00
Groundnut	KCG-6	-	-	50.00	7.58	-	-
	ICGV-91114	50.00	-	-	-	-	-
<b>Total</b>		<b>50.00</b>	<b>0.00</b>	<b>1950.00</b>	<b>5162.58</b>	<b>10.00</b>	<b>8.00</b>

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**Summary**

(in quintals)

<b>University / Institute Farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	717.50	574.50	1155.71	1215.80	<b>1873.21</b>	<b>1790.30</b>
Certified seed	700.00	975.00	5535.00	4719.00	<b>6235.00</b>	<b>5694.00</b>
<b>Total</b>	<b>1417.50</b>	<b>1549.50</b>	<b>6690.71</b>	<b>5934.80</b>	<b>8108.21</b>	<b>7484.30</b>
Planting materials (q)	<b>7900.00</b>	<b>4000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Farmers' field</b>						
Foundation seed	443.00	346.50	390.00	400.00	<b>833.00</b>	<b>746.50</b>
Certified seed	3915.00	2020.00	3720.00	3840.00	<b>7635.00</b>	<b>5860.00</b>
<b>Total</b>	<b>4358.00</b>	<b>2366.50</b>	<b>4110.00</b>	<b>4240.00</b>	<b>8468.00</b>	<b>6606.50</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at university farms**

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	Abhilash	20.00	20.00	200.00	350.00
	Jaya	20.00	20.00	-	-
	Hemavati	-	-	50.00	175.00
	Intan	15.00	7.00	-	-
Maize	CI-4	6.00	5.00	-	-
	African Tall	210.00	170.00	-	-
Foxtail millet	DHFT-109-3	2.00	3.00	50.00	45.00
Little millet	DHLM-36-3	1.00	2.00	-	-
Proso millet	DHPM-2769	-	-	10.00	5.00
Barnyard Millet	DHBM-93-2	0.50	1.00	20.00	15.00
Pearl millet	ICTP-8203	-	-		
	ICMV-221	-	-	0.00	2.00



Finger millet	DHFM-78-3	-	-	0.00	0.50
<b>Pulses</b>		-	-	-	-
Blackgram	DBGV-5	-	-	50.00	86.00
Greengram	DGGV-2	100.00	81.50	110.00	100.00
	DGGV-7			0.00	1.50
	IPM-2-14	10.00	2.00	10.00	2.00
Redgram	TS-3R	80.00	10.00	200.00	193.00
<b>Oilseeds</b>					
Soybean	JS-335	100.00	100.00	-	-
	DSb-21	150.00	150.00	-	-
Sesamum	DS-5	2.00	2.00	-	-
Niger	DNS-4	1.00	1.00	-	-
<b>Total</b>		<b>717.50</b>	<b>574.50</b>	<b>700.00</b>	<b>975.00</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Sorghum	M-35-1	100.00	150.00	500.00	510.00
	SPV 2217	-	-	300.00	300.00
	CSV 29R	5.00	5.00	50.00	50.00
	Muguti(5-4-1)	20.00	20.00	30.00	30.00
	BJV 44	-	-	50.00	50.00
Maize	CI 4	1.00	1.00	-	-
	CI 5	1.00	1.00	-	-
	KDMI 15	1.00	1.00	-	-
	GH-0727	-	-	15.00	15.00
	GPMH-1101	-	-	5.00	5.00
	KDMI 16	1.00	1.00		
Wheat	DWR-162	100.00	120.00	250.00	250.00
	UAS-304	150.00	150.00	150.00	140.00
	UAS 415	30.00	30.00	100.00	100.00
	UAS 428	25.00	25.00	150.00	150.00
	DDK-1025	10.00	10.00	30.00	30.00
	DDK-1029	50.00	50.00	100.00	100.00
	MACS	50.00	50.00	50.00	50.00
	UAS 375	10.00	10.00		
Millets	DHFt-	0.10	0.10	40.00	40.00





	109-3				
	DHLM-36-3	0.10	0.10	40.00	40.00
	DHLM-14-1	0.06	0.10	20.00	20.00
	DHPM-2769	0.10	0.10	30.00	30.00
	DHBM-93-2	0.05	0.10	15.00	15.00
	DHBM-93-3	0.10	0.10	25.00	25.00
	DHBM-23-3	0.10	0.10	25.00	25.00
	DHFM-78-3	0.10	0.10	30.00	30.00
<b>Pulses</b>					
Bengalgram	JG 11	40.00	30.00	750.00	800.00
	Jaki 9218	500.00	500.00	1700.00	800.00
	BGD-103	25.00	25.00	-	-
	BG 1105	10.00	10.00	-	-
Blackgram	DU-1	10.00	10.00	-	-
Greengram	IPM 2-14	5.00	5.00	-	-
Cowpea	DC-15	-	-	50.00	50.00
Frenchbean	Arka Sharath	-	-	2.00	2.00
Cluster bean	PNB	-	-	2.00	2.00
<b>Oilseeds</b>					
Safflower	A-1	10.00	10.00	100.00	130.00
Niger	DNS 4	1.00	1.00	16.00	20.00
Groundnut	G2-52	-	-	350.00	350.00
	GPBD-5	-	-	200.00	200.00
	GPBD-4	-	-	350.00	350.00
Soybean	DSb-23	-	-	10.00	10.00
<b>Total</b>		<b>1155.71</b>	<b>1215.80</b>	<b>5535.00</b>	<b>4719.00</b>

## Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>					
Blackgram	DU-1	-	-	200.00	80.00
	DBGV-5	-	-	25.00	30.00
Greengram	DGGV-2	100.00	81.50	140.00	129.00
	DGGV-1	-	-	50.00	30.00
	IPM-2-14	10.00	2.00	-	-
Cowpea	DC-15	-	-	100.00	25.00
Redgram	TS-3R	80.00	10.00	-	-
<b>OIL SEEDS</b>					
Groundnut	GPBD-4	-	-	500.00	15.00
	G 2-52	-	-	800.00	31.00
Soybean	JS-335	100.00	100.00	1200.00	1200.00
	JS-9305	-	-	300.00	30.00
	DSb-21	150.00	150.00	600.00	450.00
Sesamum	DS-5	2.00	2.00	-	-
Niger	DNS-4	1.00	1.00	-	-
<b>Total</b>		<b>443.00</b>	<b>346.50</b>	<b>3915.00</b>	<b>2020.00</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Wheat	DWR-162	-	-	250.00	260.00
	UAS-304	-	-	350.00	360.00
	UAS 415	-	-	50.00	50.00
	DDK-1025	-	-	70.00	70.00
	DDK-1029	-	-	100.00	100.00
	UAS 334	10.00	10.00	-	-
	UAS 347	10.00	10.00	-	-
	UAS 446	10.00	10.00	-	-
	MACS 6222	-	-	150.00	150.00
<b>Pulses</b>					
Bengalgram	JG 11	160.00	170.00	1750.00	1800.00
	Jaki 9218	-	-	800.00	850.00



	BGD-103	-	-	100.00	100.00
	BGD-111-01	-	-	100.00	100.00
<b>Oilseeds</b>					
Groundnut	G2-52	150.00	150.00	-	-
	GPBD-5	50.00	50.00	-	-
<b>Total</b>		<b>390.00</b>	<b>400.00</b>	<b>3720.00</b>	<b>3840.00</b>

**Planting material**

(in quintals)

<i>Kharif 2018</i>	<b>Planting material production</b>	
<b>Crops</b>	<b>Target</b>	<b>Prod.</b>
Sugarcane		
SNK-8789	5600	2500
SNK-9227	800	500
SNK-7680	700	300
SNK-9211	600	500
SNK-671	200	200
<b>Total</b>	<b>7900</b>	<b>4000</b>

**31. Center:** SR & TC, PJTSAU  
Rajendranagar, Hyderabad-30  
**Nodal Officer:** Dr. M.V. Nagesh Kumar  
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**Summary**

(in quintals)

<b>University / Institute Farm</b>						
<b>Particulars</b>	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	1785.00	1760.70	1150.00	1350.00	<b>2935.00</b>	<b>3110.70</b>
Truthfully labelled seed	405.00	424.00	308.00	313.00	<b>713.00</b>	<b>737.00</b>
<b>Total</b>	<b>2190.00</b>	<b>2184.70</b>	<b>1458.00</b>	<b>1663.00</b>	<b>3648.00</b>	<b>3847.70</b>

Planting materials	(in lakh)					
Planting material	0.00	0.00	1.00	1.00	1.00	1.00
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
Farmers' field	(in quintals)					
Foundation seed	980.00	1333.80	320.00	322.00	1300.00	1655.80
Certified seed	30.00	36.50	155.00	160.00	185.00	196.50
Truthfully labelled seed	250.00	300.00	300.00	300.00	550.00	600.00
<b>Total</b>	<b>1260.00</b>	<b>1670.30</b>	<b>775.00</b>	<b>782.00</b>	<b>2035.00</b>	<b>2452.30</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 Institute		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
Paddy	RNR - 15048	-	-	15.00	18.00
	JGL - 18047	100.00	100.00	150.00	155.00
	KNM-118	350.00	387.00	5.00	6.00
	BPT - 5204	1000.00	900.00	40.00	45.00
	WGL - 347	30.00	30.00	-	-
	WGL - 44	300.00	335.70	20.00	20.00
	JGL - 24423	-	-	175.00	180.00
<b>Pulses</b>		-	-	-	-
Redgram	MRG 1004	5.00	8.00	-	-
<b>Total</b>		<b>1785.00</b>	<b>1760.70</b>	<b>405.00</b>	<b>424.00</b>

### Planting material

Rabi 2018-19	Planting material (in lakhs)	
	Target	Production
Planting material	1.00	1.00
<b>Total</b>	<b>1.00</b>	<b>1.00</b>



(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	KNM 118	250.00	250.00	50.00	50.00
	MTU 1010	500.00	680.00	30.00	35.00
	RNR 15048	300.00	320.00	-	-
	WGL 44	100.00	100.00	-	-
	JGL 18047	-	-	80.00	80.00
	RNR - 10754	-	-	30.00	30.00
	JGL 24423	-	-	100.00	100.00
<b>Pulses</b>					
Greengram	WGG 42	-	-	3.00	3.00
Bengalgram	NBeG 3	-	-	15.00	15.00
<b>Total</b>		<b>1150.00</b>	<b>1350.00</b>	<b>308.00</b>	<b>313.00</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	JGL 18047	130.00	150.00	-	-	-	-
	BPT-5204	-	35.00	-	-	-	-
	KNM 118	100.00	130.00	-	-	-	-
	RNR 2458	50.00	50.00	-	-	-	-
	RNR 15048	400.00	582.80	-	-	250.00	300.00
	WGL 44	300.00	386.00	5.00	5.00	-	-
Maize	DHM 117	-	-	10.00	11.45	-	-
	Karimnagar Makka 1	-	-	15.00	20.05	-	-
<b>Total</b>		<b>980.00</b>	<b>1333.80</b>	<b>30.00</b>	<b>36.50</b>	<b>250.00</b>	<b>300.00</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	WGL 44	200.00	200.00	-	-	-	-
	RNR 15048	-	-	-	-	200.00	200.00



	JGL 24423	-	-	-	-	100.00	100.00
Sorghum	CSV 31	50.00	50.00	-	-	-	-
	PYPS 2	20.00	20.00	-	-	-	-
Pearl millet	PHB 3	-	-	20.00	20.00	-	-
Maize	Karimnagar Makka 1	-	-	20.00	25.00	-	-
	Karimnagar Makka	-	-	15.00	15.00	-	-
<b>Oilseeds</b>							
Castor	PCS 262	50.00	52.00	-	-	-	-
	PCH 111	-	-	100.00	100.00	-	-
<b>Total</b>		<b>320.00</b>	<b>322.00</b>	<b>155.00</b>	<b>160.00</b>	<b>300.00</b>	<b>300.00</b>

**32. Centre :** Tamil Nadu Agricultural University  
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### Summary

(in quintals)

University / Institute						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1040.20	1800.72	733.00	983.96	1773.20	2784.68
Certified seed	1380.00	797.26	1166.00	1043.20	2546.00	1840.46
Truthfully labelled seed	358.50	1318.73	609.50	917.16	968.00	2235.89
<b>Total</b>	<b>2778.70</b>	<b>3916.71</b>	<b>2508.50</b>	<b>2944.32</b>	<b>5287.20</b>	<b>6861.03</b>
Planting materials (q)	600.00	653.99	0.00	0.00	0.00	0.00
<b>Farmers' field</b>						
Foundation seed	282.00	287.54	105.00	101.89	387.00	389.43
Certified	290.00	334.50	550.00	455.19	840.00	789.69



seed						
Truthfully labelled seed	2279.00	2275.84	256.50	297.66	<b>2535.50</b>	<b>2573.50</b>
<b>Total</b>	<b>2851.00</b>	<b>2897.88</b>	<b>911.50</b>	<b>854.74</b>	<b>3762.50</b>	<b>3752.62</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

**Quality seed production at university farms**

(in quintals)

Kharif 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	ADT 37	100.00	60.30	0.00	0.00	0.00	40.00
	ADT39	0.00	79.79	30.00	58.80	0.00	19.20
	ADT 43	200.00	783.50	450.00	200.00	0.00	797.74
	CO 51	150.00	206.60	450.00	250.00	10.00	7.08
	Paiyur 1	25.00	26.69	120.00	148.46	100.00	130.19
	TKM 13	400.00	401.80	320.00	140.00	50.00	69.38
	TPS 5	100.00	165.90	0.00	0.00	50.00	54.00
	TSP 3	0.00	0.00	0.00	0.00	5.00	5.25
	MDU 5	0.00	0.00	0.00	0.00	4.00	10.00
Finger millet	Paiyur2	20.00	33.50	0.00	0.00	10.00	12.50
Little millet	CO (Sa) 4	0.20	0.40	10.00	0.00	5.00	4.12
Barnyard millet	CO (Kv) 2	0.00	0.00	0.00	0.00	5.00	7.91
	MDU 1	20.00	12.00	0.00	0.00	10.00	15.50
<b>Oilseeds</b>							
Groundnut	VRI (Gn) 6	0.00	0.00	0.00	0.00	60.00	66.40
	VRI (Gn) 7	25.00	30.24	0.00	0.00	3.00	4.00
	VRI 8	0.00	0.00	0.00	0.00	10.00	18.04
	CO 6	0.00	0.00	0.00	0.00	30.00	35.00
	ICGV07222	0.00	0.00	0.00	0.00	0.00	12.00
Sesame	SVPR 1	0.00	0.00	0.00	0.00	1.00	1.75
	TMV 7	0.00	0.00	0.00	0.00	2.00	3.54
Cotton	K 12	0.00	0.00	0.00	0.00	2.50	3.50
	SVPR 2	0.00	0.00	0.00	0.00	1.00	1.63
<b>Total</b>		<b>1040.20</b>	<b>1800.72</b>	<b>1380.00</b>	<b>797.26</b>	<b>358.50</b>	<b>1318.73</b>

(in quintals)

Rabi 2018-19 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.

<b>Cereals</b>							
Paddy	ADT 45	0.00	0.00	10.00	2.00	5.00	7.68
	ADT(R) 46	25.00	59.63	0.00	0.00	50.00	81.95
	ADT 50	10.00	18.00	0.00	0.00	0.00	0.00
	ADT 51	20.00	10.00	0.00	0.00	100.00	128.20
	ADT 53	0.00	0.00	0.00	0.00	100.00	290.00
	ASD 16	220.00	533.40	105.00	50.00	100.00	145.50
	Bhavani	5.00	15.00	0.00	0.00	10.00	10.32
	CO 52	0.00	0.00	0.00	0.00	100.00	104.65
	CR1009 Sub1	250.00	124.80	800.00	874.80	40.00	33.21
	I.W.Ponni	200.00	220.00	152.00	127.00	25.00	25.27
	MDU 6	0.00	0.00	0.00	0.00	9.00	12.00
Hybrid Maize	TNAU MH CO 6	0.00	0.00	28.00	31.00	0.00	3.00
Finger millet	CO (Ra) 14	0.00	0.00	10.00	5.00	0.50	0.65
	CO (Ra) 15	0.00	0.00	1.00	0.40	5.00	7.22
Kodo millet	CO 3	0.00	0.00	0.00	0.00	10.00	15.43
Proso millet	CO (Pv) 5	0.00	0.00	0.00	0.00	10.00	5.87
Italian millet	CO (Te) 7	0.00	0.00	60.00	10.00	10.00	15.89
<b>Oilseeds</b>							
Groundnut	TMV 7	0.00	0.00	0.00	0.00	9.00	10.50
Sesame	TMV 4	0.00	0.00	0.00	0.00	0.50	0.58
	TMV 6	0.00	0.00	0.00	0.00	0.50	0.52
	TMV 7	3.00	3.13	0.00	0.00	3.00	6.29
	TMV 3	0.00	0.00	0.00	0.00	1.00	0.50
Cotton	SVPR 4	0.00	0.00	0.00	0.00	1.00	0.78
	SVPR 5	0.00	0.00	0.00	0.00	1.00	2.21
<b>Forage crops</b>							
Multicut Fodder Sorghum	CO (FS) 29	0.00	0.00	0.00	0.00	2.00	3.27
Multicut Fodder Sorghum	CO 31	0.00	0.00	0.00	0.00	5.00	3.90
<i>Fodder Cowpea</i>	CO 9	0.00	0.00	0.00	0.00	5.00	3.15
<i>Fodder Maize</i>	African Tall	0.00	0.00	0.00	0.00	2.00	2.50
<i>Desmanthus</i>		0.00	0.00	0.00	0.00	2.00	3.94
Velimasal	CO 1	0.00	0.00	0.00	0.00	3.00	2.50
<b>Total</b>		<b>733.00</b>	<b>983.96</b>	<b>1166.00</b>	<b>1043.20</b>	<b>609.50</b>	<b>917.16</b>





**Planting material**

Crops	Planting material (in quintals)		Planting material (in lakhs)	
	Target	Production	Target	Production
<b><i>Kharif 2017</i></b>				
Sugarcane	600	653.99	0.00	0.00
Fodder slips	0.00	0.00	0.40	0.43
Guinea grass	0.00	0.00	0.50	0.53
<b>Total</b>	<b>600</b>	<b>653.99</b>	<b>0.90</b>	<b>0.96</b>

**Quality seed production at farmer's field**

(in quintals)

<b><i>Kharif 2018 PSP</i></b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	CO 52	25.00	25.00	0.00	0.00	2000.00	2000.00
<b>Pulses</b>							
Redgram	CO (Rg) 7	6.00	4.81	20.00	32.00	0.00	0.00
Blackgram	VBN 6	15.00	20.00	200.00	235.00	0.00	0.00
	VBN 8	20.00	25.00	0.00	0.00	5.00	3.00
	CO 6	15.00	12.50	60.00	57.50	0.00	0.00
Green gram	CO 7	1.00	0.23	10.00	10.00	0.00	0.00
	VRM (Gg)1	0.00	0.00	0.00	0.00	0.00	0.79
<b>Oilseeds</b>							
Groundnut	VRI 7	200.00	200.00	0.00	0.00	0.00	0.00
Castor	YRCH 1	0.00	0.00	0.00	0.00	200.00	200.00
	YRCH 2	0.00	0.00	0.00	0.00	50.00	50.00
<b>Other Crops</b>							
Sunnhemp	CO 1	0.00	0.00	0.00	0.00	24.00	22.05
<b>Total</b>		<b>282.00</b>	<b>287.54</b>	<b>290.00</b>	<b>334.50</b>	<b>2279.00</b>	<b>2275.84</b>

(in quintals)

<b><i>Rabi 2018-19 PSP</i></b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	CO 52	0.00	0.00	0.00	0.00	100.00	150.00
<b>Pulses</b>							
Redgram	LRG 41	15.00	11.12	0.00	0.00	0.00	0.00
	BSR 1	0.00	0.00	0.00	0.00	3.00	3.33
Blackgram	VBN 6	20.00	20.33	300.00	223.15	0.00	0.00



	VBN 8	20.00	27.28	0.00	0.00	5.00	4.33
	ADT 6	0.00	0.00	0.00	0.00	2.00	2.70
	ADT 5	0.00	0.00	0.00	0.00	6.00	6.53
Greengram	CO 8	40.00	38.26	250.00	232.04	2.00	2.58
Horsegram	Paiyur2	10.00	4.90	0.00	0.00	10.00	11.53
	Crida18	0.00	0.00	0.00	0.00	1.00	0.85
Moth bean	TMV 1	0.00	0.00	0.00	0.00	4.50	5.00
<b>Oilseeds</b>							
Groundnut	TMV 13	0.00	0.00	0.00	0.00	28.00	20.00
	TMV 14	0.00	0.00	0.00	0.00	5.00	5.50
Castor	YRCH 1 castor Hybrid	0.00	0.00	0.00	0.00	90.00	85.31
<b>Total</b>		<b>105.00</b>	<b>101.89</b>	<b>550.00</b>	<b>455.19</b>	<b>256.50</b>	<b>297.66</b>

**33. Centre :** Kerala Agricultural University  
Thrissur, Kerala

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### Summary

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	218.20	272.82	150.40	184.72	368.60	457.54
<b>Total</b>	<b>218.20</b>	<b>272.82</b>	<b>150.40</b>	<b>184.72</b>	<b>368.60</b>	<b>457.54</b>
<b>Farmers' field</b>						
Truthfully labelled seed	270.00	268.40	432.50	498.50	702.50	766.90
<b>Total</b>	<b>270.00</b>	<b>268.40</b>	<b>432.50</b>	<b>498.50</b>	<b>702.50</b>	<b>766.90</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*



Quality seed production at university farms

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Paddy	Jyothi	100.00	130.00
	Aiswarya	20.00	23.00
	Matta Triveni	5.00	6.75
	Kanchana	10.00	13.80
	Aathira	10.00	9.46
	Annapoorna	10.00	18.90
	Vaishak	2.00	4.60
	Harsha	15.00	15.80
	Shreyas	15.00	16.90
	Karuna	25.00	25.00
	KK Varna	5.00	7.30
	Thekkancheera	0.20	0.20
	Thavalakannan	0.20	0.28
	Chenkayama	0.20	0.16
	Thonnooran	0.10	0.10
	Parambuvattan	0.10	0.27
	Kattamodan	0.10	0.03
	Karuthamodan	0.10	0.09
	Chuvannamodan	0.10	0.01
	Aruvakkari	0.10	0.17
<b>Total</b>		<b>218.20</b>	<b>272.82</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Paddy	Jyothi	100.00	120.00
	Aathira	10.00	8.00
	Matta Triveni	10.00	8.00
	Aiswarya	10.00	18.00
	Kanchana	10.00	12.00
	Shreyas	5.00	7.00
	Annapoorna	2.00	2.50
	Thekkan Chitteni	0.20	0.28
	Kavungin Poothala (late)	0.10	0.92

	Kavungin Poothala (early)	0.10	0.41
	Eravapandi	0.20	0.33
	PTB 33	0.20	0.20
	Nila	0.20	0.53
	Vellari	0.20	0.40
	Velutharikayama	0.05	0.05
	PTB 18	0.05	0.05
	PTB 21	0.05	0.04
	Rasmi	0.05	0.01
<b>Pulses</b>			
Cowpea	Kanakamani	0.20	3.31
	PGCP 23	0.30	0.40
	PGCP 6	0.30	0.62
Black Gram	Co-6	0.10	0.15
	Vamban	0.10	0.20
<b>Oilseeds</b>			
Sesamum	Tilak	1.00	1.32
<b>Total</b>		<b>150.40</b>	<b>184.72</b>

### Quality seed production at farmer's field

(in quintals)

Kharif 2018 PSP		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	Uma	100.00	99.20
	Kanchana	80.00	81.20
	Jyothi	90.00	88.00
<b>Total</b>		<b>270.00</b>	<b>268.40</b>

(in quintals)

Rabi 2018-19 PSP		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Rice	Jyothi	100.00	110.00
	Uma	100.00	110.00
	Supriya	50.00	50.00
	Akshaya	50.00	70.00
	Ponmani	40.00	43.50
	Jaya	40.00	50.00
<b>Pulses</b>			



Black gram	Vamban 6	50.00	62.50
Cowpea	PGCP 6	2.50	2.50
<b>Total</b>		<b>432.50</b>	<b>498.50</b>

**34. Centre :** Central Agricultural University  
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**Summary**

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	0.00	0.00	1.00	1.00	<b>1.00</b>	<b>1.00</b>
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>
<b>Farmers' field</b>						
Certified seed	550.00	550.50	0.00	0.00	<b>550.00</b>	<b>550.50</b>
Truthfully labelled seed	963.00	914.89	88.00	88.00	<b>1051.00</b>	<b>1002.89</b>
<b>Total</b>	<b>1513.00</b>	<b>1465.39</b>	<b>88.00</b>	<b>88.00</b>	<b>1601.00</b>	<b>1553.39</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at university farms**

(in quintals)

Rabi 2018-19 Institute		Truthfully labelled seed	
Crop	Variety		
<b>Oil seeds</b>			
Rapeseed	DRMR-150-35	1.00	1.00
<b>Total</b>		<b>1.00</b>	<b>1.00</b>

## Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	CAU-R1	550.00	550.50	900.00	849.50
	CAU-R2	-	-	3.50	3.40
	CAU-R3	-	-	0.50	0.60
	CAU-R4	-	-	18.00	18.92
<b>Oil seeds</b>					
Soybean	RKS-18	-	-	25.00	25.66
	MACS-1460	-	-	0.50	0.50
Groundnut	ICGS 76	-	-	15.00	16.17
	KDG-123	-	-	0.50	0.14
<b>Total</b>		<b>550.00</b>	<b>550.50</b>	<b>963.00</b>	<b>914.89</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Chickpea	JG-14	8.00	8.00
Mustard	TS-38	80.00	80.00
<b>Total</b>		<b>88.00</b>	<b>88.00</b>

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**Summary**

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	356.90	404.40	72.50	85.00	429.40	489.40
<b>Total</b>	<b>356.90</b>	<b>404.40</b>	<b>72.50</b>	<b>85.00</b>	<b>429.40</b>	<b>489.40</b>
<b>Planting materials</b>	(in lakh)					
Planting material	0.20	0.25			0.20	0.25
<b>Total</b>	<b>0.20</b>	<b>0.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.20</b>	<b>0.25</b>
<b>Farmers' field</b>	(in quintals)					
Truthfully labelled seed	2999.00	3722.09	3201.00	3356.00	6200.00	7078.09
<b>Total</b>	<b>2999.00</b>	<b>3722.09</b>	<b>3201.00</b>	<b>3356.00</b>	<b>6200.00</b>	<b>7078.09</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

**Quality seed production at institute farms**

(in quintals)

Kharif 2018 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	PB-1	1.50	2.00
	PB-1121	2.50	3.00
	PB-1718	1.00	1.00
	PB-1509	2.50	3.00
	PB-1728	1.50	2.00
	PB-1637	2.00	2.50
	Pearl millet	PC- 612	4.40
Pusa-411A		1.10	1.10
Maize (PJMh-1)	PML-93	1.00	1.00
	PML-105	0.40	0.40
<b>Pulses</b>			



Moong	Pusa-1371	8.00	8.00
Arhar	PA-16	10.00	12.00
<b>IARI Pusa Bihar</b>			
Paddy	Subashni	12.00	14.00
	Sweta	80.00	90.00
	Prabhat	20.00	24.00
	PNR-381	14.00	16.00
	Sugandh-5	160.00	180.00
	Core-51	35.00	40.00
<b>Total</b>		<b>356.90</b>	<b>404.40</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Chickpea	P-1053	5.00	5.00
	P-547	5.00	5.00
	P-372	5.00	5.00
	P-3022	6.00	6.00
	P-3043	6.00	6.00
<b>Oilseeds</b>			
Mustard	Pusa Tarak	3.00	3.00
<b>Pulses</b>			
Pigeonpea	Pusa 9	15.00	20.00
Chickpea	Pusa 256	20.00	25.00
<b>Oilseeds</b>			
Mustard	Pusa Vijay	1.50	2.00
	Pusa Tarak	2.50	3.00
	Pusa Gold	0.70	1.00
	Pusa-25	0.70	1.00
	Pusa-26	0.70	1.00
	Pusa-27	0.70	1.00
	Pusa-28	0.70	1.00
<b>Total</b>		<b>72.50</b>	<b>85.00</b>





Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Cereals</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
Paddy	PB-1121	210.00	216.95
	PS-5	65.00	68.80
	PB-1401	110.00	121.10
	PB-1509	185.00	298.10
	PB-1637	125.00	133.50
	PB-1718	200.00	317.35
	PB-1728	400.00	453.90
	<b>Pulses</b>		
Moong	Pusa Vishal	105.00	108.55
	Pusa 9531	18.00	19.18
Arhar	Pusa-991	2.50	2.90
	Pusa-992	6.00	6.80
	Pusa Arhar-16	2.50	2.80
<b>IARI Karnal</b>			
<b>Cereals</b>			
Rice	Pusa 44	600.00	616.20
	Pusa Basmati 1121	350	377.40
	Pusa Basmati 1509	500.00	506.88
	Pusa Basmati 1637	160.00	174.84
	Pusa Basmati 1728	160.00	156.96
	Pusa Basmati 1718	150.00	139.88
<b>Total</b>		<b>2999.00</b>	<b>3722.09</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	HD-2967	310.00	320.00
	HD-3086	350.00	360.00
	HD-3059	90.00	100.00
	HDCSW-18	335.00	345.00
	HD-3226	190.00	200.00
	HD3237	95.00	100.00
<b>Pulses</b>			
Lentil	Pusa Vaibhav (L-4147)	20.00	20.00



	Pusa Shiwalik(L-4076)	10.00	10.00
	Pusa Ageti (L 4717)	10.00	10.00
	L-4727	10.00	10.00
Chickpea	P-547	7.00	7.00
	P-372	10.00	10.00
	P-3022	15.00	15.00
	P-3043	10.00	10.00
<b>Oilseeds</b>			
Mustard	Pusa Vijay	10.00	10.00
	PM-28	12.00	12.00
	Pusa Tarak	10.00	10.00
	PM-30	5.00	5.00
	PM-31	2.00	2.00
<b>IARI Karnal</b>			
<b>Cereals</b>			
Wheat	HD 2967	350.00	350.00
	HD 3086	100.00	100.00
	HD 3226	150.00	150.00
<b>IARI Pusa Bihar</b>			
<b>Cereals</b>			
Wheat	HD 2967	550.00	600.00
	HD 2733	350.00	400.00
	HD 2985	200.00	200.00
<b>Total</b>		<b>3201.00</b>	<b>3356.00</b>

36. Centre : ICAR- Indian Institute of Wheat & Barley Research  
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**Summary****(in quintals)**

<b>University / Institute Farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Truthfully labelled seed	0.00	0.00	95.00	95.00	<b>95.00</b>	<b>95.00</b>
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>95.00</b>	<b>95.00</b>	<b>95.00</b>	<b>95.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation***Quality seed production at institute farms****(in quintals)**

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	DBW 173	50.00	50.00
	WB 2	15.00	15.00
	HD 3086	10.00	10.00
	HD 2967	10.00	10.00
Barley	DWRB 137	10.00	10.00
<b>Total</b>		<b>95.00</b>	<b>95.00</b>

**37. Centre :** ICAR- Vivekananda Parvatiya Krishi Anusandhan Sansthan  
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## Summary

(in quintals)

University / Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	2.23	4.25	11.85	14.12	14.08	18.37
<b>Total</b>	<b>2.23</b>	<b>4.25</b>	<b>11.85</b>	<b>14.12</b>	<b>14.08</b>	<b>18.37</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	6.00	6.50	294.00	295.70	300.00	302.20
<b>Total</b>	<b>6.00</b>	<b>6.50</b>	<b>294.00</b>	<b>295.70</b>	<b>300.00</b>	<b>302.20</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at institute farms

(in quintals)

Kharif 2018 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	VL Dhan 86	0.10	0.20
	VL Dhan 85	0.10	0.10
	VL Dhan 65	0.10	0.10
Maize	Vivek Sankul Makka 31	0.20	0.25
Ragi	VL Mandua 352	0.20	1.90
	VL Mandua 324	0.90	0.90
Madira	VL Madira 207	0.04	0.05
<b>Pulses</b>			
Arhar	VL Arhar 1	0.10	0.15
Gahat	VL Gahat 19	0.10	0.15
<b>Oilseeds</b>			
Soybean	VL Soya 65	0.15	0.20
	VL Soya 63	0.20	0.20
<b>Other Crops</b>			
Amaranth	VL Chua 44	0.04	0.05
<b>Total</b>		<b>2.23</b>	<b>4.25</b>

(in quintals)

<b>Rabi 2010-11 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	VL Gehun 907	4.00	5.00
	VL Gehun 892	4.00	5.00
	VL Gehun 953	2.00	2.00
<b>Pulses</b>			
Lentil	VL Masoor 126	0.75	1.00
	VL Masoor 133	0.50	0.50
	VL Masoor 129	0.50	0.50
<b>Oilseeds</b>			
Toria	VL Toria 3	0.10	0.12
<b>Total</b>		<b>11.85</b>	<b>14.12</b>

Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Ragi	VL Mandua 352	4.00	4.10
<b>Pulses</b>			
Horse Gram	VL Gahat 19	2.00	2.40
<b>Total</b>		<b>6.00</b>	<b>6.50</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Wheat	VL Gehun 907	100.00	100.50
	VL Gehun 829	50.00	50.50
	VL Gehun 953	140.00	140.50
<b>Pulses</b>			
Lentil	VL Masoor 126	2.00	2.10
	VL Masoor 133	2.00	2.10
<b>Total</b>		<b>294.00</b>	<b>295.70</b>

**38. Centre :** ICAR- Indian Institute of Pulses Research  
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### Summary

(in quintals)

Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	14.00	21.75	21.00	29.00	35.00	50.75
<b>Total</b>	<b>14.00</b>	<b>21.75</b>	<b>21.00</b>	<b>29.00</b>	<b>35.00</b>	<b>50.75</b>
<b>Farmers' field</b>						
Foundation seed	0.00	0.00	31.00	52.00	31.00	52.00
Certified seed	16.00	23.25	0.00	0.00	16.00	23.25
<b>Total</b>	<b>16.00</b>	<b>23.25</b>	<b>31.00</b>	<b>52.00</b>	<b>47.00</b>	<b>75.25</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at institute farms

(in quintals)

Kharif 2018 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Pulses</b>			
Mungbean	Samrat	5.00	7.00
	Virat	2.00	5.00
Urdbean	IPU 2-43	5.00	6.00
Pigeonpea	IPA 203	2.00	3.75
<b>Total</b>		<b>14.00</b>	<b>21.75</b>



(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Chickpea	Shubhra	5.00	7.00
	Ujjawal	3.00	5.00
	RVG 202	1.00	1.00
Fieldpea	Aman	2.00	3.00
	IPF 4-9	2.00	3.00
	IPFD10-12	5.00	6.25
	Prakash	2.00	2.25
Lentil	IPL 316	1.00	1.50
<b>Total</b>		<b>21.00</b>	<b>29.00</b>

Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Mungbean	IPM 2-3	1.00	2.50
	Virat	5.00	6.25
Urdbean	IPU 2-43	10.00	14.50
<b>Total</b>		<b>16.00</b>	<b>23.25</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Chickpea	Shubhra	2.00	2.00
	Ujjawal	2.00	3.00
	RVG 202	5.00	9.00
	RVG 203	5.00	10.00
Fieldpea	IPF 4-9	5.00	10.00
	IPFD10-12	5.00	7.00
	IPFD 12-2	2.00	4.00
Lentil	IPL 316	5.00	7.00
<b>Total</b>		<b>31.00</b>	<b>52.00</b>



39. Centre : ICAR- Indian Institute of Sugarcane Research  
Lucknow 226002, Uttar Pradesh

Nodal Officer: Dr. P.K. Singh  
Principal Scientist, Plant Breeding  
Dr Sanjeev Kumar, Principal Scientist

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Phone: 0522- 2480735, 2480736  
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E-mail: praveenmeera@yahoo.com

### Summary

Institute farms (in quintals)

Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Planting materials	8000	9000.00	-	-	-	9000.00
<b>Total</b>	8000	<b>9000.00</b>	-	-	-	<b>9000.00</b>

### Planting material

<i>Kharif 2018</i>		
Crops	Planting material (in quintals)	
	Target	Production
Sugarcane		
CoPk 05191	8000.00	2000.00
CoLk 94184		700.00
CoLk 9709		700.00
Co 0238		800.00
CoLk 09202		400.00
Co 0118		600.00
Co 05011		300.00
CoH 0128		200.00
CoPant 05224		200.00
CoLk 09204		2000.00
CoLk 11206		600.00
CoLk 14201		400.00





CoLk 11203		100.00
<b>Total</b>	<b>8000.00</b>	<b>9000.00</b>

**40. Centre :** ICAR- Central Research Institute for Jute & allied Fibre  
 Nilganj, Barrackpore, Dist 24 PGS (N), Kolkata 700120, West Bengal

**Nodal Officer:** Dr. C.S. Kar  
**Principal Scientist (PB)**  
**Mobile:** 09748240706  
**Phone:** 33-2535-6122/6121/1932 Ex. 231  
**Fax:** 033- 25350415  
**E-mail:** cskar@crijaf.org.in;chandanskar@gmail.com;  
 chandan.kar@icar.gov.in

**Summary**

(in quintals)

<b>Institute farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Certified seed	200.00	350.00	0.00	0.00	<b>200.00</b>	<b>350.00</b>
Truthfully labelled seed	160.50	171.48	75.50	31.75	<b>236.00</b>	<b>203.23</b>
<b>Total</b>	<b>360.50</b>	<b>521.48</b>	<b>75.50</b>	<b>31.75</b>	<b>436.00</b>	<b>553.23</b>
Planting materials (q)	<b>50.00</b>	<b>60.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	0.50	1.00	-	-	<b>0.50</b>	<b>1.00</b>
<b>Total</b>	<b>0.50</b>	<b>1.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.50</b>	<b>1.00</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	5.00	5.00	0.00	0.00	<b>5.00</b>	<b>5.00</b>
<b>Total</b>	<b>5.00</b>	<b>5.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.00</b>	<b>5.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at institute farms

(in quintals)

Crop	Variety	Certified seed		Truthfully labelled seed	
		Target	Production	Target	Production
<b>Kharif 2018 Ins.</b>					
<b>Cereals</b>					
Paddy	MTU 7029	200.00	350.00	100.00	100.00
<b>Oilseeds</b>					
Sesame	RT 351	-	-	1.00	1.35
<b>Fibre Crops</b>					
Jute	CO 58	-	-	1.00	4.50
	JRC 517	-	-	0.50	1.00
	C 532	-	-	0.50	0.80
	JBO 2003H	-	-	0.50	0.85
	JRO 204	-	-	10.00	10.62
	Subala	-	-	1.00	4.25
	JRO 128	-	-	1.00	5.03
	JRO 524	-	-	1.00	2.60
	JRO 2407	-	-	0.10	0.10
	JROG 1	-	-	0.50	0.51
	JRC 321	-	-	0.40	0.40
	JRC 212	-	-	1.00	1.11
Mesta	HS 4288	-	-	0.50	0.65
	MT 150	-	-	0.50	0.70
	HC 583	-	-	0.50	0.60
	HS 7910	-	-	0.50	0.20
<b>Sunnhemp</b>					
	SUIN 037	-	-	15.00	20.00
	SUIN 053	-	-	15.00	10.00
<b>Others crops</b>					
Dhaincha	Local var	-	-	10.00	6.21
<b>Total</b>		<b>200.00</b>	<b>350.00</b>	<b>160.50</b>	<b>171.48</b>

(in quintals)

Rabi 2018-19 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Wheat	UP-262	50.00	1.10
<b>Oilseeds</b>			



Mustard	B 54	5.00	0.90
	B 9	20.00	14.00
	Pusa Bold	0.00	15.10
<b>Fibre crops</b>			
Flax	JRF 2	0.50	0.65
<b>Total</b>		<b>75.50</b>	<b>31.75</b>

**Planting material**

Crops	Variety	Planting material (in quintals)		Planting material (in lakhs)	
		Target	Production	Target	Production
<b>Kharif 2018</b>					
Ramie	Hazarika	50.00	60.00	-	-
Sisal (Bulbill and suckers)		-	-	0.50	1.00
<b>Total</b>		<b>50.00</b>	<b>60.00</b>	<b>0.50</b>	<b>1.00</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Fibre crops</b>			
Mesta	HS 4288	1.25	2.00
	MT 150	1.25	0.50
	HC 583	1.25	0.50
	HS 7910	1.25	2.00
<b>Total</b>		<b>5.00</b>	<b>5.00</b>

**41. Centre :** ICAR- National Rice Research Institute (Crop Improvement Division)  
**Cuttack 753 006, Orissa**  
**Nodal Officer:** Mr. R.K. Sahu  
**Scientist**  
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**Fax:** 0671- 2367663  
**E-mail:** rabinksahu@yahoo.com

## Summary

(in quintals)

Institute Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Farmers' field						
Truthfully labelled seed	1000.00	1120.00	0.00	0.00	1000.00	1120.00
<b>Total</b>	<b>1000.00</b>	<b>1120.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1000.00</b>	<b>1120.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

## Quality seed production at farmer's field

(in quintals)

Kharif 2018 PSP		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	Pooja	500.00	540.00
	Gayatri	150.00	160.00
	Swarna sub 1	100.00	120.00
	Sarala	250.00	300.00
<b>Total</b>		<b>1000.00</b>	<b>1120.00</b>

42. Centre : ICAR- Indian Grassland and Fodder Research Institute; Near Pahuj Dam, Gwalior Road, Jhansi 284 003, Uttar Pradesh  
 Nodal Officer: Dr. Vijay Kumar Yadav  
 Head, Division of Seed Technology  
 Mobile: 9412463923  
 Phone: 0510- 2730446 ext. 243, 2730666 ext. 243  
 Fax: 0510- 2730833  
 E-mail: igfri.seed@gmail.com; vijayyadav777@gmail.com



**Summary**

(in quintals)

<b>University / Institute</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Certified seed	2.65	1.97	17.95	20.50	<b>20.60</b>	<b>22.47</b>
Truthfully labelled seed	24.00	38.19	176.50	226.50	<b>200.50</b>	<b>264.69</b>
<b>Total</b>	<b>26.65</b>	<b>40.16</b>	<b>194.45</b>	<b>247.00</b>	<b>221.10</b>	<b>287.16</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	5.00	7.20	0.00	0.00	<b>5.00</b>	<b>7.20</b>
<b>Total</b>	<b>5.00</b>	<b>7.20</b>	<b>0.00</b>	<b>0.00</b>	<b>5.00</b>	<b>7.20</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed	35.00	39.09	4.00	5.00	<b>39.00</b>	<b>44.09</b>
<b>Total</b>	<b>35.00</b>	<b>39.09</b>	<b>4.00</b>	<b>5.00</b>	<b>39.00</b>	<b>44.09</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at institute farms**

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Production</b>
<b>Forage crops</b>					
Cowpea	EC 4216	0.50	0.30	0.50	0.07
Cowpea	BL1	0.20	0.05	0.00	0.00
Cowpea	BL2	0.50	0.30	1.00	0.81
Cowpea	Kohinoor	0.20	0.07	0.50	0.50
Sorghum	MP Chari	0.25	0.25	2.00	0.39
Maize	African Tall	0.50	0.50	2.00	1.00
Guar	BG 1	0.50	0.50	5.00	7.66
Perennial sorghum	CoFS-29	-	-	2.00	2.58
Pearl millet	AVKB-19	-	-	4.00	4.85
Annual grasses		-	-	2.00	1.95
Perennial grasses		-	-	5.00	18.38
<b>Total</b>		<b>1.97</b>	<b>2.65</b>	<b>24.00</b>	<b>38.19</b>

### Planting material

<b>Kharif 2018 Institute</b>	<b>Planting material (in lakhs)</b>	
	<b>Target</b>	<b>Production</b>
<b>Crops</b>		
Hybrid root slips	5.00	7.20
<b>Total</b>	<b>5.00</b>	<b>7.20</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Forage crops</b>					
Oat	JHO 2000-4	1.50	2.00	7.00	8.00
	JHO 99-2	2.00	2.50	2.00	4.00
	JHO 99-1	0.50	0.50	2.00	4.00
	JHO 822	4.00	5.00	80.00	110.00
	JHO 851	0.20	0.25	4.00	6.00
	Kent	5.00	5.50	60.00	65.00
	JHO 2010-1	1.00	1.00	6.00	7.00
	JHO 2009-1	1.00	1.00	5.00	8.00
Berseem	BB3	0.50	0.50	1.00	1.50
	BB 2	1.00	1.00	2.00	3.00
	Wardan	1.00	1.00	7.00	9.50
	JBSC 1	0.25	0.25	0.50	0.50
<b>Total</b>		<b>17.95</b>	<b>20.50</b>	<b>176.50</b>	<b>226.50</b>

### Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
Lucerne	RL-88	4.00	4.25
Perennial sorghum	CoFS-29	10.00	10.00
Stylosanthes	Verano	4.00	4.54
Desmanthus	NS	2.00	3.00
Maize	African Tall	15.00	17.30
<b>Total</b>		<b>35.00</b>	<b>39.09</b>



(in quintals)

<i>Rabi 2018-19</i> PSP		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Forage crops</b>			
Lucerne	RL 88	4.00	5.00
<b>Total</b>		<b>4.00</b>	<b>5.00</b>

43. Centre : ICAR- Directorate of Rapeseed and Mustard Research  
Sewar, Bharatpur 321303, Rajasthan

Nodal Officer: Dr. Bhagirath Ram  
Principal Scientist (Genetics & Plant Breeding)

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E-mail: bhagirathram\_icar@yahoo.com

Summary

(in quintals)

University / Institute Farm						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	0.00	0.00	940.00	985.00	<b>940.00</b>	<b>985.00</b>
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>940.00</b>	<b>985.00</b>	<b>940.00</b>	<b>985.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

Quality seed production at institute farms

(in quintals)

<i>Rabi 2018-19</i> Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
Mustard	DRMRIJ-31	430.00	410.00
	NRCHB 101	450.00	500.00
	RH-749	60.00	70.00
Yellow sarson	NRCYS 05-02	-	5.00
<b>Total</b>		<b>940.00</b>	<b>985.00</b>

**44. Centre :** ICAR- Indian Institute of Soybean Research  
Khandwa Road, Indore, M.P. 452001

**Nodal Officer:** Dr. Mrinal Kuchlan  
**Scientist (SS)**

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**Phone:** 0731-2437925  
**Fax:** 0731- 2470520  
**E-mail:** mrinal.kk@gmail.com

### Summary

(in quintals)

Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	0.00	10.00	-	-	0.00	10.00
<b>Total</b>	<b>0.00</b>	<b>10.00</b>	<b>-</b>	<b>-</b>	<b>0.00</b>	<b>10.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at institute farms

(in quintals)

Kharif 2018 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Oil seeds</b>			
Soybean	JS 20-29	-	10.00
<b>Total</b>		<b>-</b>	<b>10.00</b>

**45. Centre :** ICAR- Directorate of Groundnut Research  
PO Box No. 5, Ivnagar Road, Junagadh 362 001, Gujarat

**Nodal Officer:** Dr. Narendra Kumar Dayma  
**Scientist & Nodal Officer**

**Mobile:** 08980530814  
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**Fax:** 0285- 2672550  
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*\*Breeder seed production details are appended in respective section of AICRP-NSP report.*





**46. Centre :** ICAR- Central Arid Zone Research Institute  
 Jodhpur 342 003, Rajasthan  
**Nodal Officer:** Dr. R.K. Bhatt  
**Principal Scientist & Head**  
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**Summary**

(in quintals)

Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	80.00	49.93	25.00	60.00	105.00	109.93
<b>Total</b>	<b>80.00</b>	<b>49.93</b>	<b>25.00</b>	<b>60.00</b>	<b>105.00</b>	<b>109.93</b>
Planting materials	(in lakh)					
Planting material	0.50	0.45	0.00	0.00	0.50	0.45
<b>Total</b>	<b>0.50</b>	<b>0.45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.50</b>	<b>0.45</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at institute farms**

(in quintals)

Kharif 2018 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Pulses</b>			
Mung	IPM 2-3	25.00	8.88
	IPM-205-7	10.00	15.02
<b>Oil seeds</b>			
Sesamum	RT- 351	-	7.20
<b>Forage Crops</b>			
Guar	HG-563	9.00	3.44
	RGC 1033	9.00	7.97
	RGC 936	2.00	1.86
Grasses		10.00	5.56
<b>Total</b>		<b>80.00</b>	<b>49.93</b>

## Planting material production

Fodder Crops	Planting material (in lakhs)	
	Target	Production
Fodder Crops	0.50	0.45000

Crop	Variety	Truthfully labelled seed	
		Target	Production
<b>Rabi 2018-19 Ins.</b>			
<b>Oil seeds</b>		<b>Target</b>	<b>Production</b>
Mustard	NRCHB-101	0.00	20.00
<b>Other Crops</b>			
Cumin	GC-4	25.00	35.00
Fenugreek	RMt-305	0.00	5.00
<b>Total</b>		<b>25.00</b>	<b>60.00</b>

47. Centre : ICAR- Central Institute for Cotton Research  
 Post Bag No. 2, Shankar Nagar P.O.  
 Nagpur 440 010, Maharashtra  
 Nodal Officer: Dr. P.R. Vijayakumari  
 Principal Scientist  
 Mobile: 09822572302  
 E-mail: rachelvk123@gmail.com

### Summary

(in quintals)

Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Certified seed	6.00	9.20	180.00	250.00	186.00	259.20
Truthfully labelled seed	20.00	34.42	0.00	0.00	20.00	34.42
<b>Total</b>	<b>26.00</b>	<b>43.62</b>	<b>180.00</b>	<b>250.00</b>	<b>206.00</b>	<b>293.62</b>
Farmers' field	(in quintals)					
Truthfully labelled seed	12.00	6.90	-	-	12.00	6.90
<b>Total</b>	<b>12.00</b>	<b>6.90</b>	<b>0.00</b>	<b>0.00</b>	<b>12.00</b>	<b>6.90</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation



Quality seed production at institute farms

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Cotton	Bt Varieties ICAR-CICR Bt 1, Bt2,Bt3,Bt 6, Bt12	-	-	20.00	34.10
	Stock seed -61 varieties+ G.a.cernuum variants	-	-	-	0.32
<b>Pulses</b>					
Red Gram	BSMR-736	6.00	9.20	-	-
<b>Total</b>		<b>6.00</b>	<b>9.20</b>	<b>20.00</b>	<b>34.42</b>
<b>Kharif 2018 Farmers' field</b>					
<b>Fibre crops</b>					
Cotton	Suraj, NH-615, Phule Dhanvantry	-	-	12.00	6.90
<b>Total</b>		<b>0.00</b>	<b>0.00</b>	<b>12.00</b>	<b>6.90</b>
<b>Rabi 2018-19 Ins.</b>					
<b>Cereals</b>					
Wheat	PBW 550	180.00	250.00	-	-
<b>Total</b>		<b>180.00</b>	<b>250.00</b>	<b>0.00</b>	<b>0.00</b>

**48. Centre :** ICAR- Indian Institute of Oilseeds Research  
 Rajendranagar, Hyderabad 500 030, Andhra Pradesh  
**Nodal Officer:** Dr S.N. Sudhakara Babu  
**Principal Scientist &Head, Seed Section**  
**Mobile:** 9440847405  
**Phone:** 040- 24598135  
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**E-mail:** spac.iior@icar.gov.in

## Summary

(in quintals)

Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Breeder seed	-	-	0.00	0.00	0.00	0.00
Foundation seed	-	-	7.00	14.57	7.00	14.57
Certified seed	-	-	0.00	0.00	0.00	0.00
Truthfully labelled seed	-	-	72.80	93.30	72.80	93.30
<b>Total</b>	-	-	<b>79.80</b>	<b>107.87</b>	<b>79.80</b>	<b>107.87</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Truthfully labelled seed			20.00	30.00	20.00	30.00
<b>Total</b>	-	-	<b>20.00</b>	<b>30.00</b>	<b>20.00</b>	<b>30.00</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

## Quality seed production at institute farms

(in quintals)

Rabi 2018-19 Institute		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
Castor	DCS-107 (variety)	-	-	0.50	1.00
	DPC-9 (female parent)	0.00	0.60	-	-
	M-574 (female parent)	0.00	3.42	-	-
	SKP-84 (Female of DCH-66)	1.50	2.00	-	-
	DCS-9 (Male of DCH-177)	0.50	1.00	-	-
	DCS-78 (Male of DCH-519)	0.50	0.55	-	-
	ICS-164 (Male of ICH-66)	1.50	2.00	-	-
	ICH-66 (hybrid)	-	-	15.00	20.00
Sunflower	DRSF-113 (variety)	-	-	0.20	0.20
	DRSF-108 (variety)	-	-	0.10	0.10
	DRSH-1 (hybrid)	-	-	10.00	12.00
	CMS 243A	0.60	0.80	-	-
	CMS 243 B	0.30	0.60	-	-
	6D-1	0.30	0.60	-	-



Safflower	ISF-764 (variety)	-	-	25.00	30.00
	NARI-96 (variety)	-	-		
	DSH-185 (hybrid)	-	-	4.00	5.00
	PBNS-12(variety)	-	-	0.00	2.00
	CMS A-133 (Female of DSH-185)	1.00	1.50	-	-
	B-195 (B line of CMS A-133)	0.30	0.50	-	-
	1705-p22 (Restorer male of DSH-185)	0.50	1.00	-	-
Sesame	YLM-66	-	-	1.00	1.50
	Swetha til	-	-	12.00	15.00
	CUMS-17	-	-	4.00	5.00
	GT-10	-	-	1.00	1.50
<b>Total</b>		<b>7.00</b>	<b>14.57</b>	<b>72.80</b>	<b>93.30</b>

**Quality seed production at farmer's field**

(in quintals)

<i>Rabi 2018-19 PSP</i>		Truthfully labelled seed	
Crop	Variety	Target	Production
Safflower	ISF-764	20.00	30.00
<b>Total</b>		<b>20.00</b>	<b>30.00</b>

**49. Centre :** ICAR- Indian Institute of Rice Research  
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**Summary**

(in quintals)

<b>Institute Farm</b>						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
<b>Farmers' field</b>						
(in quintals)						
Truthfully labelled seed	270.00	317.00	25.00	25.00	<b>295.00</b>	<b>342.00</b>
<b>Total</b>	<b>270.00</b>	<b>317.00</b>	<b>25.00</b>	<b>25.00</b>	<b>295.00</b>	<b>342.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at farmer's field

(in quintals)

<i>Kharif 2018 PSP</i>		Truthfully labelled seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	Improved Samba mahsuri	200.00	220.00
	DRR Dhan 44	50.00	70.00
	IR64 Drt 1 (IET 22836)(DRR-42)	15.00	20.00
	Ciherung Sub-1 (Binadhan-11)	5.00	7.00
<b>Total</b>		<b>270.00</b>	<b>317.00</b>
<b>Rabi 2018-19 PSP</b>			
<b>Cereals</b>			
Paddy	Improved Samba mahsuri	20.00	20.00
	DRR Dhan 44	5.00	5.00
<b>Total</b>		<b>25.00</b>	<b>25.00</b>

50. Centre : ICAR- Indian Institute of Millets Research  
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## Summary

(in quintals)

University / Institute						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Truthfully labelled seed	-	-	70.00	120.00	<b>70.00</b>	<b>120.00</b>
<b>Total</b>	-	-	<b>70.00</b>	<b>120.00</b>	<b>70.00</b>	<b>120.00</b>



<b>Farmers' field</b>						
Certified seed	-	-	647.00	15280.00	<b>647.00</b>	<b>15280.00</b>
Truthfully labelled seed	-	-	110.00	376.00	<b>110.00</b>	<b>376.00</b>
<b>Total</b>	-	-	<b>757.00</b>	<b>15656.00</b>	<b>757.00</b>	<b>15656.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at institute farm

(in quintals)

Crop	Variety	Truthfully labelled seed	
		Target	Production
<b>Rabi 2018-19 Ins.</b>			
<b>Cereals</b>			
	CSV 17	60.00	100.00
	CSV 21F	10.00	20.00
<b>Total</b>		<b>70.00</b>	<b>120.00</b>

### Quality seed production at farmers' field

<i>Rabi 2018-19 PSP</i>		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
Sorghum	CSV 15	30.00	60.00	-	-
	CSV 20	0.00	0.00	10.00	15.00
	CSV 27	30.00	60.00	-	-
	CSV 31	15.00	30.00	-	-
	CSH 14	9.00	10.00	-	-
	CSH 16	8.00	10.00	-	-
	CSH 30	15.00	30.00	-	-
	CSH 41	20.00	40.00	10.00	15.00
	CSH 24MF	500.00	15000.00	-	-
	Yellow Jowar	-	-	5.00	5.00
	Foxtail Millet	-	-	25.00	100.00
	Little Millet	-	-	5.00	30.00
	Proso Millet	-	-	2.00	5.00
	Kodo Millet	-	-	50.00	200.00



	Barnyard Millet	-	-	3.00	6.00
	MPMH 21	10.00	20.00	-	-
	HHB67 Imp	10.00	20.00	-	-
<b>Total</b>		<b>647.00</b>	<b>15280.00</b>	<b>110.00</b>	<b>376.00</b>

**51. Centre :** ICAR- Sugarcane Breeding Institute  
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### Summary

#### Institute farms

(in quintals)

Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Planting material	1500.00	2000.00	0.00	0.00	1500.00	2000.00
<b>Total</b>	<b>1500.00</b>	<b>2000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1500.00</b>	<b>2000.00</b>
<b>Planting materials</b>						
Tissue culture	0.5	0.73	-	-	0.5	0.73
<b>Total</b>	<b>0.5</b>	<b>0.73</b>	<b>-</b>	<b>-</b>	<b>0.5</b>	<b>0.73</b>
<b>Farmers' field</b>						
Planting material	8900	14254.75	12000	14000	20900	28254.75
<b>Total</b>	<b>8900</b>	<b>14254.75</b>	<b>12000</b>	<b>14000</b>	<b>20900</b>	<b>28254.75</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

#### Planting material at Institute farms

Crops	Variety	Planting material (in quintals)		Tissue culture plantlets (in lakhs)	
		Target	Production	Target	Production
<b>Kharif 2018</b>		<b>Breeder seed</b>		<b>Tissue culture plantlets</b>	
Sugarcane	Co 86032	160.00	190.31	0.50000	0.52465
	Co 0212	50.00	60.23	-	-
	Co 06030	20.00	27.00	-	-
	Co 0403	5.00	8.00	-	-
	Co 0118	800.00	1048.74	-	-
	Co 0238	1000.00	1399.86	-	-
	Co 05011	20.00	33.60	-	-
<b>Total</b>		<b>2055.00</b>	<b>2767.74</b>	<b>0.50</b>	<b>0.525</b>





Crops	Variety	Planting material (in quintals)	
		Target	Production
<b>Rabi 208-19</b>			
Sugarcane	Co 0118	1000.00	1200.00
	Co 0238	500.00	800.00
<b>Total</b>		<b>1500.00</b>	<b>2000.00</b>

**Planting material at farmer's field**

Crops	Variety	Planting material (in quintals)	
		Target	Production
<b>Kharif 2018</b>			
Sugarcane	Co 86032	2000.00	4097.70
	Co 0212	1000.00	1554.45
	Co 09004	200.00	282.50
	Co 06022	100.00	119.20
	Co 06030	100.00	200.90
	Co 0118	3000.00	4800.00
	Co 0238	2500.00	3200.00
<b>Total</b>		<b>8900.00</b>	<b>14254.75</b>
<b>Rabi 2018-19</b>			
Sugarcane	Co 86032	9000.00	10000.00
	Co 0212	1200.00	1800.00
	Co 06022	800.00	1000.00
	Co 09004	1000	1200.00
<b>Total</b>		<b>12000.00</b>	<b>14000.00</b>

**52. Centre :** ICAR- Indian Institute of Seed Science  
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## Summary

(in quintals)

<b>Institute Farm</b>						
Particulars	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	150.00	253.20	37.75	77.00	187.75	330.20
Certified seed	20.00	20.00	46.75	46.00	66.75	66.00
Truthfully labelled seed	25.00	26.00	56.25	4.00	81.25	30.00
<b>Total</b>	<b>195.00</b>	<b>299.20</b>	<b>140.75</b>	<b>127.00</b>	<b>335.75</b>	<b>426.20</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	110.00	47.45	0.00	1920.00	110.00	1967.45
Certified seed	60.00	65.00	60.00	60.00	120.00	125.00
Truthfully labelled seed	10.00	0.00	50.00	50.00	60.00	50.00
<b>Total</b>	<b>180.00</b>	<b>112.45</b>	<b>110.00</b>	<b>2030.00</b>	<b>290.00</b>	<b>2142.45</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at institute farms

(in quintals)

<i>Kharif 2018</i> Institute		Foundation seed		Certified seed		Truthfully labelled seed		
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.	
<b>Cereals</b>								
Paddy	MTU 7029	150.00	60.00	20.00	20.00	25.00		
	Rajendra Sweta		38.00					
	Sambha sub-1		28.00					
	HUR-105		19.00					
	CO-51		43.00					
	BPT 5204		40.00					
	Swarna sub-1		25.20					
	TKM 13							9.00
	PB-1							7.00



	KN 3						2.50
	PB-1121						7.50
<b>Total</b>		<b>150.00</b>	<b>253.20</b>	<b>20.00</b>	<b>20.00</b>	<b>25.00</b>	<b>26.00</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Wheat	HD CSW	20.00	18.00	25.00	25.00	30.00	-
	HD 3059		16.00				-
	WR 544		30.00				-
	HD 3237						1.50
	HD 3226						1.50
<b>Pulses</b>							
Pigeon pea	IPA-203	5.00	4.00	7.00	7.00	9.00	-
Field pea	Rachana	12.00		14.00	14.00	16.00	1.00
<b>Oil seeds</b>							
Mustard	Pusa bold	0.75	5.00	0.75	0.00	1.25	0.00
	RH 0749		4.00		0.00		0.00
<b>Total</b>		<b>37.75</b>	<b>77.00</b>	<b>46.75</b>	<b>46.00</b>	<b>56.25</b>	<b>4.00</b>

Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>							
Paddy	MTU-7029	110.00	47.45	60.00	65.00	10.00	0.00
<b>Total</b>		<b>110.00</b>	<b>47.45</b>	<b>60.00</b>	<b>65.00</b>	<b>10.00</b>	<b>0.00</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>							
Wheat	HD 2967	0.00	1800.00	60.00	60.00	50.00	50.00
	HD 3086		120.00				
<b>Total</b>		<b>0.00</b>	<b>1920.00</b>	<b>60.00</b>	<b>60.00</b>	<b>50.00</b>	<b>50.00</b>

**53. Centre :** ICAR- Indian Institute of Maize Research  
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### Summary

(in quintals)

Institute farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	10.00	11.00	0.00	0.00	10.00	11.00
Truthfully labelled seed	250.00	265.00	405.00	330.00	655.00	595.00
<b>Total</b>	<b>260.00</b>	<b>276.00</b>	<b>405.00</b>	<b>330.00</b>	<b>665.00</b>	<b>606.00</b>
Farmers' field						
Certified seed			550.00	720.00	550.00	720.00
<b>Total</b>	-	-	<b>550.00</b>	<b>720.00</b>	<b>550.00</b>	<b>720.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at institute farms

(in quintals)

Kharif 2018 Institute		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
<b>Oilseeds</b>					
Soybean	PS-1042	5.00	6.00	220.00	230.00
	PS-1347	5.00	5.00	-	-
	PS-1241	-	-	30.00	35.00
<b>Total</b>		<b>10.00</b>	<b>11.00</b>	<b>250.00</b>	<b>265.00</b>

Rabi 2018- 19 Institute		Truthfully labelled seed	
Crop	Variety	Target	Production



Wheat	HD-2967	180.00	150.00
	HD-2733	225.00	180.00
<b>Total</b>		<b>405.00</b>	<b>330.00</b>

**Quality seed production at farmer's field**

(in quintals)

<i>Rabi 2018- 19 PSP</i>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Maize</b>	DHM-117	350.00	500.00
	DMRH-1301	200.00	220.00
<b>Total</b>		<b>550.00</b>	<b>720.00</b>

**54. Centre :** ICAR- Central Coastal Agricultural Research Institute  
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**Summary**

(in quintals)

<b>Institute Farm</b>						
<b>Particulars</b>	<i>Kharif 2018</i>		<i>Rabi 2018-19</i>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	15.00	13.00	0.00	0.00	<b>15.00</b>	<b>13.00</b>
Truthfully labelled seed	6.00	4.50	2.00	2.00	<b>8.00</b>	<b>6.50</b>
<b>Total</b>	<b>21.00</b>	<b>17.50</b>	<b>2.00</b>	<b>2.00</b>	<b>23.00</b>	<b>19.50</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					

Truthfully labelled seed	90.00	80.00	20.00	20.00	110.00	100.00
<b>Total</b>	<b>90.00</b>	<b>80.00</b>	<b>20.00</b>	<b>20.00</b>	<b>110.00</b>	<b>100.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at institute farms

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Foundation seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	Karjat-3	5.00	5.00	-	-
	Jyothi	10.00	8.00	-	-
	Jaya	-	-	2.00	2.00
	Sahbhagi dhan	-	-	4.00	2.50
<b>Total</b>		<b>15.00</b>	<b>13.00</b>	<b>6.00</b>	<b>4.50</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Greengram	TM 96-2	1.00	1.00
	IPM 2-14	1.00	1.00
<b>Total</b>		<b>2.00</b>	<b>2.00</b>

### Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Paddy	Goa dhan-1	30.00	25.00
	Goa dhan-2	25.00	25.00
	Sahabhagi dhan	35.00	30.00
<b>Total</b>		<b>90.00</b>	<b>80.00</b>



<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Cowpea	Goa cowpea-3	20.00	20.00
<b>Total</b>		<b>20.00</b>	<b>20.00</b>

**55. Centre :** ICAR- Central Island Agricultural Research Institute  
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**Summary**

(in quintals)

<b>Institute farm</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Truthfully labelled seed	1.30	1.81	0.34	0.40	1.64	2.21
<b>Total</b>	<b>1.30</b>	<b>1.81</b>	<b>0.34</b>	<b>0.40</b>	<b>1.64</b>	<b>2.21</b>
<b>Farmers' field</b>						
Truthfully labelled seed	59.00	47.26	2.10	2.80	61.10	50.06
<b>Total</b>	<b>59.00</b>	<b>47.26</b>	<b>2.10</b>	<b>2.80</b>	<b>61.10</b>	<b>50.06</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

**Quality seed production at Institute**

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Rice	CARI Dhan 8	0.50	0.56
	CARI Dhan 9	0.80	1.25
<b>Total</b>		<b>1.30</b>	<b>1.81</b>

<b>Rabi 2018-19 Institute</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Green gram	CARI Mung 2	0.10	0.10
	CARI Mung 4	0.08	0.10
Black gram	CARI Urd 1	0.08	0.10
	CARI Urd 2	0.08	0.10
<b>Total</b>		<b>0.34</b>	<b>0.40</b>

### Quality seed production at farmer's field

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Rice	CARI Dhan 2	5.00	4.95
	CARI Dhan 4	6.00	5.33
	CARI Dhan 5	6.00	4.90
	CARI Dhan 6	8.00	8.30
	CARI Dhan 7	8.00	10.25
	CARI Dhan 8	5.00	0.00
	CARI Dhan 9	5.00	3.20
	CSR 36	8.00	5.00
	Gayatri	8.00	5.33
<b>Total</b>		<b>59.00</b>	<b>47.26</b>

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>			
Green gram	CARI Mung 1	0.30	0.40
	CARI Mung 2	0.30	0.40
	CARI Mung 3	0.30	0.50
	CARI Mung 4	0.30	0.40
	CARI Mung 5	0.30	0.40
Black gram	CARI Urd 1	0.30	0.40
	CARI Urd 2	0.30	0.30
<b>Total</b>		<b>2.10</b>	<b>2.80</b>





**56. Centre :** Vasantdada Sugar Institute  
 Manjar (BK), Tal.- Haveli, Dist- Pune 412307, Maharashtra  
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**Summary**

(in lakh)

**Institute farms**

Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Sugar cane Planting material	85.25	70.52	-	-	85.25	70.52
Single bud settings	20.00	8.86			20.00	8.86
<b>Total</b>	<b>105.25</b>	<b>79.38</b>	<b>-</b>	<b>-</b>	<b>105.25</b>	<b>79.38</b>

**Planting material**

Crops	Variety	Planting material (in lakhs)	
		Target	Production
Sugarcane		<b>Breeders' seed distribution 2018-19</b>	
	CoC 671	2.00	0.62
	Co 86032	50.00	35.19
	CoM 265	20.00	6.36
	CoVSI 9805	0.00	0.00
	VSI 434	0.75	0.40
	CoVSI03102	0.00	0.25
	VSI08005	12.00	24.05
	MS10001	0.50	3.65
<b>Single bud seedling</b>			
	CoC 671	0.40	0.50
	Co 86032	7.00	0.94
	CoM 265	2.00	1.28
	CoVSI 9805	0.10	0.00
	VSI 434	0.10	0.00
	CoVSI03102	0.00	0.33
	VSI08005	9.90	5.77
	MS10001	0.50	0.04
<b>Total</b>		<b>105.25</b>	<b>79.38</b>



57. Centre : University of Agricultural Sciences  
Lingasugur Road, Raichur, Karnataka  
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Special Officer (Seeds)  
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### Summary

(in quintals)

University Farm						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	815.00	733.75	115.00	40.00	930.00	773.75
Certified seed	3239.00	2259.10	820.00	852.00	4059.00	3111.10
Truthfully labelled seed	725.00	312.00	60.00	50.00	785.00	362.00
<b>Total</b>	<b>4779.00</b>	<b>3304.85</b>	<b>995.00</b>	<b>942.00</b>	<b>5774.00</b>	<b>4246.85</b>
Farmers' field						
Foundation seed	10491.00	8928.00	4674.00	4665.00	15165.00	13593.00
Certified seed	1384.00	140.00	2225.00	1121.00	3609.00	1261.00
Truthfully labelled seed	280.00	372.00	150.00	28.00	430.00	400.00
<b>Total</b>	<b>12155.00</b>	<b>9440.00</b>	<b>7049.00</b>	<b>5814.00</b>	<b>19204.00</b>	<b>15254.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at university farms

(in quintals)

Kharif 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Paddy	GGV 05-01	600.00	600.00	2650.00	2070.00	140.00	100.00
	RNR-15048	25.00	0.00	-	-	-	-



	BPT-5204	100.00	100.00	100.00	100.00	-	-
	GN-10-89	-	-	-	-	20.00	0.00
Maize	SA Tall	-	-	-	-	20.00	10.00
	RCR-MH-2	-	-	-	-	75.00	35.00
<b>Pulses</b>							
Greengram	BGS-9	50.00	16.75	190.00	0.00	210.00	60.00
Redgram	TS-3R	40.00	17.00	240.00	72.00	-	-
	GRG-811	-	-	-	-	70.00	70.00
<b>Oil seeds</b>							
Soybean	DSb-1	-	-	4.00	2.10	0.00	6.00
Groundnut	K-9	-	-	-	-	50.00	0.00
<b>Fibre crops</b>							
Cotton	SCS-793	-	-	-	-	5.00	4.00
	BGDS-1063	-	-	-	-	5.00	8.00
<b>Others crops</b>							
Foxtail millet	HMT-100-1	-	-	50.00	10.00	-	-
	HN-46	-	-	-	-	50.00	2.00
	DHFT-109-3	-	-	-	-	20.00	2.00
Little millet	Sukshema	-	-	5.00	5.00	-	-
Sunhemp	Local	-	-	-	-	60.00	15.00
<b>Total</b>		<b>815.00</b>	<b>733.75</b>	<b>3239.00</b>	<b>2259.10</b>	<b>725.00</b>	<b>312.00</b>

**Quality seed production: Inter-institutional Seed Production programme in farmers' field**

(in quintals)

<b>Kharif 2018</b>		<b>Foundation seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Maize	IML 418-1	52.00	30.00
	A Tall	1300.00	800.00
	V 390	52.00	40.00
	VMI 1200	104.00	80.00
Paddy	Uma	1488.00	1450.00
	Jyothi	768.00	765.00
	BPT 5204	644.00	650.00
	MTU 1010	248.00	250.00
	MTU 1001	49.00	50.00



	Athira	49.00	55.00
	NLR 4449	297.00	300.00
	DRR 43	25.00	30.00
	DRR 44	50.00	54.00
	CR 1009	50.00	55.00
	MTU 1064	99.00	100.00
	JGL 1798	50.00	53.00
	Jaya	50.00	52.00
	ADDT 43	50.00	55.00
	RNR 15048	99.00	102.00
	RP Bio	25.00	24.00
	C Sub 1	50.00	50.00
	JGL 18047	50.00	52.00
	JGL 11470	74.00	75.00
Foxtail millet	DHFT-109-3	36.00	28.00
Ragi	GPU-28	62.00	50.00
Kodomillet	ARK 390	6.00	4.00
<b>Pulses</b>			
Redgram	TS-3R	495.00	300.00
	GRG-811	84.00	50.00
	BRG-4	24.00	15.00
	LRG-41	48.00	30.00
	BDN-711	66.00	40.00
	ICP-8863	18.00	12.00
<b>Oilseeds</b>			
Groundnut	K 9	2380.00	1900.00
	G-2-52	1390.00	1250.00
Sunflower	DRSF 113	4.00	5.00
<b>Total</b>		<b>10336.00</b>	<b>8856.00</b>

(in quintals)

Rabi 2018-19 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production	Target	Production
<b>Cereals</b>							
Sorghum	M-35-1	20.00	30.00	310.00	150.00	0.00	50.00
	GS-23	-	-	-	-	50.00	0.00
Paddy	GGV 05-01	-	-	500.00	700.00	-	-
<b>Pulses</b>							
Chickpea	BGD-103	95.00	10.00	10.00	2.00	-	-
<b>Oilseeds</b>							
Safflower	S-144	-	-	-	-	10.00	0.00



<b>Total</b>		<b>115.00</b>	<b>40.00</b>	<b>820.00</b>	<b>852.00</b>	<b>60.00</b>	<b>50.00</b>
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**Rabi 2018-19: Inter-institutional seed production programme in farmers' field**  
(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>			
Paddy	BPT-5204	55.00	60.00
	NLR-34449	55.00	58.00
Maize	BML-6	160.00	140.00
Hy Sorghum	UPMC 503	36.00	40.00
	ICSA 476 A	38.00	43.00
	P Yashodha	25.00	26.00
Sorghum	P Vasudha	120.00	125.00
	P Revathi	138.00	130.00
	P Suchitra	30.00	28.00
	Parbhani	25.00	23.00
	CSV-23	52.00	49.00
	CSV-26	26.00	24.00
	CSV-27	52.00	48.00
	CSV-33	26.00	20.00
	PSC-4	182.00	179.00
	NP chari	169.00	165.00
<b>Pulses</b>			
Chickpea	JG 11	1134.00	1050.00
	JAKI 9218	1526.00	1490.00
	NBeG 3	700.00	720.00
	NBeG 49	28.00	25.00
	Vijaya	28.00	26.00
<b>Oilseeds</b>			
Safflower	PBNS 40	19.00	16.00
<b>Total</b>		<b>4624.00</b>	<b>4485.00</b>

**Quality seed production at farmer's field**

(in quintals)

<b>Kharif 2018 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Pulses</b>							
Greengram	BGS-9	30.00	0.00	52.00	0.00	-	-



Redgram	TS-3R	50.00	12.00	900.00	90.00	0.00	250.00
	GRG-811	50.00	20.00	432.00	50.00	250.00	100.00
	BSMR-736	25.00	40.00	-	-	-	-
<b>Oilseeds</b>							
Groundnut	KDG-128	-	-	-	-	30.00	22.00
<b>Total</b>		<b>155.00</b>	<b>72.00</b>	<b>1384.00</b>	<b>140.00</b>	<b>280.00</b>	<b>372.00</b>

(in quintals)

Crop	Variety	Foundation seed		Certified seed		Truthfully labelled seed	
		Target	Prod.	Target	Prod.	Target	Prod.
<b>Rabi 2018-19 PSP</b>							
<b>Cereals</b>							
Sorghum	M-35-1	-	-	-	-	0.00	20.00
<b>Pulses</b>							
Chickpea	JG-11	50.00	180.00	2000.00	1050.00	-	-
<b>Oil seeds</b>							
Sunflower	RSFH-1887	-	-	25.00	20.00	-	-
Groundnut	K-9	-	-	200.00	16.00	150.00	0.00
	G-2-52	-	-	0.00	35.00		
Safflower	S 144	-	-	-	-	0.00	8.00
<b>Total</b>		<b>50.00</b>	<b>180.00</b>	<b>2225.00</b>	<b>1121.00</b>	<b>150.00</b>	<b>28.00</b>

**58. Centre :** Rajmata Vijayaraje Scindia Krishi Vishvva Vidhyalaya  
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**Summary**

(in quintals)

Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
<b>Farmers' field</b>						
Foundation seed	0.00	590.20	0.00	0.00	<b>0.00</b>	<b>590.20</b>
Certified seed	0.00	4190.50	3112.00	3688.00	<b>3112.00</b>	<b>7878.50</b>
<b>Total</b>	<b>0.00</b>	<b>4780.70</b>	<b>3112.00</b>	<b>3688.00</b>	<b>3112.00</b>	<b>8468.70</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

**Quality seed production at farmer's field**

(in quintals)

Kharif 2018		Foundation seed		Certified seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
Maize	JM 216	-	-	-	218.00
<b>Pulses</b>					
Black gram	KPU 07-08	-	12.00	-	552.00
	Pratap	-	-	-	58.00
Guar	HG 663	-	-	-	272.00
<b>Oilseeds</b>					
Soybean	JS2029	-	-	-	495.50
	JS 9305	-	42.30	-	173.50
	JS 9560	-	270.90	-	344.00
	RVS 2001	-	265.00	-	1492.00
Sesame	JT 55	-	-	-	83.50
Groundnut	GG 8	-	-	-	283.00
	TG37A	-	-	-	105.00
	GG 20	-	-	-	114.00
<b>Total</b>		<b>0.00</b>	<b>590.20</b>	<b>0.00</b>	<b>4190.50</b>

Rabi 2018-19 PSP		Certified seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Wheat	GW 11	440.00	460.00
	GW 3288	200.00	230.00
	RVW 4106	440.00	470.00
	GW 322	220.00	270.00
	HD 2932	200.00	230.00
	HI 1544	240.00	278.00



<b>Pulses</b>			
Gram	RVG 202	1180.00	1500.00
	GNG 1958	120.00	160.00
	RVG 201	36.00	45.00
	JAKI 9218	36.00	45.00
<b>Oil seeds</b>			
Mustard	NRCDR 02	450.00	550.00
<b>Total</b>		<b>3112.00</b>	<b>3688.00</b>

**59. Centre :** Bihar Agricultural University  
Sabour, Bhagalpur-813210 Bihar

**Nodal Officer:** Dr P K Singh  
Director, Seed and Farms

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### Summary

(in quintals)

University / Institute						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1600.00	1967.22	725.00	853.00	2325.00	2820.22
Certified seed	1300.00	1444.50	440.00	720.00	1740.00	2164.50
Truthfully labelled seed	15.00	137.15	40.00	58.00	55.00	195.15
<b>Total</b>	<b>2915.00</b>	<b>3548.87</b>	<b>1205.00</b>	<b>1631.00</b>	<b>4120.00</b>	<b>5179.87</b>
<b>Planting materials</b>	<b>(in lakh)</b>					
Planting material	-	2.10	-	-	0.00	2.10
Tissue culture	-	1.29	-	-	0.00	1.29
<b>Total</b>	<b>0.00</b>	<b>3.39</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.39</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*





**Quality seed production at university farms**

**(in quintals)**

<b>Kharif 2018 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Paddy	Swarna Sub -1	-	-	20.00	30.00	-	62.00
	MTU-7029	-	-	180.00	240.00	-	-
	Shahbhagi	35.00	40.00	40.00	40.50	-	-
	R.Kastruri	65.00	93.21	60.00	75.00	-	12.25
	R.Suwasini	15.00	13.57	-	-	-	5.50
	R.Mahsuri	220.00	241.00	140.00	147.00	-	6.50
	R.Sweta	1210.00	1498.00	860.00	912.00	-	-
	S.Surbhit	20.00	25.63	-	-	-	-
	S.Ardhjal	5.00	5.81	-	-	-	4.50
	Sabour Shree	30.00	50.00	-	-	-	5.40
	Sabour Sampanna	-	-	-	-	-	12.00
	Sabour Harsit	-	-	-	-	-	7.00
	Bhagalpur Katarni	-	-	-	-	15.00	22.00
<b>Pulses</b>							
Moong	Samrat	-	-	-	-	-	-
	IPM 2-3	-	-	-	-	-	-
Urd	IPU-2-14	-	-	-	-	-	-
<b>Total</b>		<b>1600.00</b>	<b>1967.22</b>	<b>1300.00</b>	<b>1444.50</b>	<b>15.00</b>	<b>137.15</b>

<b>Kharif 2018</b>	<b>Planting material (in lakhs)</b>		<b>Tissue culture plantlets (in lakhs)</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Planting material	-	2.10	-	1.29
<b>Total</b>	<b>-</b>	<b>2.10</b>	<b>-</b>	<b>1.29</b>

**(in quintals)**

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>	<b>Target</b>	<b>Prod.</b>
<b>Cereals</b>							
Wheat	Sabour Samridhi	30.00	32.00	-	-	-	-
	Sabour Shrestha	65.00	66.00	-	-	-	-
	Sabour Nirjal	130.00	140.00	-	-	-	-



	HD-2733	10.00	10.00	-	-	-	-
	HI-1563	25.00	40.00	40.00	50.00	-	-
	HD-2967	185.00	195.00	300.00	560.00	-	-
	DBW-14	65.00	70.00	100.00	105.00	-	-
	HD-3086	30.00	50.00	-	-	-	-
	DBW-107	25.00	30.00	-	-	-	-
	DBW-187	25.00	30.00	-	-	-	-
<b>Pulses</b>							
Gram	PG-186	-	50.00		5.00		
	GCP-105	-	-	-	-		
	BSC-1	-	-	-	-	5.00	6.00
Lentil	HUL-57	70.00	80.00	0.00	0.00		
	Arun	65.00	60.00	0.00	0.00		
<b>Oil seeds</b>							
Linseed	Sabour Tisi-1	-	-	-	-	-	-
	Ruchi	-	-	-	-	-	-
R & M	R Suflam	-	-	-	-	15.00	25.00
	RGN 48	-	-	-	-	10.00	15.00
	Uttara	-	-	-	-	10.00	12.00
<b>Total</b>		<b>725.00</b>	<b>853.00</b>	<b>440.00</b>	<b>720.00</b>	<b>40.00</b>	<b>58.00</b>

**60. Centre :** Pandit Jawaharlal Nehru College of Agriculture and Research Institute (PAJANCOA & RI), Karaikal, 609603 Puducherry (UT)

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### Summary

(in quintals)

University / Institute						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	-	-	5.00	7.00	5.00	7.00
Truthfully labelled seed	-	-	194.00	275.00	194.00	275.00
<b>Total</b>	-	-	<b>199.00</b>	<b>282.00</b>	<b>199.00</b>	<b>282.00</b>



Planting materials	(in lakh)					
Planting material	0.05	0.10	-	-	0.05	0.10
<b>Total</b>	<b>0.05</b>	<b>0.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.05</b>	<b>0.10</b>
Farmers' field	(in quintals)					
Foundation seed	0.00	0.00	250.00	348.00	250.00	348.00
Certified seed	0.00	0.00	20.00	30.00	20.00	30.00
Truthfully labelled seed	6.00	6.90	30.00	39.00	36.00	45.90
<b>Total</b>	<b>6.00</b>	<b>6.90</b>	<b>300.00</b>	<b>417.00</b>	<b>306.00</b>	<b>423.90</b>

Note: Rabi 2018-19, expected seed production figures were used in compilation

### Quality seed production at university farms

(in quintals)

Rabi 2018-19 Institute		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
Paddy	CR 1009 Sub1	0.00	0.00	25.00	40.00
	CR 1009	0.00	0.00	50.00	80.00
	ADT (R) 50	0.00	0.00	0.00	0.00
	I.W.Ponni	0.00	0.00	60.00	80.00
	ADT (R) 46	5.00	7.00	0.00	0.00
	CO 52	0.00	0.00	3.00	5.00
	ADT 39	0.00	0.00	0.00	0.00
	TKM 13	0.00	0.00	50.00	60.00
	I.Samba Mahsuri	0.00	0.00	2.00	2.00
<b>Pulses</b>					
Black gram	ADT 6	0.00	0.00	1.00	1.00
<b>Others crops</b>					
Sunnhemp		0.00	0.00	2.00	5.00
Daincha		0.00	0.00	1.00	2.00
<b>Total</b>		<b>5.00</b>	<b>7.00</b>	<b>194.00</b>	<b>275.00</b>

### Planting material

Crops	Planting material (in lakhs)	
	Target	Production



<b>Kharif 2018</b>		
Fodder crops	0.05	0.1
<b>Total</b>	<b>0.05</b>	<b>0.1</b>

### Quality seed production at farmer's field

(in quintals)

<b>Rabi 2018-19 PSP</b>		<b>Foundation seed</b>		<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Paddy	CR 1009 Sub1	100.00	160.00	0.00	0.00	15.00	19.00
	I.W.Ponni	30.00	30.00	0.00	0.00	15.00	20.00
	ADT (R) 46	120.00	158.00	0.00	0.00	0.00	0.00
	TKM 13	0.00	0.00	20.00	30.00	0.00	0.00
<b>Total</b>		<b>250.00</b>	<b>348.00</b>	<b>20.00</b>	<b>30.00</b>	<b>30.00</b>	<b>39.00</b>

**61. Centre :** University of Agricultural and Horticultural Sciences, Shimoga,  
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### Summary

(in quintals)

<b>University / Institute</b>						
<b>Particulars</b>	<b>Kharif 2018</b>		<b>Rabi 2018-19</b>		<b>Total</b>	
	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
Foundation seed	405.00	327.00	0.00	0.00	<b>405.00</b>	<b>327.00</b>
Certified seed	2670.00	3054.00	570.00	410.00	<b>3240.00</b>	<b>3464.00</b>
TFL Seed	0.00	0.00	50.00	20.00	<b>50.00</b>	<b>20.00</b>
<b>Total</b>	<b>3075.00</b>	<b>3381.00</b>	<b>620.00</b>	<b>430.00</b>	<b>3695.00</b>	<b>3811.00</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	60.00	50.00	0.00	0.00	<b>60.00</b>	<b>50.00</b>
Certified seed	5860.00	4790.00	1500.00	1000.00	<b>7360.00</b>	<b>5790.00</b>
<b>Total</b>	<b>5920.00</b>	<b>4840.00</b>	<b>1500.00</b>	<b>1000.00</b>	<b>7420.00</b>	<b>5840.00</b>



Quality seed production at university farms

(in quintals)

<b>Kharif 2018 Institute</b>		<b>Foundation seed</b>		<b>Certified seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	MTU-1001	-	-	300	250.00
	MTU-1010	-	-	800	600.00
	Tunga	250.00	200.00	2000.00	1600.00
	JGL-1798	90.00	75.00	-	-
	Jyothi	-	-	350.00	300.00
	KPR-1	-	-	-	-
	KKP-5	-	-	-	-
	Mo-4	-	-	150.00	130.00
	Intan	-	-	-	-
	IET-7191	-	-	-	-
	KHP-2	-	-	-	-
	KHP-5	-	-	-	-
	KHP-9	-	-	-	-
	KHP-10	-	-	-	-
	KHP-11	-	-	-	-
	KHP-13	-	-	-	-
Ragi	ML-365	-	-	100.00	80.00
	GPU-28	40.00	32.00	-	24.00
	GPU-48	-	-	-	12.00
<b>Pulses</b>					
Greengram	KKM-3	-	-	15.00	-
Blackgram	Rashmi	25.00	20.00	20.00	18.00
Redgram	BRG-2	-	-	35.00	30.00
<b>Oilseeds</b>					
Soybean	JS-335	-	-	-	-
Groundnut	GKVK-5	-	-	-	-
<b>Total</b>		<b>405.00</b>	<b>327.00</b>	<b>2670.00</b>	<b>3054.00</b>

(in quintals)

<b>Crop</b>	<b>Variety</b>	<b>Certified seed</b>		<b>Truthfully labelled seed</b>	
		<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Rabi 2018-19 Ins.</b>					
<b>Cereals</b>					
	Jyothi	400.00	300.00		
<b>Pulses</b>					



Bengalgram	JAKI-9218	150.00	100.00		
Greengram	KKM-3	20.00	10.00		
Horse gram	PHG-9			50.00	20.00
<b>Oilseeds</b>					
Safflower	PBNS-12	10.00	8.00		
<b>Total</b>		<b>570.00</b>	<b>410.00</b>	<b>50.00</b>	<b>20.00</b>

### Quality seed production at farmer's field

(in quintals)

<i>Kharif 2018 PSP</i>		Foundation seed		Certified seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
Paddy	Mo-4	-	-	900.00	720.00
	JGL-1798	-	-	1500.00	1200.00
	Jyothi	-	-	500.00	400.00
	KPR-1	-	-	70.00	60.00
	Mo-4	-	-	1200.00	1000.00
	KHP-2	-	-	50.00	30.00
Ragi	ML-365	-	-	700.00	600.00
	GPU-28	-	-	700.00	600.00
<b>Pulses</b>					
Blackgram	Rashmi	-	-	90.00	70.00
Redgram	BRG-5	60.00	50.00	100.00	90.00
	BRG-2	-	-	50.00	20.00
<b>Total</b>		<b>60.00</b>	<b>50.00</b>	<b>5860.00</b>	<b>4790.00</b>

(in quintals)

<i>Rabi 2018-19 PSP</i>		Certified seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	JGL-1798	1500.00	1000.00
<b>Total</b>		<b>1500.00</b>	<b>1000.00</b>



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**Summary**

**(in quintals)**

University / Institute						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	1.00	4.04	0.50	1.00	1.50	5.04
Certified seed	12.00	18.50	0.00	12.50	12.00	31.00
Truthfully labelled seed	32.00	3837.55	0.00	36.80	32.00	3874.35
<b>Total</b>	<b>45.00</b>	<b>3860.09</b>	<b>0.50</b>	<b>50.30</b>	<b>45.50</b>	<b>3910.39</b>
<b>Farmers' field</b>	<b>(in quintals)</b>					
Foundation seed	298.00	435.00	100.50	121.00	398.50	556.00
Certified seed	900.00	1497.72	23.50	0.00	923.50	1497.72
Truthfully labelled seed	2300.00	5474.23	0.00	50.00	2300.00	5524.23
<b>Total</b>	<b>3498.00</b>	<b>7406.95</b>	<b>124.00</b>	<b>171.00</b>	<b>3622.00</b>	<b>7577.95</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

## Quality seed production at institute farms

(in quintals)

Kharif 2018 Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Rice	Gomatidhan	-	-	-	-	-	3220.00
	Tripura Khara 1	-	-	-	-	-	12.00
	Tripura Khara 2	-	-	-	-	-	7.30
	Tripura Jala 1	-	-	-	-	-	8.20
	Tripura Chikan Dhan	-	-	-	-	-	162.00
	Tripura Sarat	-	-	-	-	-	4.20
	Tripura Nirog	-	-	-	-	-	315.00
	Tripura Hakuchuk 1	-	-	-	-	-	8.40
	Tripura Hakuchuk 2	-	-	-	-	-	6.20
	Tripura Aush	-	-	-	-	-	6.20
	Pusa Sugandha 5	-	-	-	-	-	6.60
	Pusa Sugandha 6	-	-	-	-	-	8.20
	Gomati	-	-	-	-	-	0.84
	TRC 2013-11	-	0.55	-	-	-	0.00
	TRC 2015-7	-	0.31	-	-	-	0.00
	TRC 2013-11	-	0.41	-	-	-	0.00
	TRC 2014-8	-	0.27	-	-	-	0.00
	Tripura Hakuchuk-1	-	-	-	-	-	0.57
	Gandhi Biron	-	-	-	-	-	0.22
	BhadshaBhog	-	-	-	-	-	0.11
	Manipur black rice	-	-	-	-	-	0.20
	Local	-	-	-	-	-	0.14
Maize	RCM 1-76	-	-	-	-	10.00	15.00
	RCM 1-75	-	-	-	-	10.00	15.00
	RCM 1-1	-	-	-	-	5.00	10.00
	RCM 1-2	-	-	-	-	5.00	8.50
	RCM 1-3	-	-	-	-	0.50	0.50
	RCM 1-61	-	-	-	-	1.50	3.50
	RCM1-1	-	-	-	-	-	8.50
	MS 8-1	-	-	-	-	-	
	MS1-1	-	-	-	-	-	0.16





	RCM 1-75	-	-	-	-	-	0.22
	RCM 1-2	-	-	-	-	-	0.13
	RCM 1-76	-	-	-	-	-	0.16
	Vivek Sankul-31	-	-	-	-	-	6.30
<b>Pulses</b>							
Urdbean	SK PD-3	-	-	-	-	-	3.50
<b>Oilseeds</b>		-	-	-	-	-	-
Ground nut	ICGV 76			10.00	15.50	-	-
Rapeseed	M-27	1.00	2.50	-	-	-	-
Soybean	RCS 1-10	-	-	-	-	-	3.20
	Dsb 19	-	-	1.00	2.00	-	-
	JS-335	-	-	1.00	1.00	-	-
<b>Total</b>		<b>1.00</b>	<b>4.04</b>	<b>12.00</b>	<b>18.50</b>	<b>32.00</b>	<b>3837.55</b>

(in quintals)

<i>Rabi 2018-19</i> Institute		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Maize	RCM-1-76	0.50	1.00	-	-	-	-
<b>Pulses</b>							
Rajmash	SKR 57	-	0.00	-	-	-	2.00
	Tripura Rajmash Selection 1	-	-	-	-	-	2.20
Lentil	Hul 57	-	-	-	-	-	5.00
	KLS 218	-	-	-	-	-	4.00
	PL 6	-	-	-	5.0	-	-
	PL 8	-	-	-	5.5	-	-
	NDL 1	-	-	-	3.00	-	-
	HUL 57	-	-	-	7.00	-	-
Pea	Arkel	-	-	-	2.50	-	-
<b>Oilseeds</b>							
Toria	TS 67	-	-	-	-	-	8.00
	TS 46	-	-	-	-	-	6.00
	TS 67	-	-	-	1.0	-	
Mustard	NRCHB-101	-	-	-	-	-	9.00
Soybean	JS 335	-	-	-	-	-	0.60
<b>Total</b>		<b>0.50</b>	<b>1.00</b>	<b>0.00</b>	<b>12.50</b>	<b>0.00</b>	<b>36.80</b>

## Quality seed production at farmer's field

(in quintals)

<i>Kharif</i> 2018 PSP		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Prod.	Target	Prod.	Target	Prod.
<b>Cereals</b>							
Rice	RC Maniphou-7	50.00	80.00	100.00	139.34	-	-
	RC Maniphou-10	-	5.00	5.00	9.35	-	-
	RC Maniphou-12	100.00	150.00	195.00	379.13	-	-
	RC Maniphou-13	148.00	200.00	500.00	769.90	-	-
	Pusa Sugandha 5	-	-	-	-	-	16.75
	Pusa Sugandha 6	-	-	-	-	-	25.04
	Gomati	-	-	-	-	150.00	2091.00
	Shahsarang	-	-	100.00	200.00	1100.00	2200.00
	Bhalum 3	-	-	-	-	200.00	150.00
	Bhalum 5	-	-	-	-	100.00	50.00
	RCM 1-76	-	-	-	-	200.00	150.00
	RCM 1-75	-	-	-	-	200.00	150.00
	RCM 1-1	-	-	-	-	50.00	100.00
	RCM 1-2	-	-	-	-	50.00	80.50
	RCM 1-3	-	-	-	-	25.00	25.00
	RCM 1-61	-	-	-	-	175.00	150.00
Maize	RCM-176	-	-	-	-	2.00	4.63
	RCM1-1	-	-	-	-	-	31.80
	DA 61A	-	-	-	-	-	0.49
	Vivek Sankul-31	-	-	-	-	-	25.52
<b>Pulses</b>							
Urdbean	SK PD-3	-	-	-	-	-	19.10
<b>Oil seeds</b>							
Groundnut	ICGS 76	-	-	-	-	48.00	135.00
	ICGV 76	-	-	-	-	50.00	50.00
Soybean	RCS 1-10	-	-	-	-	-	19.40
	JS 335	-	-	1.00	1.50	-	-
	Dsb 19	-	-	1.00	1.00	-	-
<b>Total</b>		<b>298.00</b>	<b>435.00</b>	<b>900.00</b>	<b>1497.72</b>	<b>2300.00</b>	<b>5474.23</b>



(in quintals)

Rabi 2018-19 PSP		Foundation seed		Certified seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production	Target	Production
<b>Cereals</b>							
Maize	RCM-1-76	-	-	-	-	10.00	20.00
	Tapopoli	-	-	-	-	-	3.00
	Ziro Local	-	-	-	-	-	3.50
	Sago local	-	-	-	-	-	4.00
<b>Pulses</b>							
Field pea	Aman	-	-	-	-	10.00	10.00
	TRCP-8	-	-	-	-	-	30.00
Pea	Arkel	-	-	2.50	-	-	-
Rajmash	SKR 57	-	-	-	-	-	13.60
	Tripura Rajmash Selection 1	-	-	-	-	-	8.00
	Tripura Rajmash 1	-	-	-	-	-	200.00
Black gram	Tripura Maskolai 1	-	-	-	-	-	30.00
Mung	Tripura Mung 1	-	-	-	-	-	20.00
Lentil	Tripura Lentil Sel 1	-	-	-	-	-	60.00
	Hul 57	-	-	-	-	-	13.00
	KLS 218	-	-	-	-	-	4.00
	PL 8	-	-	5.50	-	-	-
	HUL 57	-	-	5.50	-	10.00	20.00
<b>Oilseeds</b>							
Rapeseed	M-27	-	-	-	-	10.00	20.00
Mustard	PM-27	100.00	120.00	-	-	-	-
	PM-28	0.50	1.00	-	-	-	-
Toria	TS-36	-	-	-	-	10.00	20.00
	TRC Toria 1	-	-	-	-	-	2.40
	TS 67	-	-	10.00	-	-	9.75
	TS 46	-	-	-	-	-	8.00
Soyabean	TS 9560	-	-	-	-	-	12.00
Sesame	Tripura Siping	-	-	-	-	-	1.10
<b>Total</b>		<b>100.50</b>	<b>121.00</b>	<b>23.50</b>	<b>0.00</b>	<b>50.00</b>	<b>512.35</b>

**63. Centre :** Acharya N.G. Ranga Agricultural University  
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### Summary

(in quintals)

University / Institute						
Particulars	Kharif 2018		Rabi 2018-19		Total	
	Target	Production	Target	Production	Target	Production
Foundation seed	2552.00	2526.91	448.40	454.40	3000.40	2981.31
Truthfully labelled seed	20.00	20.00	0.00	4.00	20.00	24.00
<b>Total</b>	<b>2572.00</b>	<b>2546.91</b>	<b>448.40</b>	<b>458.40</b>	<b>3020.40</b>	<b>3005.31</b>
Farmers' field						
Foundation seed	1380.00	1723.00	800.00	850.00	2180.00	2573.00
<b>Total</b>	<b>1380.00</b>	<b>1723.00</b>	<b>800.00</b>	<b>850.00</b>	<b>2180.00</b>	<b>2573.00</b>

*Note: Rabi 2018-19, expected seed production figures were used in compilation*

### Quality seed production at University farm

(in quintals)

Kharif 2018 Institute		Foundation seed		Truthfully labelled seed	
Crop	Variety	Target	Production	Target	Production
<b>Cereals</b>					
<b>Paddy</b>	Tarangini (MTU 1156)	60.00	70.71	-	-
	Krishanveni (MTU 2077)	-	-	-	-
	Swarna (MTU 7029)	-	-	-	-
	Tholakari (MTU 1031)	-	-	-	-
	Godavari (MTU 1032)	-	-	-	-
	Chandra (MTU 1153)	-	-	-	-
	Deepthi (MTU 4870)	-	-	-	-
	Badava mahsuri (PLA 1100)	-	-	-	-
	Indra (MTU 1061)	-	-	-	-



	Bheema (MTU 1140)	-	-	-	-
	Cottondora sannalu (MTU 1010)	-	-	-	-
	Prabath (MTU 3626)	-	-	-	-
	Ksheera (MTU 1172)	-	-	-	-
	Varam (MTU 1190)	-	-	-	-
	Samvrudhi (MTU1155)	-	-	-	-
	Amara (MTU 1064)	-	-	-	-
	Sri Druthi (MTU 1121)	-	-	-	-
	Pushyami (MTU 1075)	-	-	-	-
	Vijetha (MTU 1001)	-	-	-	-
	RGL 2537	60.00	56.00	-	-
	BPT 5204	900.00	1018.23	-	-
	NDLR 7	-	-	-	-
	NDLR 8	-	-	20.00	20.00
	NLR 33892	-	-	-	-
	BPT 3291	-	-	-	-
	BPT 2231	-	-	-	-
	BPT 2270	-	-	-	-
	RGL 2537	50.00	50.00	-	-
	RGL 2538	10.00	8.00	-	-
	RGL 2332	15.00	15.00	-	-
	RGL 1818	10.00	8.00	-	-
	MTU 1075	60.00	70.00	-	-
	MTU 7029	450.00	420.00	-	-
	BPT 5204	600.00	653.00	-	-
	IR64	-	-	-	-
	MTU1001	-	-	-	-
	MTU1061	100.00	89.75	-	-
Finger millet	Sri Chaitanya	65.00	65.20	-	-
	Bharathi	10.00	12.50	-	-
<b>Pulses</b>					
Pigeonpea	LRG 52	160.00	59.00	-	-
	Asha (ICPL87119)	-	-	-	-
	ICPL 85063	-	-	-	-
Greengram	IPM 2-14	2.00	2.23		
<b>Oilseeds</b>					
Groundnut	Dharani	-	-	-	-
<b>Fibre crops</b>					



Mesta	AMV-5	7.00	7.00	-	-
<b>Total</b>		<b>2552.00</b>	<b>2526.91</b>	<b>20.00</b>	<b>20.00</b>

(in quintals)

<b>Rabi 2018-19 Institute</b>		<b>Foundation seed</b>		<b>Truthfully labelled seed</b>	
<b>Crop</b>	<b>Variety</b>	<b>Target</b>	<b>Production</b>	<b>Target</b>	<b>Production</b>
<b>Cereals</b>					
Paddy	BPT 5204	60.00	60.00	-	-
	Tarangini (MTU 1156)	80.00	80.00	-	-
	Swarna (MTU 7029)	-	-	-	-
	Tholakari (MTU 1031)	-	-	-	-
	Godavari (MTU 1032)	-	-	-	-
	Chandra (MTU 1153)	-	-	-	-
	Deepthi (MTU 4870)	-	-	-	-
	Badava mahsuri (PLA 1100)	-	-	-	-
	Indra (MTU 1061)	-	-	-	-
	Bheema (MTU 1140)	-	-	-	-
	Cotondora sannalu (MTU 1010)	-	-	-	-
	Prabath (MTU 3626)	-	-	-	-
	Ksheera (MTU 1172)	-	-	-	-
	Varam (MTU 1190)	-	-	-	-
	Samvrudhi (MTU1155)	-	-	-	-
	Sri Druthi (MTU 1121)	-	-	-	-
	MTU 1006	-	-	-	-
	NLR 34449	80.00	85.00	-	-
	NLR 3041	-	-	-	-
	NLR 145	-	-	-	-
	NLR 30491	-	-	-	-
Finger millet	Sri Chaitanya	20.00	20.40	-	-
Little millet	OLM 203	2.00	2.10	-	-
Barnyard millet	VMBC 331	1.50	1.60	-	-
Foxtail millet	SiA 3222	2.50	2.90	-	-
Brown top millet	Andu korralu	-	-	-	4.00
<b>Pulses</b>		-	-	-	-
Bengalgram	JG-11	-	-	-	-
	NBeG-47	-	-	-	-



	NBeG-49	-	-	-	-
	NBeG-119	-	-	-	-
Redgram	LRG-52	90.00	90.00	-	-
Blackgram	PU-31	-	-	-	-
	TBG-104	100.00	100.00	-	-
	LBG787	-	-	-	-
	LBG752	-	-	-	-
	LBG645	-	-	-	-
	LBG648	-	-	-	-
Greengram	IPM-2-14	10.00	10.00	-	-
Horse gram	VZM 1	2.20	2.20	-	-
<b>Oil seeds</b>		-	-	-	-
Groundnut	Dharani	-	-	-	-
Sesamum	YLM 66	-	-	-	-
	YLM 17	-	-	-	-
	YLM 11	-	-	-	-
	Gouri	-	-	-	-
<b>Others crops</b>		-	-	-	-
Sunnhemp	SH 4	0.20	0.20	-	-
<b>Total</b>		<b>448.40</b>	<b>454.40</b>	<b>0.00</b>	<b>4.00</b>

Quality seed production at farmer's field

(in quintals)

<i>Kharif 2018 PSP</i>		Foundation seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	BPT 5204	200.00	220.00
	NDLR 7	1000.00	1189.00
	RGL-2537	-	21.00
<b>oilseeds</b>			
Groundnut	Dharani	180.00	293.00
<b>Total</b>		<b>1380.00</b>	<b>1723.00</b>

<i>Rabi 2018-19 PSP</i>		Foundation seed	
Crop	Variety	Target	Production
<b>Cereals</b>			
Paddy	NLR 34449	800.00	850.00
<b>Total</b>		<b>800.00</b>	<b>850.00</b>



**Center- wise breeder seed production under ICAR Seed Project  
(2018-19)**

				(in quintals)
S. No.	Centre	Crop/Variety	Target	Production
1	SKUAS&T, Srinagar	-	-	-
2	SKUAS&T, Jammu	-	-	-
3	CSKHPKV, Palampur	-	-	-
	<b>Cereal Crops</b>	<b>Paddy</b>		
		RP 2421	0.50	0.80
		Kasturi	7.00	7.12
		Pusa 1121	2.00	2.79
		HPR 2795	0.50	0.80
		HPR 2656	1.50	1.50
		<b>Total</b>	<b>11.50</b>	<b>13.01</b>
		Maize		
		BajMakka	1.50	1.80
		Girija	1.50	1.80
		E. Comp	1.00	1.30
		BajPopcorn	0.10	0.20
		PalamSankar Makka2	0.10	0.20
		<b>Total</b>	<b>4.20</b>	<b>5.30</b>
		Wheat		
		HPW 236	1.00	1.00
		HPW 249	50.00	53.00
		HPW 349	150.00	165.00
		HPW 368	200.00	250.00
		HPW 373	50.00	57.00
		WH 1080	10.00	10.00
		DBW 88	70.00	80.00
		<b>Total</b>	<b>531.00</b>	<b>616.00</b>
		Barley		
		HBL 713	8.00	9.00
		HBL 113	1.00	1.50
		HBL 380	0.30	0.40
		HBL316	0.50	0.50
		HBL276	1.00	1.00
		HBL391	0.50	0.50
		BHS 400	0.20	0.20
		VLB 118	0.50	0.50
		<b>Total</b>	<b>12.00</b>	<b>13.60</b>
		<b>Total Cereal Crops</b>	<b>558.70</b>	<b>647.91</b>
	<b>Pulses Crops</b>	Urd/ Mash		





	Him Mash1	10.00	14.00
	UG 218	3.00	3.55
	PDU1	0.10	0.21
	Kullu 4	0.50	0.50
	Pant U 19	0.20	0.24
	PB 114	0.10	0.16
	<b>Total</b>	13.90	18.66
	Cowpea		
	C 475	0.10	0.10
	C 519	0.10	0.10
	<b>Total</b>	0.20	0.20
	Moong		
	Suketi	0.40	0.40
	<b>Total</b>	0.40	0.40
	Rajmash		
	Him 1	1.50	1.61
	Kanchan	1.00	1.14
	Jwala	0.50	0.85
	Baspa	4.00	4.70
	Kailash	0.20	0.25
	<b>Total</b>	7.20	8.55
	Gram		
	HC 1	0.20	0.40
	HPG 17	1.00	1.50
	DKG 986	2.50	3.00
	GNG 1581	0.20	0.30
	<b>Total</b>	3.90	5.20
	Lentil		
	Vipasha	5.00	5.50
	Markandey	1.50	1.50
	<b>Total</b>	6.50	7.00
	<b>Total Pulses Crops</b>	32.10	40.01
	<b>Oil Seed Crops</b>		
	Til		
	LTK 4	19.00	19.20
	<b>Total</b>	19.00	19.20
	B Sarson		
	KBS 3	1.00	1.00
	HPBS 1	0.20	0.30
	<b>Total</b>	1.20	1.30
	G Sarson		
	ONK1(HS1)	1.00	1.55

		Neelam	3.00	5.00
		GSC7	1.50	2.00
		Sheetal	0.30	0.50
		<b>Total</b>	5.80	9.05
		Karan Rai		
		Jayanti	0.30	0.40
		<b>Total</b>	0.30	0.40
		Raya		
		RCC 4	2.00	2.20
		Total	2.00	2.20
		Linseed		
		Nagarkot	0.50	0.60
		Binwa	0.10	0.10
		Baner	0.80	1.00
		Himani	1.00	1.40
		Him Als1 1	0.40	0.50
		Him Als1 2	1.00	1.60
		Bhagsu	0.20	0.25
		Surbhi (KL1)	0.50	0.55
		<b>Total</b>	4.50	6.00
		<b>Total Oilseed Crops</b>	32.80	38.15
	<b>Fodder Crops</b>	Oats		
		Plp 1	20.00	20.00
		Kent	10.00	10.00
		<b>Total</b>	30.00	30.00
		Maize		
		African Tall	1.00	1.00
		<b>Total</b>	1.00	1.00
		Setaria grass		
		PSS 1	0.10	0.12
		S-18	0.05	0.08
		<b>Total</b>	0.15	0.20
		W. Clover		
		Plp. Comp	0.10	0.15
		<b>Total</b>	0.10	0.15
		<b>Total Fodder Crops</b>	31.25	31.35
		<b>Grand Total (Palampur)</b>	654.85	757.42
<b>4</b>	<b>PAU, Ludhiana</b>			
	<b>Cereal Crops</b>	Paddy		
		Pusa 1121	0.00	5.00



		Pusa 1509	0.00	3.00
		<b>Total</b>	0.00	8.00
		Wheat		
		PBW 373	20.00	24.00
		PDW 291	10.00	10.00
		<b>Total</b>	30.00	34.00
		<b>Total Cereal Crops</b>	30.00	42.00
	<b>Pulses Crops</b>			
		Gram		
		L 552	2.00	2.00
		<b>Total Pulses Crops</b>	2.00	2.00
		<b>Grand Total (PAU)</b>	32.00	44.00
<b>5</b>	<b>CCS HAU, HISAR</b>			
	<b>Cereal Crops</b>			
		<b>Pearl Millet</b>		
		HBL-11 (R line HHB 226)	0.00	0.85
		H 77/833-2-202 (R line HHB 67 Imp. & HHB 234)	0.00	0.90
		AC 04/13 (R line HHB 272)	0.00	1.35
		<b>Total</b>	0.00	3.10
		<b>Total Cereal Crops</b>	0.00	3.10
	<b>Pulses Crops</b>			
		Mungbean		
		MH-318	1.50	0.15
		<b>Total</b>	1.50	0.15
		Total Pulses Crops	1.50	0.15
		<b>Grand Total (Hisar)</b>	1.50	3.25
<b>6</b>	<b>SVBPUAT, Meerut</b>			
	<b>Cereal crops</b>			
		Wheat		
		WB -02	0.00	20.00
		DBW -90	0.00	25.00
		DBW -71	0.00	55.00
		DBW -88	0.00	60.00
		DBW -17	0.00	25.00
		<b>Total</b>	0.00	185.00
		<b>Total Cereal Crops</b>	0.00	185.00
		<b>Grand Total (Meerut)</b>	0.00	185.00



7	<b>GBPUAT, Pantnagar</b>			
	<b>Cereal Crops</b>	Paddy		
		Pusa 44	0.00	14.68
		PR 113	0.00	96.92
		NDR 359	0.00	48.88
		Pant Basmati 1	0.00	37.37
		Pant Dhan 26	0.00	32.37
		Pant Sugandh Dhan 27	0.00	4.23
		Pant Sugandh Dhan 17	0.00	4.15
		Pusa Basmati 1	0.00	14.81
		Pusa Sugandh 4 (Pusa 1121)	0.00	72.72
		PR 114	0.00	15.57
		PR 121	0.00	96.09
		HKR 47	0.00	79.96
		PR 124	0.00	17.01
		MTU 7029	0.00	39.78
		BPT 5204	0.00	26.98
		Type 3	0.00	5.37
		Type 3 (Organic)	0.00	6.72
		Pant Dhan 22	0.00	4.98
		Pant Dhan 28	0.00	10.73
		Pusa Sugandh 5 (Pusa 2511)	0.00	11.34
		HKR 127	0.00	31.10
		<b>Total</b>	0.00	671.76
		Maize		
		Pant Sankul Makka 3	0.00	4.00
		<b>Total</b>	0.00	4.00
		Wheat		
		CBW 38	0.00	90.00
		DBW 17	0.00	150.00
		DBW 88	0.00	40.00
		DPW 621-50	0.00	70.00
		HD 2329	0.00	30.00
		HD 2733	0.00	95.00
		HD 2967	0.00	1817.00
		PBW 343	0.00	636.00
		PBW 373	0.00	204.00
		PBW 502	0.00	196.00
		PBW 550	0.00	120.00



		UP 2526	0.00	45.00
		UP 2554	0.00	45.00
		UP 2565	0.00	32.00
		WH 1105	0.00	176.00
		WH 711	0.00	240.00
		WH 1021	0.00	40.00
		DBW 16	0.00	45.00
		HD 2851	0.00	125.00
		<b>Total</b>	0.00	4196.00
		<b>Total Cereal Crops</b>	0.00	4871.76
	<b>Pulses Crops</b>			
		Pea		
		Pant Sabji Matar 3	0.00	45.00
		Pant Pea 250	0.00	1.50
		<b>Total</b>	0.00	46.50
		Gram		
		PG 3	0.00	25.00
		PG 4	0.00	37.00
		PG 5	0.00	25.00
		<b>Total</b>	0.00	87.00
		<b>Total Pulses Crops</b>	0.00	133.50
		<b>Grand Total (GBPUAT)</b>	0.00	5005.26
<b>8</b>	<b>NDUA &amp; T, Faizabad</b>			
	<b>Cereal Crops</b>	Paddy		
		BPT-5204	0.00	115.90
		Swarna Sub-1	0.00	38.70
		Sambha Sub-1	0.00	20.80
		NDR-3112-1	0.00	40.05
		Narendra Lalmati	0.00	0.80
		MTU-7029	0.00	27.45
		Sugandha-5	0.00	14.00
		Barani Deep	0.00	3.84
		Beena-11	0.00	28.00
		<b>Grand Total (NDUA&amp;T)</b>	0.00	289.54
<b>9</b>	<b>CSAUA&amp;T, Kanpur</b>	-	-	-
<b>10</b>	<b>BHU, Varansi</b>	-	-	-
<b>11</b>	<b>AAU, Jorhat</b>	-	-	-
	<b>Cereal Crops</b>	Paddy		
		Bahadur (IET-13358)	0.00	42.55
		Ranjit ( IET-12554)	0.00	190.00



		Swarna Sub 1	0.00	37.40
		Ranjit Sub 1	0.00	24.70
		Gitesh	0.00	22.80
		Bahadur Sub 1	0.00	19.60
		Ketekijoha	0.00	16.30
		Luit	0.00	14.50
		Mahsuri	0.00	7.70
		Swarna	0.00	4.30
		Manoharsali	0.00	0.80
		Aghoni	0.00	1.30
		Lachit	0.00	0.40
		<b>Total Cereal Crops</b>	0.00	382.35
	<b>Oil Seed Crops</b>	Toria		
		TS- 38	0.00	6.50
		TS- 46	0.00	7.50
		TS- 67	0.00	4.00
		<b>Total Oil Seed Crops</b>	0.00	18.00
		<b>Grand Total(Jorhat)</b>	0.00	400.35
<b>12</b>	<b>BAU, Ranchi</b>	-	-	-
<b>13</b>	<b>RPCAU, Pusa</b>			
	<b>Cereal Crops</b>	Paddy		
		R. Bhagwati	0.00	34.50
		R. Sweta	0.00	17.40
		R. Suwasini	0.00	3.00
		RajendraKasturi	0.00	2.80
		Rajshree	0.00	29.60
		<b>Total</b>	0.00	87.30
		Wheat		
		DBW-39	510.00	510.00
		HD-2967	1035.00	1035.00
		HD-2733	1080.00	1080.00
		DBW-107	100.00	100.00
		<b>Total</b>	2725.00	2725.00
		<b>Total Cereal Crops</b>	2725.00	2812.30
	<b>Pulses Crops</b>			
		Mungbean		
		HUM-16	9.00	9.00
		IPM2-3	167.00	167.00
		<b>Total</b>	185.00	185.00
		Pea		
		HUDP-15	18.00	18.00



		HFP-4	4.00	4.00
		<b>Total</b>	22.00	22.00
		Gram		
		BG-372	16.00	16.00
		<b>Total</b>	16.00	16.00
		<b>Total Pulses Crops</b>	223.00	223.00
		<b>Grand Total (DRPCA)</b>	2948.00	3035.30
<b>14</b>	<b>BCKV, Nadia,</b>			
	<b>Cereal Crops</b>	Paddy		
		Gontra Bidhan - 1	0.00	19.00
		Gontra Bidhan - 3	0.00	16.00
		<b>Total Cereal Crops</b>	0.00	35.00
		<b>Grand Total (West Bengal)</b>	0.00	35.00
<b>15</b>	<b>UBKV, Pundibari</b>	-	-	-
<b>16</b>	<b>OUA&amp;T, Bhubaneswar</b>	-	-	-
	<b>Cereal Crops</b>	Paddy		
		Khandagiri	0.00	14.10
		Upahar	9.00	9.00
		<b>Total</b>	9.00	23.10
		Finger Millet		
		Arjuna( OEB 526)	20.00	20.00
		<b>Total</b>	20.00	20.00
		Little Millet		
		Saura(OLM-208)	4.00	2.00
		<b>Total</b>	4.00	2.00
		<b>Total Cereal Crops</b>	33.00	45.10
	<b>Oil Seed Crops</b>	Sesamum		
		Smarak	0.15	0.15
		<b>Total Oil Seed Crops</b>	0.15	0.15
		<b>Grand Total (Bhubaneswar)</b>	33.15	45.25
<b>17</b>	<b>SKRAU, Bikaner</b>			
	<b>Pulses crops</b>	Moth Bean		
		RMO-2251	0.00	8.00
		<b>Total</b>	0.00	8.00
		Gram		
		GNG-2207	0.00	20.00
		<b>Total</b>	0.00	20.00
		<b>Total Pulses Crops</b>	0.00	28.00
		<b>Grand Total</b>	0.00	28.00

		(Bikaner)		
18	MPUAT, Udaipur	-	-	-
19	SDAU, SK Nagar			
	<b>Pulses Crops</b>	Mungbean		
		K 851	0.00	5.00
		GM 4	0.00	56.95
		Total	0.00	61.95
		Urdbean		
		T 9	0.00	8.90
		GU 1	0.00	25.00
		Total	0.00	33.90
		Guar		
		GG 1	0.00	4.30
		Total	0.00	4.30
		Cowpea		
		GC 4	0.00	1.91
		Total	0.00	1.91
		Pigeonpea		
		BDN 2	0.00	13.00
		ICPL 87	0.00	2.21
		<b>Total</b>	0.00	15.21
		<b>Total Pulses Crops</b>	0.00	117.27
		<b>Grand Total (SK Nagar)</b>	0.00	117.27
20	AAU, Anand			
	<b>Cereal Crop</b>	Maize Inbred Lines		
		IGI 1104 (Inbred male)	0.00	1.50
		GYL - 2 (female)	0.00	0.19
		IGI 1103(Inbred male)	0.00	1.50
		GM-3	0.00	15.00
		Narmada Moti	20.00	21.00
		Total	20.00	39.19
		Wheat:		
		LOK 1	30.00	35.00
		GW 322	70.00	75.00
		GW 496	35.00	35.00
		GW 11	60.00	70.00
		GW 173	40.00	50.00
		GW 496	40.00	50.00
		<b>Total</b>	275.00	315.00
		<b>Total Cereal Crops</b>	295.00	354.19





	<b>Pulses Crops</b>	Green gram		
		GAM 5	12.45	19.00
		<b>Total</b>	12.45	19.00
		Pigeon pe		
		AGT 2	5.00	12.00
		<b>Total</b>	5.00	12.00
		Gram:		
		GG-5	20.00	25.00
		GG-2	5.00	6.00
		<b>Total</b>	25.00	31.00
		<b>Total Pulses Crops</b>	42.45	62.00
	<b>Oil Seed Crops</b>	Ground nut		
		GG 34	0.00	2.00
		<b>Total</b>	0.00	2.00
		Total Oil Seed Crops	0.00	2.00
	<b>Fibre crops</b>	Cotton		
		GADC 2	0.00	2.00
		<b>Total</b>	0.00	2.00
		<b>Total Fiber Crops</b>	0.00	2.00
	<b>Forage Crops</b>	Lucerne		
		Anand-2	0.00	6.50
		<b>Total</b>	0.00	6.50
		<b>Total Forage Crops</b>	0.00	6.50
		<b>Grand Total (Anand)</b>	337.45	426.69
21	JAU, Junagadh	-	-	-
22	NAU, Navsari			
	<b>Cereal Crops</b>	Paddy		
		NAUR-1	3.00	10.00
		GNR-2	2.00	10.50
		GNR-4	2.00	9.00
		GNR-5	2.00	10.00
		GNR-7	2.00	3.50
		GR-15	1.00	9.00
		Purna	2.00	4.50
		<b>Total</b>	14.00	56.50
		Wheat		
		LOK 1	50.00	60.80
		GW 496	20.00	29.20
		<b>Total</b>	70.00	90.00
		Sorghum		



		GNJ 1	2.00	2.50
		<b>Total</b>	2.00	2.50
		Finger Millet		
		GN-5	11.00	23.80
		GNN-6	11.00	22.30
		GNN-7	11.00	26.70
		<b>Total</b>	33.00	72.80
		Little Millet		
		GV-2	11.00	13.00
		GNV-3	11.00	18.70
		<b>Total</b>	22.00	31.70
		<b>Total Cereal Crops</b>	141.00	253.50
		<b>Grand Total (Navsari)</b>	141.00	253.50
<b>23</b>	<b>IGKV, Raipur</b>			
	<b>Cereal Crop</b>	Paddy		
		MTU 1010	20.00	25.00
		<b>Total</b>	20.00	25.00
		Finger Millet		
		CG Ragi 2	8.00	8.00
		Indira Ragi 1	8.00	8.00
		<b>Total</b>	16.00	16.00
		Kodo		
		Indira Kodo 1	20.00	5.00
		<b>Total</b>	20.00	5.00
		Wheat		
		Ratan	15.00	20.00
		Sujata	20.00	30.00
		CG Gehu 4	25.00	40.00
		JW 3288	5.00	7.00
		JW 3211	5.00	8.00
		JW 3336	5.00	6.00
		CG Gehu 3	10.00	15.00
		CG Amber Wheat	10.00	15.00
		<b>Total</b>	95.00	141.00
		<b>Total Cereal Crops</b>	151.00	187.00
	<b>Pulses Crops</b>			
		Mung		
		HUM - 16	10.00	15.00
		<b>Total</b>	10.00	15.00
		Chickpea		
		Vaibhav	10.00	20.00
		Indira Chana 1	10.00	15.00



		JG - 14	20.00	22.00
		RVG 202	10.00	15.00
		<b>Total</b>	50.00	72.00
		Lathyrus		
		Pratik	10.00	15.00
		<b>Total</b>	10.00	15.00
		Fieldpea		
		Indira Matar 1	5.00	6.00
		Paras	10.00	15.00
		IPFD 10-12	1.00	2.00
		Aman	2.00	2.00
		Prakash	2.00	2.00
		<b>Total</b>	20.00	27.00
		Lentil		
		RVL 31	0.60	1.00
		<b>Total</b>	0.60	1.00
		<b>Total Pulses Crops</b>	90.60	130.00
	<b>Oil Seed Crops</b>			
		Linseed		
		Deepika	2.00	3.00
		Indira Alsi 32	6.00	7.00
		RLC 92	6.00	9.00
		Kartika	2.00	4.00
		<b>Total</b>	16.00	23.00
		Mustard		
		CG Sarson 1	1.00	2.00
		<b>Total</b>	1.00	2.00
		<b>Total Oilseed Crops</b>	17.00	25.00
		<b>Grand Total (Raipur)</b>	258.60	342.00
<b>24</b>	<b>JNKVV, Jabalpur</b>			
	<b>Cereal crops</b>	Paddy		
		JR-81	0.00	376.99
		PS-1460	0.00	44.90
		PS-5	0.00	66.00
		MR-219	0.00	25.50
		WGL-32183	0.00	32.00
		JR-206	0.00	22.21
		PS-4	0.00	74.15
		JRB-1	0.00	292.22
		Imp. Chhinor	0.00	76.44
		Imp. Jera Shankar	0.00	124.30



		JR-267	0.00	0.90
		<b>Grand Total (Jabalpur)</b>	0.00	1135.61
<b>25</b>	<b>VNMKV, Parbhani</b>			
	<b>Cereal Crops</b>			
		Sorghum		
		PVK 809	1.00	1.00
		<b>Total</b>	1.00	1.00
		<b>Total Cereal Crops</b>	1.00	1.00
	<b>Pulses Crops</b>	Moong		
		BM 2003-2	5.00	5.23
		<b>Total</b>	5.00	5.23
		Pigeon Pea		
		BSMR 736	2.00	3.00
		<b>Total</b>	2.00	3.00
		<b>Total Pulses Crops</b>	7.00	8.23
		<b>Grand Total (Parbhani)</b>	8.00	9.23
<b>26</b>	<b>MPKV, Rahuri</b>			
	<b>Cereal Crops</b>	Pearl Millet		
		Dhanshakti	0.00	3.16
		<b>Total</b>	0.00	3.16
		Paddy		
		P.Radha	0.00	1.60
		<b>Total</b>	0.00	1.60
		Sorghum		
		P.Ruchira	0.70	1.00
		P.Revati	20.00	30.00
		P.Panchmi	0.30	0.50
		P.Godhan	3.00	4.00
		P.Suchitra	20.00	32.00
		P.Rohini (RPAS-3)	1.50	2.00
		P.Madhur(RSSGV-46)	0.10	0.20
		185A	0.10	0.20
		185B	0.10	0.20
		RSSV-260(R)	0.10	0.20
		P.Yashoda	0.10	0.20
		<b>Total</b>	46.00	70.50
		Wheat		
		HD-2189	3.00	5.00
		P.Samadhan(NIAW-1994)	30.00	40.00



		<b>Total</b>	33.00	45.00
		<b>Total Cereal Crops</b>	79.00	120.26
		Chickpea		
		Vikram	40.00	50.00
		<b>Total</b>	40.00	50.00
		Rajmash		
		Varun	3.00	5.00
		P. Rajama	1.00	2.00
		<b>Total</b>	4.00	7.00
		<b>Total Pulses Crops</b>	44.00	57.00
	<b>Oilseed Crops</b>			
		Sunflower		
		P.Bhaskar	0.00	0.07
		Bhanu	0.00	0.02
		<b>Total OilSeed Crops</b>	0.00	0.09
	<b>Forage Crops</b>			
		Bajra		
		Giant Bajra	0.00	30.00
		<b>Total</b>	0.00	30.00
		Stylo		
		P. Kranti	0.00	0.04
		<b>Total</b>	0.00	0.04
		Cowpea		
		Sweta	0.00	0.10
		P.Vithai	0.00	0.90
		<b>Total</b>	0.00	1.00
		Lucerene		
		RL-88	0.60	0.80
		<b>Total</b>	0.60	0.80
		Oat		
		P.Surbhi	3.00	4.00
		<b>Total</b>	3.00	4.00
		<b>Total Forage Crops</b>	3.60	35.84
		<b>Grand Total (Rahuri)</b>	126.60	213.19
<b>27</b>	<b>PDKV, Akola</b>			
	<b>Cereal Crops</b>	Sorghum		
		PKV ASHWINI	0.00	1.01
		AKSV 181	0.00	0.25
		SPH 1635 AKR-456	0.00	1.30
		CSH 35-A LINE	0.00	0.61



		(AKMS 30A)		
		CSH 35-B LINE (AKMS 30B)	0.00	0.80
		<b>Total</b>	0.00	3.97
		Wheat		
		AKW -4210-6 (PDKV Sardar)	0.00	54.40
		AKW -4627	0.00	102.60
		WSM-1472 (PDKV WASHIM)	0.00	24.00
		<b>Total</b>	0.00	181.00
		Paddy		
		PKV Kisan	0.00	9.00
		<b>Total</b>	0.00	9.00
		<b>Total Cereal Crops</b>	0.00	193.97
	<b>Pulses Crops</b>	Tur		
		Gram		
		JAKI-9218	0.00	275.00
		PKV KABULI 2	0.00	23.20
		PKV Harita	0.00	5.60
		<b>Total</b>	0.00	303.80
		Mung		
		PKV AKM 4 (AKM 9904)	0.00	4.56
		PKV MOONG 8802	0.00	1.29
		KOPERGAON	3.00	3.20
		<b>Total</b>	3.00	9.05
		Udid		
		PDKV BLACK GOLD (AKU 10-1)	0.00	4.85
		AKU 15	0.00	5.72
		<b>Total</b>	0.00	10.57
		<b>Total Pulses Crops</b>	3.00	323.42
	<b>Oilseed Crops</b>			
		Safflower		
		PKV PINK (AKS 311)	0.00	4.60
		<b>Total</b>	0.00	4.60
		Linseed		
		NL-260	0.00	1.00
		<b>Total</b>	0.00	1.00
		<b>Total Oilseed Crops</b>	0.00	5.60
	<b>Fiber Crops</b>			



		AKH-081	0.00	0.87
		<b>Total</b>	0.00	0.87
		<b>Total Fiber Crops</b>	0.00	0.87
		<b>Grand Total (Akola)</b>	3.00	523.86
<b>28</b>	<b>KKV, Dapoli</b>			
	<b>Cereal Crops</b>	Paddy		
		Ratnagiri-1	6.90	10.00
		Ratnagiri-3	0.00	1.35
		Ratnagiri-4	0.00	7.65
		Ratnagiri-6	9.00	22.80
		Ratnagiri-7	4.00	7.60
		Ratnagiri-8	6.80	23.70
		Ratnagiri-24	3.00	3.00
		Ratnagiri-73	0.00	1.62
		Ratnagiri-711	0.00	6.75
		Karjat-2	0.00	3.30
		Karjat-4	0.00	6.30
		Karjat-5	0.00	4.52
		Karjat-10	0.00	9.00
		Karjat-184	0.00	2.70
		BARCKKV-13 (Trombay Karjat Kolam)	0.00	3.60
		Panvel-1	0.00	3.95
		Panvel-2	0.00	1.35
		Panvel-3	0.00	2.12
		Palghar-1	0.00	1.35
		Palghar-2	0.00	1.35
		Phondaghat-1	0.00	0.22
		Hybrid Paddy		
		*Sahyadri-4		
		IR 58025 A line	4.00	2.12
		IR 58025 B line	1.00	1.50
		KJTR-4 R line	2.00	0.28
		Sahyadri Series R lines		
		KJTR-1	1.00	0.40
		KJTR-2	1.00	0.35
		KJTR-3	1.00	0.45
		Total	39.70	129.33
		Finger Millet (Nagli)		
		Dapoli-1	0.00	0.27



		Dapoli Safed-1	0.00	0.22
		Dapoli-2	0.00	0.18
		<b>Total</b>	0.00	0.67
		<b>Total Cereal Crops</b>	39.70	130.00
	<b>Pulses Crops</b>	Pigeonpea		
		Konkan Tur	0.00	0.02
		Total	0.00	0.02
		Cowpea		
		Konkan Sadabahar	0.40	1.00
		Konkan Safed	1.00	1.00
		Total	1.40	2.00
		Lablab Bean		
		Konkan Wal-2	1.00	1.50
		Total	1.00	1.50
		Horsegram		
		Dapoli Kulathi-1	0.50	0.80
		<b>Total</b>	0.50	0.80
		<b>Total Pulses Crops</b>	2.90	4.32
	<b>Oilseed Crops</b>	Groundnut		
		Konkan Tapora (TKG Bold)	0.00	5.50
		Konkan Gaurav	0.00	2.90
		Konkan Bhuratn	0.00	22.00
		<b>Total</b>	0.00	30.40
		<b>Total Oilseed Crops</b>	0.00	30.40
	<b>Forage Crops</b>	Cowpea		
		Konkan Fodder Cowpea-1	1.00	0.35
		Total	1.00	0.35
		Ricebean		
		Konkan Rice bean-1	0.10	0.10
		<b>Total</b>	0.10	0.10
		<b>Total forage Crops</b>	1.10	0.45
		<b>Grand Total (Dapoli)</b>	43.70	165.17
<b>29</b>	<b>UAS, Bangalore</b>			
	<b>Cereal Crops</b>	Paddy		
		Thanu	8.00	10.00
		BR-2655	10.00	12.00
		IR-30864	6.00	7.00
		Hy. Paddy (KRH 4)		
		CRMS-32A	10.00	14.00





	CRMS-32B	0.00	1.50
	MSN-36	0.50	2.00
	<b>Total</b>	34.50	46.50
	Finger Millet		
	MR-1	4.00	4.50
	MR-6	3.00	5.50
	KMR-301	2.00	17.50
	KMR-204	2.00	6.00
	KMR-340	2.00	6.00
	Indaf-5	0.10	1.50
	Indaf-7	2.00	5.50
	Indaf-8	0.10	1.00
	Indaf-9	0.50	1.20
	GPU-28	1.00	2.00
	GPU-48	2.00	3.00
	GPU-67	3.00	5.00
	ML-365	2.00	2.50
	<b>Total</b>	23.70	61.20
	Maize*		
	MAI-105 (M)	0.50	1.00
	Hema (NAH-1137)		
	NAI-137 (F)	0.50	1.00
	Nithyashree (NAH-2049)		
	SKV-50 (F)	0.50	1.00
	Composites		
	NAC-6002	1.00	2.00
	NAC-6004	1.00	2.00
	African Tall	1.00	3.00
	MAH-14-5		
	CAL-14-43	0.50	1.00
	CML-451	0.30	0.50
	<b>Total</b>	5.30	11.50
	<b>Total Cereal Crops</b>	63.50	119.20
	<b>Pulses Crops</b>		
	Cowpea		
	KBC-9	0.00	2.00
	C-152	7.25	7.00
	<b>Total Pulse Crops</b>	7.25	9.00
	<b>Oilseed Crops</b>		
	Sunflower		
	CMS-234A	5.50	6.00



		CMS-17A	7.40	8.00
		RHA-95C-1	3.00	3.00
		<b>Total</b>	15.90	17.00
		<b>Total Oilseed Crops</b>	15.90	17.00
		<b>Grand Total (Bangalore)</b>	86.65	145.20
<b>30</b>	<b>UAS, Dharwad</b>	-	-	-
<b>31</b>	<b>PJTSAU, Hyderabad</b>			
	<b>Cereal Crops</b>	Paddy		
		RNR-15048	0.00	30.00
		JGL-18047	0.00	27.00
		KNM-118	0.00	19.60
		JGL-1798	0.00	10.40
		MTU-1001	6.40	6.50
		BPT-5204	50.00	50.00
		RDR-763	5.00	5.00
		RNR-12392	1.00	1.00
		RNR-2458	2.00	2.00
		RNR-2465	2.00	2.00
		Shobini	1.00	1.00
		WGL-32100	0.00	11.50
		Erra Mallelu (WGL 20471)	1.00	1.00
		Kavya (WGL 48684)	0.50	0.50
		WGL-347	0.50	1.50
		WGL-3825	1.00	2.00
		WGL-44	5.00	29.23
		WGL-13400	2.00	2.00
		WGL-283	2.00	2.00
		WGL-48684	0.50	0.50
		<b>Total</b>	79.90	204.73
		Maize		
		BML-6 (Female DHM 117)	0.50	0.50
		BML-7 (Male DHM 117))	0.50	0.50
		BML-45 (Female DHM 121)	1.00	1.00
		BML- 6 (Male DHM 121)	0.00	0.00
		Amber Popcorn	1.00	1.00
		Priya	0.40	0.40



		Madhuri	1.00	1.00
		<b>Total</b>	4.40	4.40
		Sorghum		
		PSV-56	1.20	1.20
		MJ-278	2.50	2.50
		CSV-31	2.00	2.00
		<b>Total</b>	5.70	5.70
		<b>Total Cereal Crops</b>	90.00	214.83
	<b>Pulses Crops</b>	Redgram		
		ICPL-87119	1.00	2.00
		PRG-158	0.50	0.50
		PRG-176	5.00	5.00
		TDRG-4	0.55	0.55
		<b>Total Pulses Crops</b>	7.05	8.05
	<b>Oil Seed Crops</b>	Castor		
		PCS 262	2.00	2.00
		<b>Total Oil Seed Crops</b>	2.00	2.00
	<b>Fodder Crops</b>	Pearlmillet		
		Moti	0.50	0.50
		Total	0.50	0.50
		Cowpea		
		Vijaya	0.50	0.50
		<b>Total</b>	0.50	0.50
		<b>Total Fodder Crops</b>	1.00	1.00
		<b>Grand Total (PJ TSAU)</b>	100.05	225.88
<b>32</b>	<b>TNAU, Coimbatore</b>			
	<b>Cereal Crops</b>	Paddy		
		ADT 36	1.00	0.90
		ADT 37	15.00	15.00
		ADT 38	25.00	25.83
		ADT 39	0.00	37.45
		ADT 42	25.00	24.50
		ADT 43	79.00	79.34
		ADT (R) 45	88.00	88.00
		ADT (R) 46	36.50	36.46
		ADT (R) 50	1.30	1.30
		CO 43	14.50	14.50
		CO (R) 50	45.00	45.00
		CO (R) 51	11.20	11.20
		CO 52	9.00	11.70



	CR 1009 sub1	0.00	81.62
	IR 20	46.00	46.10
	IR 36	2.00	17.90
	IR 50	12.40	12.40
	ASD 16	105.00	105.00
	ASD 19	2.00	2.00
	I. W. Ponni	45.50	45.58
	TRY 1	6.60	6.65
	TPS 5	0.60	0.60
	TKM 9	50.00	50.00
	TKM 13	9.50	9.50
	COMS 23A	0.08	0.08
	COMS 23A	0.04	0.04
	CB 174R	0.04	0.04
	MDU 6	1.25	1.25
	<b>Total</b>	<b>631.51</b>	<b>769.94</b>
	Sorghum		
	CO (S) 30	0.00	0.00
	K 12	0.32	0.50
	<b>Total</b>	<b>0.32</b>	<b>0.50</b>
	Maize		
	CO 6 Parental Line		
	Female UMI 1200	0.23	0.23
	Male UMI 1230	0.14	0.14
	COH (M) 8 Parental Line		
	Female UMI 1201	0.00	0.01
	Male UMI 1230	0.00	0.07
	COH (M) 9 Parental Line		
	Female UMI 1205	0.00	0.01
	<b>Total</b>	<b>0.37</b>	<b>0.46</b>
	Cumbu		
	CO (Cu) 10	0.30	0.30
	<b>Total</b>	<b>0.30</b>	<b>0.30</b>
	Ragi		
	CO (Ra) 15	0.10	0.10
	<b>Total</b>	<b>0.10</b>	<b>0.10</b>
	Little millet		
	Samai 0 CO 4	0.10	0.10
	<b>Total</b>	<b>0.10</b>	<b>0.10</b>
	Prosomillet		
	MDU 1	0.00	0.04



		<b>Total</b>	0.00	0.04
		<b>Total Cereals Crops</b>	632.70	771.44
	<b>Pulses Crops</b>	Redgram		
		VBN 3	0.38	0.38
		<b>Total</b>	0.38	0.38
		Blackgram		
		ADT 3	3.48	3.48
		ADT 5	3.13	3.13
		VBN (Bg) 4	7.60	7.60
		VBN (Bg) 6	2.20	2.20
		CO 6	0.32	0.32
		MDU 1	0.66	0.66
		VBN (BG) 8	5.92	5.92
		<b>Total</b>	23.31	23.31
		Greengram		
		VBN 2	1.12	1.12
		VBN 3	0.60	0.60
		VRM (Gg) 1	0.40	0.40
		CO (Gg) 912 (CO 7)	4.74	4.74
		CO 8	0.16	0.16
		CO 6	0.70	0.70
		<b>Total</b>	7.72	7.72
		Cowpea		
		CO (Cp) 7	1.98	1.98
		<b>Total</b>	1.98	1.98
		<b>Total Pulses Crops</b>	33.39	33.39
	<b>Oil Seed Crops</b>	Groundnut		
		VRI (Gn) 6	6.00	6.00
		VRI (Gn) 7	0.00	0.00
		VRI 8	9.60	9.60
		CO 6	3.00	7.10
		CO 7	0.00	0.00
		ALG-06-320	13.20	13.20
		TMV 14	0.00	0.00
		<b>Total</b>	31.80	35.90
		Til		
		SVPR1	0.18	0.18
		TMV (Sv) 7	0.00	0.00
		<b>Total</b>	0.18	0.18
		Castor		
		TMV 5	0.50	0.50
		<b>Total</b>	0.50	0.50

		<b>Total Oil Seed Crops</b>	32.48	36.58
	<b>Fiber Crops</b>	Cotton		
		MCU 5	0.20	0.20
		SVPR 2	0.60	0.60
		SVPR 4	0.20	1.00
		SVPR 4	1.00	1.00
		K 12	0.10	0.10
		MCU 7	0.24	0.24
		SVP 3	0.06	0.06
		<b>Total fiber Crops</b>	2.40	3.20
	<b>Forage Crops</b>	Sorghum		
		CSV 33 MF	0.55	0.55
		<b>Grand Total (Coimbatore)</b>	701.52	845.16
<b>33</b>	<b>KAU, Thrisur</b>			
	<b>Cereal Crops</b>	Paddy		
		Jaya	3.00	3.37
		Uma	3.00	3.37
		Uma	2.50	3.00
		Harsha	1.50	1.50
		Aiswarya	2.00	2.50
		K.K.Varna	2.00	2.50
		Annapoorna	0.50	0.50
		Kanchana	2.00	2.50
		Swarnaprabha	1.00	1.00
		Samyuktha	0.50	0.50
		Anaswara	1.00	1.00
		Karuna	3.00	3.00
		Neeraja	2.50	3.00
		Ponmani	2.50	2.50
		MangalaMahsuri RM1	2.50	2.50
		Prathyasa	2.00	2.00
		Sampada	1.00	1.50
		Jeerakasala	0.50	0.50
		Makaram	2.50	2.50
		Swetha	1.00	1.50
		Shreyas	2.50	2.50
		Supriya	2.50	3.00
		Akshaya	2.50	3.00
		<b>Grand Total (Pattambi)</b>	44.00	49.24



<b>34</b>	<b>CAU, Imphal</b>			
	<b>Cereal Crops</b>	<b>Paddy</b>		
		CAU-R1	0.00	5.70
		CAU-R3	0.00	0.50
		CAU-R4	0.00	1.20
		<b>Grand Total (Imphal)</b>	<b>0.00</b>	<b>8.40</b>
<b>35</b>	<b>IARI, New Delhi</b>			
	<b>Cereal Crops</b>			
		Wheat		
		HD-3117	5.00	5.00
		HI-1620	8.50	10.00
		HD-3237	8.50	10.00
		HD-3226	195.00	200.00
		<b>Total Cereal Crops</b>	<b>217.00</b>	<b>225.00</b>
	<b>Pulses Crops</b>	Arhar		
		Pusa Arhar-16	0.00	12.00
		<b>Total</b>	<b>0.00</b>	<b>12.00</b>
		<b>Grand Total (New Delhi)</b>	<b>217.00</b>	<b>237.00</b>
	<b>IARI, RS, Indore</b>			
	<b>Cereal Crops</b>			
		HI 1605	120.00	120.00
		HI 1620	40.00	40.00
		HI 1612	10.00	10.00
		<b>Grand Total (Indore)</b>	<b>170.00</b>	<b>170.00</b>
		<b>Grand Total</b>	<b>387.00</b>	<b>407.00</b>
<b>36</b>	<b>IIWBR, Karnal</b>			
	<b>Cereal Crops</b>	Wheat		
		DBW 173	363.00	375.00
		<b>Grand Total (IIWBR)</b>	<b>363.00</b>	<b>375.00</b>
<b>37</b>	<b>VPKAS, Almora</b>			
	<b>Cereal Crops</b>			
		Finger Millet		
		VL Mandua 352	8.00	13.60
		VL Mandua 315	0.50	0.50
		VL Mandua 376	3.00	5.50
		VL Mandua 379	1.00	2.00
		<b>Total</b>	<b>12.50</b>	<b>21.60</b>
		Barnyard Millet		
		VL Madira 207	2.00	2.00



		<b>Total</b>	2.00	2.00
		<b>Grand Total (Almora)</b>	14.50	23.60
<b>38</b>	<b>IIPR, Kanpur</b>	-	-	-
<b>39</b>	<b>IISR, Lucknow</b>	-	-	-
<b>40</b>	<b>CRIJAF, Barrackpore</b>			
	<b>Fiber Crops</b>			
		Mesta		
		HC 583	1.00	0.90
		AMC 108	1.00	1.00
		HS 4288	1.00	1.10
		HS 7910	0.50	0.40
		JBMP 2	0.50	0.40
		Total	4.00	3.80
		Sunhemp		
		SUIN 037	0.50	0.50
		<b>Total</b>	0.50	0.50
		<b>Grand Total (Barrackpore)</b>	4.50	4.30
<b>41</b>	<b>NRRI, Cuttack</b>			
	<b>Cereals Crops</b>	Paddy		
		CR Dhan 407	0.50	0.90
		CR Dhan 907	0.50	0.90
		Ketakijoha	1.00	1.60
		Ranjit	6.00	7.50
		Nua Chinikamini	0.30	0.60
		Nua Kalajeera	1.00	1.20
		Padmini	0.30	0.60
		CR Borodhan 2	0.50	1.00
		CR Dhan 200	0.50	1.00
		CR Dhan 204	0.50	1.00
		CR Dhan 206	0.50	1.00
		CR Dhan 311	0.50	1.00
		CR Dhan 601	0.50	1.00
		Improved Lalat	0.50	1.00
		Ratna	0.30	0.60
		Sahabthagidhan	0.10	3.00
		<b>Total</b>	13.50	23.90
<b>42</b>	<b>IGFRI, Jhansi</b>			
	<b>Forage crops</b>			
		Oat		
		JHO 2010-1	0.00	5.50
		JHO2009-1	0.00	2.00





		JHO 99-1	0.00	0.50
		JHO 851	0.00	0.50
		Total	0.00	8.50
		Berseem		
		JBSC 1	0.00	1.00
		<b>Grand Total(Jhansi)</b>	0.00	9.50
<b>43</b>	<b>DRMR, Bharatpur</b>	-	-	-
<b>44</b>	<b>IISR, Indore</b>	-	-	-
<b>45</b>	<b>DGR, Junagadh</b>	-	-	-
<b>46</b>	<b>CAZRI, Jodhpur</b>	-	-	-
<b>47</b>	<b>CICR, Nagpur</b>	-	-	-
<b>48</b>	<b>IIOR, Hyderabad</b>	-	-	-
<b>49</b>	<b>IIRR, Hyderabad</b>	-	-	-
<b>50</b>	<b>IIMR, Hyderabad</b>			
	<b>Cereal Crops</b>	Sorghum		
		CSV 27	5.00	10.00
		CSV 26 (Solapur)	0.00	10.00
		CSV 31	8.00	15.00
		CSV 32F	5.00	10.00
		CSV 33MF	3.00	5.00
		PMS 28A	3.00	3.00
		PMS 28B	1.00	1.00
		467A	5.00	5.00
		467B	3.00	3.00
		CSV 29R	5.00	10.00
		<b>Total (IIMR, Hyderabad)</b>	38.00	72.00
<b>51</b>	<b>SBI, Coimbatore</b>	-	-	-
<b>52</b>	<b>IISS, Mau</b>	-	-	-
<b>53</b>	<b>IIMR, Ludhiana</b>			
	<b>Cereal Crops</b>	Maize		
		BML-6	20.00	25.00
		IML-418-1	5.00	3.50
		BML-7	5.00	3.50
		HKI-193-1	1.00	1.00
		HKI-163	1.00	1.00
		WOSC	0.25	0.25
		<b>Total (IIMR, Ludhiana)</b>	32.25	34.25
<b>54</b>	<b>CCARI, Goa</b>	-	-	-
<b>55</b>	<b>CIARI, Port Blair</b>			
	<b>Cereal Crops</b>	Paddy		



		CARI Dhan 1	0.05	0.06
		CARI Dhan 2	0.05	0.07
		CARI Dhan 3	0.05	0.05
		CARI Dhan 4	0.20	0.17
		CARI Dhan 5	0.20	0.15
		CARI Dhan 6	0.20	0.20
		CARI Dhan 7	0.25	0.06
		CARI Dhan 8	0.30	0.30
		CARI Dhan 9	0.30	0.40
		CSR36	0.10	0.05
		Gayatri	0.20	0.08
		<b>Total</b>	1.90	1.57
		<b>Total Cereal Crops</b>	1.90	1.57
		Green Gram		
		CARI Mung 2	0.03	0.05
		CARI Mung 4	0.04	0.05
	<b>Pulses Crops</b>	<b>Total</b>	0.07	0.10
		Black Gram		
		CARI Urd 1	0.02	0.04
		CARI Urd 2	0.02	0.04
		<b>Total</b>	0.04	0.08
		<b>Total Pulses Crops</b>	0.11	0.18
		<b>Grand Total (CIARI)</b>	2.01	1.75
56	VSI, Pune	-	-	-
57	UAS, Raichur			
	<b>Cereal Crops</b>	Paddy		
		GGV 0501	0.00	5.00
		<b>Total</b>	0.00	5.00
	<b>Pulses Crops</b>	Pigeonpea		
		GRG 811	0.00	10.00
		BSMR 736	0.00	5.00
		<b>Total</b>	0.00	15.00
		Blackgram		
		TAU-1	0.00	3.50
		<b>Total</b>	0.00	3.50
		Bengalgram		
		A-1	0.00	5.00
		BGD-103	0.00	25.00
		<b>Total</b>	0.00	30.00
		<b>Total Pulses Crops</b>	0.00	48.50
	<b>Oil Seed Crops</b>			
		Sunflower		



		CMS38A	0.00	2.10
		R 630 R (RSFH 130 Male)	0.00	2.10
		R127-1 (RSFH 1887 Male)	0.00	1.00
		<b>Total</b>	0.00	5.20
		<b>Total Oil Seed Crops</b>	0.00	5.20
		<b>Grand Total (Raichur)</b>	0.00	58.70
<b>58</b>	<b>RVSKVV, Gwalior</b>			
	<b>Cereal Crops</b>			
		Sorghum		
		JJ 104	0.00	3.20
		<b>Total</b>	0.00	3.20
		<b>Grand Total (Gwalior)</b>	0.00	3.20
<b>59</b>	<b>BAU, Sabour</b>			
	<b>Cereal Crops</b>	Paddy		
		Sabour Surbhit	0.00	35.00
		Sabour Shree	0.00	35.00
		Sabour Deep	0.00	15.00
		Sabour Ardjal	0.00	30.00
		Rajendra Sweta	0.00	120.00
		Rajendra Kasturi	0.00	25.00
		Rajendra Mahsuri	0.00	40.00
		R Suvasani	0.00	10.00
		Sahbhagi	0.00	15.00
		<b>Total</b>	0.00	325.00
		<b>Grand Total (Sabour)</b>	0.00	325.00
<b>60</b>	<b>PAJANCOA&amp;RI, Karaikal</b>	-	-	-
<b>61</b>	<b>UAHS, Shimoga</b>	-	-	-
<b>62</b>	<b>ICAR RC NEH, Manipur</b>			
	<b>Cereal Crops</b>	Paddy		
		RC Maniphou-4	2.50	3.00
		RC Maniphou-5	0.50	0.85
		RC Maniphou-6	3.50	5.80
		RC Maniphou-7	15.00	15.50
		RC Maniphou-10	10.00	10.00
		RC Maniphou-11	0.50	0.65
		RC Maniphou-12	30.00	35.00



		RC Maniphou-13	35.00	40.50
		Gomatidhan	0.00	173.00
		<b>Total</b>	97.00	284.30
		Maize		
		Pusa Composite 3	1.00	1.50
		MS 8-1	1.00	1.00
		<b>Total</b>	2.00	2.50
		Total Cereal Crops	99.00	286.80
		Urd		
		SK PD-3	0.00	0.35
		SKR 57	0.00	0.36
	<b>Pulses Crops</b>	<b>Total</b>	0.00	0.71
		Rajamsh		
		Tripura Rajmash Selection 1	0.00	0.62
		<b>Total</b>	0.00	0.62
		Total Pulses Crops	0.00	1.33
		Soybean		
		JS-335	0.50	0.57
		<b>Total</b>	0.50	0.57
	<b>Oilseed Crops</b>	Groundnut		
		ICGS-76	1.50	2.65
		<b>Total</b>	1.50	2.65
		Sesame		
		Tripura Siping	0.00	1.20
		<b>Total</b>	0.00	1.20
		Toria		
		TRC Toria 1	0.00	1.30
		<b>Total</b>	0.00	1.30
		<b>Total Oilseed Crops</b>	2.00	5.72
		<b>Grand Total (Manipur)</b>	101.00	293.85
	<b>ICAR RC NEH, Tripura</b>			
	<b>Cereal Crops</b>	Paddy		
		Tripura Khara 1	0.00	5.20
		Tripura Khara 2	0.00	1.40
		Tripura Jala 1	0.00	0.80
		Tripura Chikan Dhan	0.00	62.00
		Tripura Sarat	0.00	3.70
		Tripura Nirog	0.00	73.00
		Tripura Hakuchuk 1	0.00	4.10



		Tripura Hakuchuk 2	0.00	12.20
		Tripura Aush	0.00	3.40
		<b>Total</b>	0.00	165.80
		<b>Total Oilseed Crops</b>	0.00	165.80
		<b>Grand Total (Tripura)</b>	0.00	165.80
	<b>Grand total</b>		<b>101.00</b>	<b>459.65</b>
<b>63</b>	<b>ANGRAU, Guntur</b>			
	Cereal Crops	Paddy		
		IR 64	0.00	78.50
		BPT 2231	0.00	15.00
		<b>Total</b>	0.00	93.50
		Ragi		
		Sri Chaitanya (VR847)	0.00	9.50
		<b>Total</b>	0.00	9.50
		Total Cereal Crops	0.00	103.00
	Pulse crops	Green gram		
		IPM- 2-14	0.00	8.90
		Total Pulses Crops	0.00	8.90
	Fiber Crops	Mesta		
		AMV-5	0.00	3.00
		<b>Grand Total (Guntur)</b>	<b>0.00</b>	<b>114.90</b>

\*Rabi 2018-19 expected seed production figures were used in compilation.

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## HRD/Capacity Building

Having a mandate of Human Resource Development in seed domain, various modules of trainings have been carried out by varied cooperating centres to cater the need of seed producing personnel including farmers, trainers and employees (field staff) of State Seed Certification Agency/ State Seed Corporation/ Seed Producer Companies and NGOs. Trainings were mainly focused on seed production, processing, storage, packaging, quality enhancement, quality control and seed health management. According to crop season, need and type of beneficiary, trainings were imparted under ICAR Seed Project on regular basis under Human Resource Development (HRD) component. Special training programmes on quality seed production for farmers of tribal areas were also initiated under Tribal Sub Plan component in selected cooperating centres across the country.

In-toto **358** trainings/field days were organized for varied stakeholders during the year 2018-19. Similarly **87** Exhibitions/ Kisanmelas/KisanGoshtis were organized on diverse themes related to seed by different cooperating centres across the country.

### Training/ Field days:

Center	No.	Title	Date	Kind of stakeholders	No. of Beneficiaries
<b>SKUAS &amp; T, Sringer</b>					
Training	1	Quality Seed production of paddy in farmers field	01-03-2018	Farmers	40
	1	Quality Seed production of paddy	29.03.2018	Farmers	45
	1	Quality Seed production of paddy	12.04.2018	Farmers	35
	1	Quality Seed production of paddy	16.04.2018	Farmers	35
	1	Quality Seed production of paddy	17.04.2018	Farmers	35



## ICAR Seed Project- "Seed Production in Agricultural Crops"

	1	Quality Seed production of cereal crops	14.05.2018	Farmers	45
	1	Quality Seed production of cereal crops	15-05-2018	Farmers	60
	1	Quality Seed production of paddy & maize	06.07.2018	Farmers	
	1	Quality Seed production of Oats & oilseed	28-07-2018	Farmers	30
	1	Quality Seed production of Oats & Maize	1/11/2018	Farmers	40
	1	Quality Seed production of Oats & Maize	4/12/2018	Farmer	50
Field day/ Seed days	3	Distribution of Paddy /Maize Seed Under Participatory Seed Production Programme	20.03.2018, 10.08.2018, 10.08.2018	Farmers	97
<b>SKUAS &amp; T, Jammu</b>					
Training	1	Quality seed production in Oats	21-12-2018	Farmers	50
Field day/ Seed days	1	Organized <b>Five days</b> training Programme" Quality seed production of cereal crops"	22-26 Oct., 2018	Officers/scientists	30
<b>CSK, Palampur</b>					
Training	5	Quality Seed Production and Testing	24-02-2019(1 Day Programme) KVK, Berthin, District Bilaspur (HP)	Progressive farmers of district Bilaspur	50 (15F+35M)
		Quality Seed Production and Testing	17-03-2019(1 Day Programme) CSKHPKV Palampur (HP)	Progressive farmers of district Kangra	50 (20F+30M)



		Seed Production Techniques in Cereals, Oilseed, Pulses and Vegetable crops	13-03-2019 (2daysprogramme) RRS, Akrot, Dist. Una (HP)	Agriculture officials and progressive farmers	50
		Seed Production Technology and Processing of Cereals and Pulses	15-03-2019 Sirmour (HP)	Agriculture officials and progressive farmers	50
		Seed Production Technology and Processing of Cereals and Pulses	16-03-2019 (1 Day Programme)Sirmour(HP)	Agriculture officials and progressive farmers	60
<b>Field day/ Seed days</b>					
Wheat Day	6	Wheat Day (Village level)	20-04-2018, Gadori, District -Kullu (HP)	Progressive farmers	70 (36F+34M)
Oilseeds Day		Soybean Day	21-08-2018, Haar, Jawali, CSKHPKV, KVK, Kangra (HP)	Progressive farmers	72 (32F+40M)
Pulses Day		Urd Day (Village level)	24-08-2018 & 11-09- 2018, Deoli&Fagog, CSKHPKV, KVK, Berthin (HP)	Progressive farmers	22 (3F+19M)
Oilseeds Day		Sesame Day	29-08-2018, Chandrot, Kangra) CSKHPKV, KVK, Kangra (HP)	Progressive farmers	82 (40F+42M)
Crop Day		Rice Day	22-09-2018, Malan, CSKHPKV, RWRS, Malan, Kangra (HP)	Farmers, Agri. Officials and others	316 (291F+25M)
Pulses Day		Urd Day (Village level)	05-11-2018, Chhoyal, District Kullu (HP)	Progressive farmers	51 (35F+16M)





**ICAR Seed Project- "Seed Production in Agricultural Crops"**

<b>PAU, Ludhiana</b>					
Trainings	2	Seed Production & Grading at USF Ladhawal	15 February, 2019	Technical Staff of PAU engaged in seed production	20
		Seed Production & Grading at USF Naraingarh	22 February, 2019	Faculty of PAU engaged in seed production	25
	1	Seed Production of Field and Vegetable Crops	25 March, 2019	Farmers, farm women and seed producers	100
<b>SVBPUA&amp;T, Merrut</b>					
Training	3	Seed Production and certification of basmati rice.	20-06-2018	Farm women/ Farmers	50
		Seed Production and certification of wheat.	5/10/2018	Farm women/ Farmers	50
		Seed Production and certification of oil seed pulses.	6/10/2018	Farm women/ Farmers	50
Field day/ Seed days	3	Seed Day	22-10-2018 *15 & 18 March, 2019 Proposed	Farm women/ Farmers	180
<b>CSAUA&amp;T, Kanpur</b>					
Training	4	Beej Utpadan Evam Beej Vidhayan Takneek Prashikshan	18.01.2019	Farmer	150
		Beej Utpadan Takneek Prashikshan	15.02.2019	Farmers	250
		Advances in Seed production of nutritional crops	18 - 19.02.2019	PG Students	130
		Innovations in seed Production and seed quality management of nutritional crops.	9-10.03.2019	PG Students	150



<b>BHU, Varanasi</b>						
famers training	2	Pigeonpea seed production	-	Seed Producers and progressive farmers.	42	
famers training	2	Seed certification	-	Seed Producers and progressive farmers.	38	
Seed officers training	1	seed production in rabi crops	-	State seed sector officers	45	
famers training	1	Summer moong seed production	-	Seed Producers and progressive farmers.	50	
Field day/ Seed days	1	Rice Field day	12 .08.2018	Scientist of KVKs	30	
	1	Maize Field day	23 Sept, 2018	Scientist of KVKs	35	
	1	Wheat Field day	15 Jan., 2019	Govt. Seed Officers	40	
	1	Pigeonpea Field day	08 March, 2019	Seed Producers and progressive farmers.	42	
<b>AAU, Jorhat</b>						
Training	6	Seed production and storage of major field crops	On campus:		Practicing farmers belonging to diverse ethno-cultural groups including tribals and women farmers	191
			4-6 June 2018			
			7-9 June 2018			
			11-13 June 2018			
			14-16 June 2018			
			4-6 March 2019			
7-9 March 2019						
<b>BAU, Ranchi</b>						
Training	5	Training on "Seed Production Technology of pulses & oilseed crops undertaken by KVK Simdega.		ST Farmers	87 beneficiaries	



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

<b>RPCAU, Pusa</b>					
Training	1	Rice seed production techniques	12/10/2018	Farmers ,Scientists and Technical Staff	50
	1	Wheat seed production techniques	23/02/2019	Farmers ,Scientists and Technical Staff	56
<b>BCKVV, Nadia</b>					
<b>Training</b>	5	Organic Seed Production	21.01.19	Skilled Farmers	80
		Seed Production of Pulse Crops	26.01.19	Skilled Farmers	92
		Seed Production of Oilseed Crops	18.02.19	Farmers	83
		Advance techniques of seed production	27.02.19	Farmers	90
		Importance of Quality seed in Agriculture	02.03.19	Farmers	87
<b>Field Day/ Seed day</b>	1	Field demonstration	18.02.19	Farmers	100-110
	1	Demonstration and distribution of seed	18.02.19	Farmers	90-100
<b>UBKV, Pundibhari</b>					
Training					
	1	Rice seed production (Khoribari)	18.01.19	Farmers	55
	1	Maize & Potato Seed Production	22.01.19		56
	1	'Seed Production, Processing & Testing : Quality Assurance Paradigm' (Manikchak)	06.03.2019	Seed Growers	45
	1	Seed Production Technology of Vegetables & Field Crops (Majhian)	March, 2019		60
					M-52, F-08



				Practicing farmers, rural youths and farm women	SC-06, ST-09, OBC-06, Gen-39
	1	Farmers' Participatory Seed Production of rice (at Singhimari, Cooch Behar district)	04.05.2018	Farmers	50
	1	Farmers' Participatory Seed Production of rice (at Purba Barochowki, Alipurduar district)	28.04.2018	Farmers	50
	1	Farmers' Participatory Seed Production of rice- Nursery preparation (at Mahakal Hat, Cooch Behar district)	24.05.2018	Farmers	50
	1	Farmers' Participatory Seed Production of rice- Agronomic Principles (at Mahakal Hat, Cooch Behar district)	18.06.2018	Farmers	50
	1	Farmers' Participatory Seed Production of rice- Roguing and pest control (at Mahakal Hat, Cooch Behar district)	07.07.2018	Farmers	50
	1	Farmers' Participatory Seed Production of rice (at Pashim Barachowki, Alipurduar district)	05.05.2018	Farmers	50
	1	Establishment of Village Based Seed Enterprises (at Mahakal Hat, Cooch Behar district)	14.07.2018	Farmers	50



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

	1	Establishment of Village Based Seed Enterprises (at Pashim Barachowki, Alipurduar district)	26.08.2018	Farmers	50
	1	Farmers' Participatory Seed Production of rice- Genetic Principles (at Purba Barochowki, Alipurduar district)	01.09.2018	Farmers	50
	1	Farmers' Participatory Seed Production of mustard (at Singhimari, Cooch Behar district)	05.10.2018	Farmers	50
Field day / Seed days					
Field Visit & Group Meeting	2	Lentil Seed Production under Conservation Agriculture Technology	06.02.2019 & 21.02.2019	Farmers	130
<b>OUA&amp;T, Bhubaneshwar</b>					
Training	3	Seed Production Techniques in Pulses	Deogarh 28.01.19 Baragarh 29.01.19 Kalahandi 22.02.19	Farmers and seed growers of Pulses Seed Hubs	300
<b>MPUAT, Udaipur</b>					
Training	6	Seed Production Technology of Kharif and Rabi crops		Farmers	150



<b>SDAU, Saradarkrushinagar</b>					
Field day/ Seed days	1	Uttar Gujarat Na Mukhya Kheti Pako Ma Beej Utpadan”	30/01/2018	Mera Ganv Mera Gaurav	300
TSP		Demonstration			190 Tribal farmers
<b>AAU, Anand</b>					
Training	11	Quality Seed Production in Soybean & Pulse crops (At. Devgadh Baria, Dist. Dahod)	6/5/2018	Progressive farmers	35
		Quality Seed Production in Castor	2/14/2019	Progressive farmers	100
			June 12-15, 2018	Progressive farmers	30
			July 31- Aug. 3, 2018	Progressive farmers	29
			Aug. 7-10, 2018	Progressive farmers	25
			Sept. 10-13, 2018	Progressive farmers	43
		Quality Seed Production in important crops of Gujarat	Sept. 25-28, 2018	Progressive farmers	35
			Dec. 18-21, 2018	Progressive farmers	35
			Jan. 1-4, 2019	Progressive farmers	31
			Jan. 30- Feb. 2, 2019	Progressive farmers	17
			Feb. 12-15, 2019	Progressive farmers	32
<b>JAU, Junagarh</b>					
Training	1	Training on Seed Production Technologies through High tech Museum of Seed Production Technology	During 2018-19	49 different groups of farmers/students were trained through High tech Museum of Seed Production Technology	2230



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

Field day/ Seed days	1	Seed production in field crops	6/2/2019	Farmers	250
<b>NAU, Navsari</b>					
Training	7	On-Campus training on quality seed production pulses crop at Megaseed Project, NAU, Navsari	30/08/2018	Farmers (ST)	70
		On-Campus training on quality Seed production on pulses crops at Megaseed Project, NAU, Navsari	17/12/2018	Farmers(ST)	46
		Off-Campus training on quality Seed production of pulses crops at Nadagkhadi, Waghai, Dangs	21/12/2018	Farmers (ST)	80
		On-Campus training on quality seed production paddy and tuber crops at Megaseed Project, NAU, Navsari	4/1/2019	Farmers (ST)	105
		On-Campus training on quality seed production of pulses crops and its crop protection at Megaseed Project, NAU, Navsari	17/01/2019	Farmers (ST)	80
		On-Campus staff training on quality seed production on regional crops & planting materials at Megaseed Project, NAU, Navsari	5/2/2019	Farmers (ST)	50
		Off-Campus training on quality Seed production of regional crops at BAIF, Kaprada	7/3/2019	Farmers (ST)	122
Field day / Seed days/ Workshop	1	"Kathol Pak Parisamvad" and "Khedut Din" Jointly organised by Megaseed Project and College of Agriculture at COA, Bharuch			231



<b>IGKV, Raipur</b>					
Training	4	“Quality Seed Production and Marketing of Field Crops”	2/3/2019	Seed Personnel (Scientists/ SMS / FM) of Research & Inst. Farms of IGKV	40
		“Quality Seed Production and Marketing of Pulses, Oilseeds and Millets :A review of Kh 2018 and Rabi 2018-19”	19/03/19	Seed Personnel (Sr Scientists & Head/ I/c Seed Hub/ I/c Farms/ SMS) of all KVK Farms and Seed Hub on Pulses, Oilseeds and Millets	50
<b>JNKVV, Jabalpur</b>					
Training	1	Seed Production Rabi crops	18/02/2019	Programmer farmers	540
Field day/ Seed days	1	National Seed day and foundation day		Farmers/Scientist/Student/Entrepreneurs	2000
<b>VNMKV, Parbhani</b>					
Training	3	Kharif Seed Production	19.05.2018	Seed Growers	80
		Rabi Seed Production	03/10/2018	Seed Growers	70
		Rabi Seed Production	23/10/2018	Farmers	142
<b>PDKV, Akola</b>					
Training	1	Seed Production training to officials at CRS, Akola	14.02.2019	officials	50
	2	Seed production in Mung & Udid crops at ARS, Buldana	18.08.2018	Farmers	70





**ICAR Seed Project- "Seed Production in Agricultural Crops"**

		Seed production in Gram, ARS, Buldana	27.11.2018	Farmers	62
	1	Seed Production Techniques in Wheat crop at ARS, Washim	19.12.2019	Farmers	60
	1	Seed Production Techniques in Onion and Chickpea at ATS, Buldana	16.02.2019	Farmers	155
	1	Seed Production Technique in Gram at ARS, Yavatmal	05.03.2019	Farmers	40
	1	Seed Production Techniques in Paddy crop at Padegaon Tq Sindewahi	14.11.2018	Farmers	140
Field day/ Seed days	4	Kharif Seed Day at ARS, Sakoli	04.06.2018	Farmers	110
		Kharif Seed Day at ARS, Navegaon Bandh	04.06.2018	Farmers	77
		Kharif Seed Day at ARS, Sindewahi	05.06.2018	Farmers	151
		Kharif Seed Day at ARS, Washim	06.06.2018	Farmers	27
		Kharif Seed Day at ARS, Buldana	04.06.2018	Farmers	35
<b>KKV, Dapoli</b>					
HRD - Field Crops (Trainings)	5	Seed Production Technology and Grambijotpadan	12.02.2019	Farmers, Field Staff of University & Agril. Department	60
		Seed Production Technology and Grambijotpadan	21.02.2019	Farmers, Field Staff of University & Agril. Department	70



		Seed Production Technology of Rice and Groundnut	16.03.2019	Farmers, Field Staff of University & Agril. Department	60
		Seed Production Technology and Grambijotpadan	22.03.2019	Farmers, Field staff of University & Agril. Department	65
		Seed Production Technology and Grambijotpadan	25.03.2019	Farmers, Field Staff of University & Agril. Department	70
TSP Trainings	3	Grambijotpadan, Demonstration and Input Distribution	07.12.2018	Tribal Farmers	70
		Grambijotpadan, Demonstration and Input Distribution	20.12.2018	Tribal Farmers	70
		Grambijotpadan, Demonstration and Input Distribution	05.01.2019	Tribal Farmers	70
<b>UAS, Bangalore</b>					
<b>Training</b>	4	Advanced Seed Production Technologies in Pulses at NSP, GKVK, Bengaluru	23-25 <sup>th</sup> May 2018	Farmers	25
		Advanced Seed Production Technologies in Cereal crops at NSP, GKVK, Bengaluru	7-9 <sup>th</sup> June 2018	Farmers	29
		“Training-Cum-Distribution of Seeds” at Ganigamangala village, Kollegala taluk, Chamarajanagar district.	5 <sup>th</sup> July, 2018	Farmers	161



## ICAR Seed Project- “Seed Production in Agricultural Crops”

		Training-Cum-Distribution of Seeds & Other Agriculture Inputs” at Budipadaga Tribal Village, Chamarajanagar Taluk & District.	13 <sup>th</sup> July, 2018	Farmers	200
<b>Field day/ Seed day</b>	5	Field day on sunflower hybrids at Mulangichatlapalli, Bagepalli, taluk, Chikkaballapur.	26th February 2018	Farmers	100
		Field day-cum-training programme on “Improved seed production techniques in Redgram” at Jakkanahalli village, Nelamangala taluk, Bengaluru Rural district.	13 <sup>th</sup> December, 2018	Farmers	100
		Field day-cum-training programme on “Improved Seed Production Techniques in Bengalgram” at Beediganahalli village, Devanahlli taluk	3 <sup>rd</sup> January, 2019	Farmers	102
		Field day-cum-training programme on “Improved seed production techniques in soybean” at Udeva village, Tarikere taluk, Chikmagalur district	11 <sup>th</sup> January, 2019	Farmers	100



		Field day-cum-training programme on Improved seed production techniques in sunflower hybrid seed production at Mulangichetlapalli, Bagepalli taluk, Chikkaballapur District.	2 <sup>nd</sup> March, 2019	Farmers	200
<b>UAS, Dharwad</b>					
Training	7	Training programme on Greengram seed production	07.08.2018	Seed growers	48
		Training programme on Bengalgram seed production	02.02.2019	Farmers	52
		Training programme to tribal farmers under TSP	15.12.2018	Tribal farmers	50
		Seed production technologies in Groundnut	22.09.2018	Farmers	120
		Seed production technologies in Soybean	23.09.2018	Farmers	120
		Seed production technologies in Millet	24.09.2018	Farmers	135
		Seed production technologies in Vegetables	25.09.2018	Farmers	110
<b>PJ TSAU, Hyderabad</b>					
Trainings	3	Workshop on Optimization on seed packing sizes	22-09-2018	Seed growers of public and Private organization	75
		Refresher course on quality seed production technologies	01-03 November 2018	Seed certification officers of TSSOCA	20



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

		Agricultural Skill Council of India-Skill development programme	04-25 February 2019	Seed producing farmers	20
Field Day/ Seed Day	1	Seed production of redgram variety PRG 176	29.11.2018 and 01.12.2018	Seed producing farmers	200
<b>TNAU, Coimbatore</b>					
Tribal Sub Plan Programme	1	Training cum awareness programme on "seed production in millets, pulses and vegetable crops" for tribal farmers at Mavanathan Village, Thalavady, Erode District.	24.10.2019	Tribal farmers	102
ICAR-Winter School	1	New Vistas in Seed Production, Processing, Seed Enhancement and Marketing	14.11.2018 to 04.12.2018	Scientists	25
Tribal Sub Plan Programme	1	Distribution of seeds and farm implements to the tribal farmers of Palamalai village, Periyanaicken palayam, Coimbatore District.	28.02.2019	Tribal farmers	150
Workshop	1	Annual Seed Workshop	20.03.2019	Scientists, Stake holders and Farmers	50
Field day	1	Sensitizing the seed growers on groundnut new variety VRI 8 and Seed production techniques in groundnut	11.09.2018	Farmers	50
	1	Demonstration of seed production technology in green manure crops	14.09.2018	Farmers	50



<b>KAU, Thrissur</b>					
Training	4	Training on Quality Seed Production and Paddy Crop Management		Farmers, Officials of Agriculture Department, Farm staff and scientists	150
		Tribal Farmer training programme at Palliyara, Wayanad		Farmers, Tribal promoters and Agricultural Officials	50
		Tribal Farmer training programme	25/2/2019	Farmers, Tribal promoters, Agricultural Officials of Kuruva and Kaniampatta, Wayanad	75
Field day/ Seed days	2	Field Day on New Paddy varieties for Rabi season at Othaloor, Palakkad		Farmers, Officials of Agriculture Department, Farm staff and scientists	150
		Field Day on New Paddy varieties for Rabi season at Panjal, Thrissur	18/5/2017	Farmers , Agricultural Officials of Pattithara panchayath, Palakkad	50
<b>CAU, Imphal</b>					
Trainings cum interaction programme	4				223
Seed Day	1		06.12.2018		100
<b>IARI, New Delhi</b>					
IARI, Indore					
Training	8	Wheat and Wheat Seed Production Technology	02.09.2018	SRIJAN (NGO) Sagar M.P.	N.G.O. Field Staff



## ICAR Seed Project- "Seed Production in Agricultural Crops"

		Wheat and Wheat Seed Production Technology	14.09.2018	ATMA Ahmednagar (Maharashtra.)	Farmers
		Wheat and Wheat Seed Production Technology	29.09.2018	ATMA Indore (M.P.)	Farmers
		Wheat and Wheat Seed Production Technology	14.10.2018	IARI RS Indore At Jani, Indore	WFLD Farmers
		Wheat and Wheat Seed Production Technology	14.10.2018	IARI RS Indore At Jalod kew, Indore	WFLD Farmers
		Wheat and Wheat Seed Production Technology	16.10.2018	IARI RS Indore Under T.S.P at Rela, Jhabua	Tribal Farmers
		Wheat and Wheat Seed Production Technology	05.11.2018	KVK Indore	Agri Input Dealers
		Wheat and Wheat Seed Production Technology	08.02.2019	FTC Indore	Agri Input Dealers
Field day	1	Wheat Field Day (TSP)	16.02.2019	IARI RS Indore at Jhabua	Tribal Farmers
IARI, Karnal					
Training	1	Good agriculture practices for quality seed production	06-08 March 2019	Farmers	20
<b>IIWBR, Karnal</b>					
Training	1	Quality seed Production and Marketing	6-7 April, 2018	Seed Producers & farmers	20
Field day / Seed Day	3	Foundation cum field day	9 <sup>th</sup> February 2019	Farmers & Seed Producers	17
		Organized Beej Divas	15 October 2018	Farmers & Seed Producers	1200



		Organised Kisan Divas	23 <sup>rd</sup> Dec 2018 at Shekhpura Khalsa	Farmers	120
<b>VPKAS, Almora</b>					
Training	3	Parvatiy Fasalo ka Bijotpadan evam Krushigat Udyam	14-16 Feb. 2019	Famers	24
		Janjatiy Krushako ka Bijotpadan me Kaushal Vikas	19-21 Feb. 2019	Famers	34
		Parvatiy Fasalo ka Bijotpadan evam Krushigat Udyam	25 Feb. - 01 March 2019	Famers	47
Field Day/ Seed Day	1	Gehun Beejotpadan Fasal mein Kharpatwar Niyantaran	07.12.2018	Famers	29
<b>IIPR, Kanpur</b>					
Training	2	Farmers Participatory Seed Production Techniques in Pulses	13-12-2018	Farmers	100
		Farmers Participatory Seed Production Techniques in Rabi Pulses	17-2-2019	Farmers	150
Seed day	1		11/8/2018	Farmers	200
<b>CRIJAF, Barrackpore</b>					
Training					
At Bandwan, Purulia, WB	1	Frontline Demonstration of Seed Production Technology of Mesta	15.06.18	Farmers	60
Field day	1	Field day cum demonstration on seed production technique	20.11.18	Farmers	75
Seed Day at CSRSJAF, Budbud	1	Improved varieties of jute & allied fibre	16.03.19	Farmers	150
<b>NRRI, Cuttak</b>					





**ICAR Seed Project- "Seed Production in Agricultural Crops"**

Training	1	Awarness cum Training programme on "Quality Seed Production in Rice" at Baripada, Jagatsinghpur	22.01.2019	Farmers	70
	1	Awarness cum Training programme on "Quality Seed Production in Rice" at Baliana, Khordha	24.01.2019	Farmers	60
<b>IGFRI, Jhansi</b>					
Winter School on	1	Maintenance breeding and assured quality seed production in dual purpose crops and grasses	11 <sup>th</sup> Sep to 1 <sup>st</sup> October 2018	SAUs, ICAR Institutes, KVKs and State Universities	20
Three day Trainers Training	1	Forage Seed Production and Quality Control	25-27 <sup>th</sup> March, 2019	State Agril. & AH Dept, NGO, Forest Dept. officials	25
<b>DRMR, Bharatpur</b>					
Training	2	Rapeseed-Mustard Seed Production Technology	February 28 to March 01, 2019	Progressive Farmers	30
		Awareness cum tribal farmer's training programme on Mustard seed production technology at KVK, Dungarpur	14-Mar-19	Tribal farmers from Dungarpur District	20
Beej pakhwara	1	Awareness and How to enhance mustard production	September 15 to 30, 2018	Progressive farmers from different states	1000
<b>CAZRI, Jodhpur</b>					
Field day/ Seed days	1	<i>Beej Divas avm Krishak Vegyanic Sanvad</i>	16.02.19	Farmers	134



<b>CICR, Nagpur</b>					
Training	10	On various aspects of Seed production in cotton	18th May, 23 <sup>rd</sup> June, 4 <sup>th</sup> July, 13 <sup>th</sup> July, 18 <sup>th</sup> Aug., 7 <sup>th</sup> Sept., 6 <sup>th</sup> Dec., 10 <sup>th</sup> Jan., 16 <sup>th</sup> Jan., 7 <sup>th</sup> Feb.,	Tribal farmers	858
Field day/ Seed days	2	Field day in the Tribal farmer's seed Plot fields	18.8.18 6.12.18	Tribal Farmers	15
<b>IIR, Hyderabad</b>					
Training	9	Orientation Training on hybrid seed production of castor, IIR, Hyd	24-8-2018	Castor seed producing farmers and FPOs	30
		On-farm training on seed production, Palem, Nagarkurnool dist, TS	2/10/2017	Castor seed producing farmers and FPOs	30
		On-farm training on seed production, Cherukuru, Amangal, TS	29-11-2017	Castor seed producing farmers and FPOs	25
		Agril Skill Council of India training on Quality seed production - IIR collaboration	21-2-2019	Diploma agriculture, Intermediate and degree students	22
		Agril Skill Council of India training on Quality seed production - DAAT centre, PJTSAU collaboration	25-2-2019	Progressive and seed producing farmers	25
		Training on Seed Production Technologies in Castor, Sunflower, Safflower and Sesame	January 7-11, 2019	Scientists, Seed production and certification officers, KVKs	23
		Training to junior scientists of AICRP Castor	6/2/2018	Junior castor scientists in AICRP	8



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

		BMPs for increasing oilseeds production to input dealers of Wanaparthemandal, Telangna	15-2-2019	Input dealers - Seed, Agro-chemicals	35
		Training to junior scientists of AICRP Safflower	22-2-2019	Junior safflower scientist in AICRP	10
Field Day/ Seed Day	5	Seed Day at PJTSAU, Hyderabad	24-5-2018	Farmers, seed growers, State dept of agriculture, KVKS, etc.	150
		Seed Day at IIOR, Hyderabad	7/6/2018	Farmers from 4 districts of Telangana	45
		Castor field Day at Narkhoda, IIOR	28-10-2018	Farmers, seed growers, KVKS, ICAR institutes, State dept of agri personnel, etc.	200
		Niger Field day -TSP- at Araku, Vyzag, Andhra Pradesh	23-11-2018	Tribal farmers, farm women, KVKSs, NGOs, State dept of agriculture officials	250
		Oilseeds crop demonstrations including seed production - at IIOR, Hyderabad	15-11-2018 to 30-11-2018	Farmers, students, State dept of Agri, KVKS, ATMAS, from Telangana, Andhra Pradesh, Odisha, Maharashtra, Tamil Nadu, etc.	2500



<b>IIR, Hyderabad</b>					
Training	1	“Quality Seed Production”	25th Oct, 2018	Narayanpet, Mahaboobnagar	200
Seed Day	2	Seed & Farmers’ day	3rd Nov, 2018 & 17th Nov, 2018	IIR, Hyderabad & Kakinada, East Godavari dist Andhra Pradesh	1200
<b>IIR, Hyderabad</b>					
Trainings-MTC on Seed production, certification and marketing	1	MTC on Seed production, certification and marketing in millets	September 5-12, 2018	State seed certification officers	32
Field day & Seed day					
Sorghum field day	2	Sorghum field day	21/2/2019 & 26/2/2019	Farmers	50
<b>SBI, coimbatore</b>					
Training	2	Quality Seed Production in Sugarcane	March 6 & March 8, 2019	Seed Farmers & Extension personnel from Sugar factories	300
	1	Healthy Seed Production in Sugarcane at Subtropical region.	March, 2019	”	100
Seed Day	1	Seed Day 2019	2/27/2019	Sugarcane farmers of TN state	120
<b>IIR, Mau</b>					
	3		13.09.2018	Farmers	51



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

		Training on "Seed Production Techniques in rabi crops"	15.09.2018		36
			20.09.2018		64
	10	Training programmes on "Seed and Crop Production Techniques in rabi crops"	20.11.2018 to 30.11.2018 (10 days)	Training organized in FPSP villages	600
Field Days	1	Field Day (Rabi, 2017-18) and Farmers-Scientists Interface	17.03.2018	Farmers	125
	1	Field Day (Kharif, 2018)	20.06.2018	Farmers	73
<b>IIMR, Ludhiana</b>					
Training	1	Farmer training cum Awareness Day on Fall Armyworm in maize seed production	22-01-2019	Farmers	101
	1	Maize hybrid technology and its seed production	22-11-2018	Farmers	80
	1	Maize hybrid technology and its seed production	15-02-2019	Farmers	140
Field day/ Seed days	1	Maize hybrid technology, seed production and management of FAW in maize	16-03-2019	Farmers	200
<b>CCARI, Goa</b>					
Training	2	Training programme on use of quality seed for enhancing the yield of rice at Yeda wada, cotigao village, South Goa	16/06/2018	Farmers, Officials from department of agriculture, ATMA staff	60



		Training-cum-awareness programme on new high yielding salt tolerant rice varieties for the farmers of coastal area in Karwar	7/10/2018	Farmers, Officials from department of agriculture, member of NGO	80
Field Day	2	Field day on salt tolerant rice varieties Goa dhan-1 and Goa dhan-2 at St etavam village, North Goa, Goa	10/10/2018	Farmers, Officials from department of agriculture, ATMA staff	40
		Field day on Salt tolerant rice varieties Goa dhan-1 and Goa dhan-2 at ulga village, Karwar, Karnataka	7/10/2018		80
<b>CIARI, Port Blair</b>					
Training	1	Training-cum-awareness on Importance of quality seed in agriculture	27 <sup>th</sup> July, 2018	Farmers of North and Middle Andaman	34 (25 male & 9 female)
	2	Training-cum-awareness on farmers participatory seed production in pulses	25 <sup>th</sup> October, 2018	Farmers of North and Middle Andaman	43 (36 male & 7 female)
Seed days	1	Technology application of promising High Yielding Varieties of Rice	6 <sup>th</sup> June, 2018	Farmers, KVK Officials, Extension workers of North and Middle Andaman	132 (119 male & 13 female)
	2	Technology application of promising High Yielding Varieties of Rice	7 <sup>th</sup> June, 2018	Farmers, KVK Officials, Extension workers of South and Middle Andaman	33 (10 male & 23 female)



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

	3	Technology application of promising High Yielding Varieties of Rice	30 <sup>th</sup> June, 2018	Farmers, KVK Officials, of South Andaman	32 (26 male & 6 female)
	4	Promoting high yielding varieties of pulses at North & Middle Andaman through FLD	10 <sup>th</sup> January, 2019	Farmers, of Middle Andaman	62 (40 male & 22 female)
Field day	1	High yielding varieties of rice	26 <sup>th</sup> October, 2018	Farmers of North and Middle Andaman	19 (10 male & 9 female)
<b>VSI, Pune</b>					
Training	2	OosShetiDnyanlaxmi	26-30, June 2018	Women farmers	176
			13-17, November 2018	Women farmers	91
	6	OosShetiDnyanyag	03 to 07 July 2018	farmers	250
			10 to 14 July 2018	farmers	246
			12 to 17 July 2018	farmers	252
			27-01, Nov.-Dec.2018	farmers	266
			04 to 08 Dec. 2018	farmers	246
			11 to 15 Dec. 2018	farmers	158
		01 to 02 Jan. 2019	farmers	166	
Field day/ Seed days	1	National Seed day	1.10.2018	Cane development officers/staff of sugar mills	168
<b>UAS, Raichur</b>					
Training Programme	8	Seed growers interactive meeting/training programme on quality seed production	11 <sup>th</sup> July 2018	Seed Growers, farmers	25
		Seed growers interactive meeting/training programme on quality seed production a	12 <sup>th</sup> July 2018	Seed Growers, farmers	25



		Seed growers interactive meeting/training programme on quality seed production	20 <sup>th</sup> July 2018	Seed Growers, farmers	20
National Training Programme		Skill development for seed entrepreneurship'	4-8 <sup>th</sup> September	Seed Production Specialists, Assistant Professor, Scientists, Seed Growers, Seed Producers	26
Training programme under Seed village programme		Quality seed production	4 <sup>th</sup> October 2018	Farmers	40
Training programme under Tribal Sub-plan		Quality seed production and integrated approaches for enhancing seed yield to famers	15 <sup>th</sup> October 2018	Farmers	36
Technical orientation programme		Technical orientation programme on seeds and other aspects	29 <sup>th</sup> December 2018	Dept. of Agriculture officials	25
National Workshop		Strengthening Seed Production and Distribution System for Enhancing Availability of Quality Seeds	15-16 <sup>th</sup> February 2019	Seed stake holders	83
Field day/ Seed days	4	Kharif Seed day 2018 at Seed Unit, UAS, Raichur	26 <sup>th</sup> May 2017	Seed growers, farmers	315
		Rabi Seed day 2018 at Seed Unit, UAS, Raichur	25 <sup>th</sup> September 2018	Seed growers, farmers	295
		Field day on chickpea varieties	28 <sup>th</sup> February 2019	Seed growers, farmers	50
		Field day on chickpea seed production	1 <sup>st</sup> March 2019	Seed growers, farmers	35





**ICAR Seed Project- "Seed Production in Agricultural Crops"**

<b>RVSKVV, Gwalior</b>					
Field day/ Seed days	1	Field visits	18 / 02/ 2019	RAWE students and farmers visit at seed production demonstration at Sirsod Farm	72
	2	do	21& 22.2.2019	Alumni of RVSKVV include private seed grower, scientist visited at breeder seed production field of wheat and gram	102
	3	do	3 March, 2019	Delegates of national seminar on strategies for soil health management March 2-3. 2019	69
<b>PAJANCOA&amp; RI, Karaikal</b>					
Group Meeting	1	Organized the Joint Annual Group Meeting of National Seed Project and ICAR Seed Project of ICAR during 9-11 May, 2018 at PAJANCOA & RI, Karaikal	09.05.2018 to 11.05.2018	Nodal Officers / Scientists	150



Training	8	Distribution of Implements and training to the Tribal Farmers under Tribal sub plan	09.03.2019	Tribal farmers of Mattapparai and Turur villages of Vellimalai Block, Kalrayan Hills, Villupuram dist.	132
		NSRTC sponsored Training on quality seed production in Oilseeds and Pulses	07.01.2019 to 11.01.2019	Assistant Professors, Agricultural Officers, Seed certification Officers, Field officers from Seed corporations and Private seed industry	25
		Quality seed production in Vegetable crops to the Rural Women of Puducherry district	28.11.2018	Rural Women of Puducherry district	30
		Distribution of Inputs to the Tribal Farmers and training to the Tribal Farmers of Mattapparai village, Kalrayan Hills under Tribal sub plan	30.10.2018	Tribal farmers of Mattapparai and Turur villages of Kalrayan Hills, Vellimalai Block, Villupuram dist.	97
		Seed distribution and training on Vegetable seed production	12.09.2018	Farmers of Puducherry dist.	20
		Seed distribution and training on Vegetable seed production	31.08.2018	Farmers of Thirunallar commune of Karaikal dist.	16
		Seed distribution and training on Vegetable seed production	11.07.2018	Farmers of Kottucherry commune of Karaikal dist.	10



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

		NABARD sponsored one day training on Seed production in traditional paddy varieties	24.04.2018	Farmers of Nagapattinam dist. of Tamil Nadu	31
<b>UAHS, Shivamogga</b>					
ZAHRS, Mudigere	1	Integrated Farming systems and Mechanization in paddy	30-11-2018	Farmers, Urban families, input suppliers and industrialists	4000
AHRS, Ponnampet	1	Field Day on climate resilient and sustainable agriculture systems	19 and 20th November 2018	Farmers, Urban families, input suppliers and industrialists	2000
ZAHRS, Bramhavar	1	Field day on rice	30-10-2018	Farmers, Urban families, input suppliers and industrialists	4500
<b>ICAR-RC, NEH Region, Manipur</b>					
Field day/ Seed days	4				6500
Manipur					
Training	1	National training on seed advancement in seed testing for north eastern hill region	3-7 Dec., 2018	Extension officer, FC, NGOs & KVKs	60
	1	Seed production of kharif rice under ICAR Seed Project	25 <sup>th</sup> May, 2018	Farmers	40
	1	Package of practices for rice seed production	14 <sup>th</sup> June, 2018	Farmers	15



	1	Quality seed production of kharif rice under ICAR Seed project	25 <sup>th</sup> Feb, 2019	Farmers	50
	1	Quality seed production of pre kharif rice under ICAR Seed project	2 <sup>nd</sup> March, 2019	Farmers	15
	1	Participatory seed production of kharif cereal and oilseeds	8 <sup>th</sup> June 2018	Farmers	50
	1	Quality seed production of kharif cereals and oilseeds under ICAR Seed project	20 <sup>th</sup> April, 2018	Farmers	30
	1	Awareness programme on quality seed production on kharif rice	30 <sup>th</sup> May, 2018	Farmers	63
	1	Awareness programme on Participatory seed production on kharif cereals and oilseed	22 <sup>nd</sup> June 2018	Farmers	28
	26	Quality organic seed production on Rice, Maize, Urdbean, Soybean, Rajmash	April 2018 to March, 2019	Farmers and Extension functionaries	586
	1	Participatory lowland rice production in Mizoram	22 <sup>nd</sup> September, 2018	Farmers	80
Field day	1	Field day on Groundnut	06.10.2018	Seed grower	50
	1	Field day on Rice	06.10.2018	Seed grower	50
	1	Seed day on Rice	19.10.2018	Seed grower	50
	1	Field day on Maize	09.07.2018	Seed grower	16
	1	Field day on Groundnut	30.10.2018	Seed grower	20
Field day/ Seed days	2	Field day on Rajmash and Maize	June, 2018 and	Farmers and Extension functionaries	57
			Dec, 2018		



**Exhibitions/ Kisan Mela/ Kisan Goshti:**

S. No.	Exhibitions/ Kisan Mela/ Kisan Goshti	No.	Date	Kind of Stakeholders	No. of Beneficiaries
<b>1</b>	<b>SKUAS &amp; T, Sringer</b>				
	Awareness programme / Exhibition (MFCRC Khudwani)	1	13-Nov-18	Farmers, Officials	150
	Exhibition cum Seed Mela (Shalimar SKUAST K)	1	11 -12 March 2018	Farmers, Scientists, Students	More than 3000
<b>2</b>	<b>PAU, Ludhiana</b>				
	Kisan Melas	14	11, 14, 17, 20 -22. and 26 Sept. 2018; 1, 6, 8, 15-16 and 19 March 2019	Farmers and Farm Women	30000 during kharif season and 50000 during rabi season
<b>3</b>	<b>CCSHAU, Hisar</b>				
	Kisan Mela	2	4-5, October, 2018 & 12-13, March, 2019	Farmers	55000
<b>4</b>	<b>SBPUA&amp;T, Merrut</b>				
	Kisan Mela: SVPUA&T, Meerut	1	12-14 October, 2018	Farmers	12630
	Kisan Mela: Zonal research station/KVK, Nagina	1	24 September, 2018	Farmers	872
	Kisan mela & Kisan ghosti at CPRI campus, Modipuram, Meerut	1	15-17 February, 2019	Farmers	2300



<b>5</b>	<b>NDUA&amp;T, Faizabad</b>				
		1	Dec.6-7, 2018	Govt. officials, seed growers, progressive farmers, NGO, farmers women, etc.	More than 2000
<b>6</b>	<b>CSAUA&amp;T, Kanpur</b>				
	Kisan Mela	1	30.10.2018 to 16.10.2018	Farmers, Seed Producers, Seed Companies etc.	5000
<b>7</b>	<b>BHU, Varanasi</b>				
	Kisan Goshti	1	05 August, 2018 at BHU	Progressive Farmers	230
<b>8</b>	<b>BAU, Ranchi</b>				
	Kisan Mela	1	2-4 Feb. 2019	Farmers	1200
<b>9</b>	<b>RPCAU, Pusa</b>				
	Kisan Mela, Pusa	1	25.09.2018 Piprakothe, Motihari, Bihar	Farmers	
			03.02.2019 Jiradai, Chapra, Bihar	Farmers	
			09 -11/02/2019 Jandhimaidan, Motihari, Bihar	Farmers	
<b>10</b>	<b>BCKVV, Mohanpur, Nadia</b>				
	Kisan Mela	1	09-11 Jan. 2019	Farmers & Villagers	1200-1500
	Exhibition	1	28 Jan, 2019	Farmers & Villagers	1200-1300
<b>11</b>	<b>UBKV, Pundibhari</b>				
	Zill Krishi Mela	1	07.02.2019	Farmers & Seed Growers	500



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<b>12</b>	<b>AAU, Anand</b>				
	Kisan Kalyan Mahotsav 2018*	1	2, May 2018	Farmers of all nine districts of AAU jurisdiction	2,000 +
<b>13</b>	<b>IGKV, Raipur</b>				
	Krishak Sangoshthi Evam Kisan Mela	1	3/3/2019	Famers of North Hill Zone of Chhattisgarh	502
<b>14</b>	<b>JNKVV, Jabalpur</b>				
	Seed exhibition	1	10/10/2018	Farmers/Scientist/Students	3500
<b>15</b>	<b>VNMKV, Parbhani</b>				
	Kharif Mela	3	18/05/2918	Male & Female Farmers	3700
	Rabi Mela		17/09/2018	Male & Female Farmers	2200
	Mahila (Ladies) mela		3/1/2019	Female Farmers	1200
<b>16</b>	<b>MPKV, Rahuri</b>				
	Agril Exhibition	1	2/1/2019	Agril Department officers, Farmers, SCA officers	2726
<b>17</b>	<b>PDKV, Akola</b>				
	Premansoon Kharif Melawa	1	25.05.2018	Farmers	550
	Kharif Shivar Pheri	1	19 to 21.10.2018	Farmers	2500
	AgroTech 2018	1	27 to 31.12.2018	Farmers	250000



<b>18</b>	<b>KKV, Dapoli</b>				
	Kisan Goshti, Scientist and Progressive Farmers meet and seeds/varieties exhibition	1	14.08.2018	Scientists from SAU's, Private Seed Companies and Progressive Farmers in the Region	70
	Kisan Mela and Exhibition of seeds and varieties	1	27.08.2018	Farmers & Agricultural Department Staff	377
	Kisan Mela and Exhibition of seeds and varieties	1	09.10.2018	Farmers & Agricultural Department Staff	411
<b>19</b>	<b>UAS, Dharwad</b>				
	Beeja mela -2018	2	22-09-2018	Farmers	10000
	Krishi mela -2018		23-09-2018 to 25-09-2018	Farmers	1000000
<b>20</b>	<b>PJTSAU, Hyderabad</b>				
	Seed Mela 2018	1	24.05.2018	Farmers	2000
<b>21</b>	<b>TNAU, Coimbatore</b>				
	Agri Intex	1	13.07.2018 to 16.07.2018	Stake holders & Farmers	1500
<b>22</b>	<b>KAU, Thrissur</b>				
	Kaineetam-Pythrika Vithu mela	1	7/3/2019	Public, Farmers, Agriculture officials, Farm staff, Scientists	750
<b>23</b>	<b>IARI, New Delhi</b>				
	Kisan Mela	1	23.02.2019	IARI RS Indore at Kusmania, Dewas, M.P.	~ 400 Farmers





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	Exhibition	1	26-28 April 2018	CII and Dept. of Agri. MP, COA Indore	~160 Farmers
<b>24</b>	<b>IIWBR, Karnal</b>				
	Krishi mela	1	15 Oct. 2018	Farmers & Seed Producers	1200
<b>25</b>	<b>VPKAS, Almora</b>				
	Krishi mela	2	27/09/2018 (Institute Kisan Mela)	Famers	448
			24/02/2019 (Institute Kisan Mela)	Famers	500
	Kishan Gosti	3	27/10/2018 Genhun va Masoor ki Unnat Utpadan Takniki avam Beejotpadan	Famers	28
			29/11/2018 Gehun Beejotpadan Fasal mein Kharpatvar Niyantaran	Famers	31
			6/2/2019 Genhun va Masoor Fasal me Rog Niyantaran	Famers	36
<b>26</b>	<b>CRIJAF, Barrackpore</b>				
	Kisan Mela at Ramie Research Station, Sorbhog	1	15.10.2018	Farmers	50
<b>27</b>	<b>IGFRI, Jhansi</b>				
	Farm Machinery Demonstration and Technology Meet	1	25 <sup>th</sup> Feb 2019	KVKs, ICAR Institutes, Farmers, NGOs	250
<b>28</b>	<b>DGR, Junagadh</b>				
	Groundnut kisan mela	1	24.02.2019	Groundnut farmers	250



<b>29</b>	<b>CICR, Nagpur</b>				
	Kapas Mela	1	30.10.18	Farmers, seed companies, State Agr. officials etc.	2000
<b>30</b>	<b>IIOR, Hyderabad</b>				
	Castor Field Day	1	Oct., 2018	Farmers, KVK officials, ATARI, CRIDA, State Agriculture Department, Scientists, etc	150
	Oilseeds Demonstrations – open days	13	Oct 15 to 30 2018	Farmers, KVKs, ATMA, State Agriculture Department of Telangana, Andhra Pradesh, Tamil Nadu, Maharashtra, Punjab, Odisha, students, scientists	2200
<b>31</b>	<b>IISS, Mau</b>				
	Kisan Goshti and telecasting programme of Hon'ble Prime Ministers interaction with farmers	1	20.06.2018	Farmers	125
	Farmers-scientist interaction programme	1	02.11.2017	Farmers	40
	Kiasn Mela	1	22.02.2019	Farmers	250



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<b>32</b>	<b>VSI, Pune</b>				
	Exhibitions	1	15.12.2018	Cane grower farmers & mills officers	1190
<b>33</b>	<b>UAS, Raichur</b>				
	Exhibition during <i>Kharif</i> Seed day 2018 at Seed Unit, UAS, Raichur	1	26 <sup>th</sup> May 2017	Seed growers, farmers	315
	Exhibition during <i>Rabi</i> Seed day 2018 at Seed Unit, UAS, Raichur	1	25 <sup>th</sup> September 2018	Seed growers, farmers	295
<b>34</b>	<b>UASH, Shivamogga</b>				
	Krushimela	1	12,13,14&15 Oct 2018	Farmers, Urban families, input suppliers and industrialists	90000
<b>35</b>	<b>ICAR-RC, NEH Region, Manipur</b>				
	District level Agri Fair, Malom	1	31.08.2018	Farmers	20
	Farmers' Fair at Iboyaima Sanglen	1	18.02.2019	Farmers and Extension officials	400
	Regional agri fair at CAU	1	11-13.12.2018	Farmers and Extension officials	60
	District Kisan Mela	1	19.02.2019	Farmers, SHGs, State officers	172
	Krishi Unnati Mela	1	18-19.01.2019	Farmers	2000
<b>36</b>	<b>ANGRAU, Guntur</b>				
	Kisan Mela	1	27.2.2019	Farmers	230



## Publication:

S. No.	Publication	No.	Year	Title	Author	Journal/ Seminar/ Symposium
1	SKUAS & T, Sringar					
	Research Paper	1	2018	Seed germination studies of <i>Saussurea costus</i> Clarke, a step towards conservation of a critically endangered medicinal plant species of north Western Himalaya.	Haleema Bano, Javeed I. A. Bhat, M. A. A. Siddique, Faisal Noor, M. Ashraf Bhat and Shakeel A. Mir	<i>Plant Archives</i> 18 (1). 963-68.
		1	2019	Doubling the income of resource poor farmers through intervention of quality seed (Shalimar Beej) under temperate rice ecologies	M. Illyas Bhat., Gowhar Ali., Aflaq Hamid., M Ashraf Bhat and Z.A. Dar	<i>XIV Agricultural Science Congress. 20-23 Feb, 2019 NASC, Pusa New Delhi Abstract no:559</i>
	Leaf lets / Pamphlet / Poster / any other	1	2018	Dan Ki Kasht	M.I.Bhat, Z.A. Bhat, Gowhar Ali, Mir G. Hassan.	University publication
			2018	Maki Ki Kasht	M.I.Bhat, Z.A. Bhat, Gowhar Ali, Mir G. Hassan.	University publication
	Manual	1		Seed Manual "Special reference to description of varieties released by SKUAST Kashmir	M.I.Bhat, G. Ali Mir, Z.A. Bhat	University publication



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<b>2</b>	<b>SKUAS&amp;T, Jammu</b>					
	Article	1	2018	Quality seed and material production by mega seed project, Chatha: the socio-economic conditions of farmers of Jammu region.		
<b>3</b>	<b>CSKHPKV, Palampur</b>					
	Research Paper	1	2018	Effect of coating on seed quality of quality protein maize hybrid and storability under hill conditions	Sharma Jyoti, KC Dhiman, JK Sharma, RK Kapila and Ramesh Kumar	Seed Research Vol. 45(2): 147-155.
	Papers presented in conferences	3	2019	Effect of seed coating on seed quality and storability of radish seeds	KotiaKajal, DhimanKC, Sharma JK and Kapila RK	Published in ISST National Seminar organized by ICAR-Research Complex for NEH Region, Imphal, India w.e.f. 03.02.2019 to 05.02.2019
			2019	Effect of seed coating on quality of okra seeds in storage	PariharPratibha, DhimanKC, Kapila RK and Sharma JK	-do-



			2018	Assessment of Karnal Bunt ( <i>Tilletia indica</i> ) Infection in Farmer's own Saved Seed Samples and its Implications in Seed Health	Katoch S, Dhiman S and Sharma PN	Presented in National Symposium entitled organized by Indian Phytopathological Society, New Delhi at DrYS Parmar Univ. of Hort. & Forestry, Solan w.e.f. Nov 2-3, 2018.
	Pamphlet	1	2018	Gehunbeejutpaadankevaigyanikpehlu (In Hindi)	Rana, V, Upmanyu Sachin, Kumar S, Basandrai D, Kapila RK, Srivastava A, Mankotia B & Pandey DP	CSKHPKV Publication
<b>4</b>	<b>PAU, Ludhiana</b>					
	Popular Articles	2	2018	September 2018 dey kisan melian dauran beejan di vikri.	Tarsem Singh Dhillon	Changi Kheti <b>54</b> (09): pp 28
			2019	Quality seed availability at PAU <i>Kisan Melas</i> of March 2019	Tarsem Singh Dhillon and Tarvinder Pal Singh	Progressive Farming <b>55</b> (03): pp 30-31
<b>5</b>	<b>CCSHAU, Hisar</b>					
	Research Paper	1	2018	Effect of seed invigorations on seed quality and storability on sorghum ( <i>Sorghum bicolor</i> (L.) Moench) seeds.	Bhuker, A., Jakhar, S.S., Kumar, A. and Sangwan, V.P.S.	Bhartiya Krishi Anusandhan Patrika. <b>33</b> (1 & 2):7-10.
	Popular Article	1	2018	Complete competitive Solution for Seed Technology.	Bhuker A., Mor V.S. and Jakhar S.S.	Kalyani Publishers. ISBN No. 9789327286748



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<b>6</b>	<b>SBPUA&amp;T, Merrut</b>					
	Popular Article	4	2018-19	उर्द की वैज्ञानिक खेती	Dr. R.B. Yadav & Dr. S.K. Lodhi	
				गेहूँ उत्पादन तकनीकी	Dr. R.B. Yadav & Dr. S.K. Lodhi	
				बीज/अनाज को सुरक्षित रखने की वैज्ञानिक विधियाँ	Dr. R.B. Yadav & Dr. S.K. Lodhi	
				बासमती धान उत्पादन तकनीकी	Dr. R.B. Yadav & Dr. S.K. Lodhi	
	Leaf lets / Pamphlet /Poster / any other	2	2018-19	गेहूँ का बीजोत्पादन	Dr. R.B. Yadav & Dr. S.K. Lodhi	
				बासमती धान का बीजोत्पादन	Dr. R.B. Yadav & Dr. S.K. Lodhi	
<b>7</b>	<b>NDUA&amp;T, Faizabad</b>					
	Research Paper	1	2018	Standardization of biofortification for enhance seed yield and its quality parameters in chickpea ( <i>Cicer arietinum</i> )	Sarvjeet, Vimal, S.C. and Kumar, Anurag	Journal of Pharmacognosy and Phytochemistry, 7(2):1883-1887.
		1	2018	Optimization of doses of Zn, Feand Mn in different combinations and its effect on yield contributing characters, seed recovery and quality in rice ( <i>Oryza sativa</i> L.)	Gupta, J.P.; Vimal, S.C.; Kumar, A.; Kushwaha, G.D. and Srivastava, J.P.	The Pharma Innovavation, 7 (3):35-40.
		1	2018	Standardization of seed treatments for improving germination, crop establishment and seed yield of lentil under rice utera condition.	Yadav, R.D.S.	J. Food Legume 3(2):84-87.



8	CSAUA&T, Kanpur					
	Research Paper/Abstract	4	2018	Correlatiion analysis of seed yield and quality parameters in rice germplasm	Singh, Rishabh Kumar; Maurya, C. L.; Amir, Mohd. & Kumar Manish	2nd National Conference on doubling farmers income for sustainable and hormoneous agriculture, DISHA 2018, 11-12 August 2018
				Influence of packaging materials and plant products on longevity of pegion pea seeds under ambient storage conditions.	Priyanka Rashmi, Maurya, C. L.; Singh, Pratiksha; Kuamr, Sandeep & Singh, Deveendra Kumar	ISST National Seminar 3-5 Feb 2019 RIMS, Imphal
				Effect of kinetin under salt stress on the physiochemical characteristics of <i>Cajanus cajan</i> L.	Singh, Pratiksha; Maurya, C. L.; Singh, Anju; & Priyanka, Rashmi	ISST National Seminar
				Effect of zinc application on seed quality of wheat seeds.	Singh, Deveendra Kumar, Maurya, C. L.; Srivastava Meera & Rashmi Priyanka	ISST National Seminar 2019
	Popular Article	2	2017-18	बीज प्रभंजन और सरसों का अधिक उत्पादन	शर्मा, सागर कुमार; सचान, सी०पी०; मौर्य, सी०एल०; गंगवार, सी०बी० सिंह,कटियार, आर०ए० एवं कटियार, पी०के०	कृषि गोल्ड लाइन पत्रिका 2018
				प्रधानमंत्री फसल बीमा योजना	ऋषभ कुमार सिंह एवं मौर्य, सी०एल०	कृषक भारती रबी विशेषांक 2018





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<b>9</b>	<b>BHU, Varanasi</b>					
	Research Paper					
		1	2018	No yield penalty under favorable conditions paving the way for successful adoption of flood tolerant rice	Dar, M. H., Zaidi, N. W., Waza, S. A., Verulkar, S. B., Ahmed, T., Singh, P. K., & Iftekharruddaula, K. M.	Scientific reports 8(1), 9245
	Technical Bulletin	1	2018	Quality Seed Production of Rice	Singh P. K., Bisen Prashant, Singh U.S.	Banaras Hindu University & IRRI, New Delhi 1:1-61
<b>10</b>	<b>BAU, Ranchi</b>					
	Research Paper	1	2018	Channelizing protected farmer's varieties through semi-formal seed systems for effective utilization and conservation of agro-biodiversity: An Overview.	R.P. Singh, S. Singh and S.K. Lal	Seed Research, 46(2): 87-97.
	Invited paper by Indian Seed industry Journal (National Seed Association of India)	1	2018	Integration and commercialization of local varieties under sub-optimal environments for food security, promoting sustainable agriculture and agro-biodiversity conservation.	R.P. Singh	MOJ Eco Environ Sci 3(2):65-67.
		1	2018	Improving efficiency of seed system by appropriating farmer's rights in India through adoption and implementation of policy of quality declared seed schemes in parallel.	R.P. Singh and R.C. Agrawal	MOJ Eco Environ Sci 3(6): 387-391.



	Technical bulletin	1	2018	बीजोत्पादन से संबंधित प्रायः पूछे जाने वाले प्रश्नोत्तरए	R.P. Singh and S. Singh	BAU Ranchi, Bulletin No. DSF/01/2018 pp. 22.
<b>11</b>	<b>BCKVV, Nadia</b>					
	Seminar	2	Dec. 07-09, 2 018	Seedling Quality Enhancement Through Seed Priming In Wheat ( <i>Triticum Aestivum</i> L.)	P. Chakraborti, and A. Rakshit	International Conference on Livelihood Sundarbans at Eco Tourism Hub, Techno India Univ., Sundarbans, West Bengal.
			Feb. 03-05, 2019	Modification of qualitative traits in seed maturity of Oat ( <i>Avena sativa</i> ) through application of hormones	P. Chakraborti	National Seed Seminar at ICAR- Res. Complex, NEH Region, Imphal, Manipur.
	Research Paper	2	2018	Effect of agronomic techniques on Lentil seed production	S.K. Kaushik and P. Chakraborti	J. of Pharmacology and Phytochemistry, SP2:119-122
			2019	Assessment of seed deterioration in varied storage environments through seedling root potentiality of Lentil seed	S.K. Kaushik and P. Chakraborti	J. of Pharmacology and Phytochemistry, 7(4):3177-3179
	Popular Article			Role of Mega Seed Project Quality Seed Production		Krishi bidhan
	Leaf lets / Pamphlet /Poster / any other	1	2018	Seed production procedure of oilseed	BCKV	



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<b>12</b>	<b>OUA&amp;T, Bhubaneshwar</b>					
	Popular Article	1	2018	Seed priming for improving quality and performance of partially-deteriorated groundnut seeds.	Das, S. and Mohanty, S. 2018.	Journal of Pharmacognosy and Phytochemistry, 7(5): 3083-3088.
		1	2018	Seed health status of farmers' saved maize seeds of Odisha.	Das Mohapatra, P., Priyadarsini, A. and Lakra, P.B. 2018.	Poster presentation in 5th National Symposium organized by Society for Plant Protection and Environment, Dept. of Entomology, CA held at OUAT, Bhubaneswar from 27-28 October' 2018. pp.158.
	Technical bulletin					
		1	2019	Mitigation of high temperature stress in rice through foliar spray of chemicals and its influence on seed set, yield and quality	Das, S. and Mohanty, S. 2019.	Poster presentation in the National Seminar on <i>Recent Advances in Plant Sciences : Strategies and Applications</i> , held at Ravenshaw University, Cuttack on 23 February 2019. p. 25.



13	<b>JAU, Junagarh</b>					
		1	2018	Effect of seed priming on physiological changes associated with seed deterioration during storage periods in soybean ( <i>Glycine max</i> L. Merill.).	Ansodariya, S. N.; Babariya C. A.; Kanani, D. K. and Hadavan, J. K.	International journal Chemical Studies, 6(3): 3174-3182
		1	2018	Influence of seed priming on field performance in Soybean ( <i>Glycine max</i> L. Merill.).	Ansodariya, S. N.; Babariya, C. A.; Bhoot, H. V. and Savaliya, D. V.	AGRES – An International e. Journal, 7(3): 343-348
	Book.	1	2018	Seed Technology: Progress and Recent Advances.	J. B. Patel and M. A. Vaddoria.	New India Publishing Agency, New Delhi (ISBN: 978-93-87973-23-7)
	Thesis	1	2018	Effect of bulb size and spacing on quality seed production of onion.	Aarti Ginoya and J. B. Patel.	LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany (ISBN: 978-613-9-85537-7).
14	<b>IGKV, Raipur</b>					
	Leaf lets / Pamphlet /Poster / any other	1	2018	प्रमुख रबी फसलों का बीज उत्पादन	डॉ. एन.के. रस्तोगी, डॉ एस.एस. सेंगर एवं डॉ. दीपक गौरहा	IGKV Publication
		1	2018	बीज प्रमाणीकरण का महत्व	डॉ. एन.के. रस्तोगी, डॉ. दीपक गौरहा, राकेश कुमार धनवानी एवं विकास कुमार	IGKV Publication
		1	2018	Seed Production Technology of Linseed	Dr. N.K. Rastogi, Dr. Deepak Gauraha, Dr. S.S. Sengar, Rakesh	IGKV Publication



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					Dhanwani and Shaivalini Chauhan	
		1	2018	Seed Production Technology of Chickpea	Dr. N.K. Rastogi, Dr. Deepak Gauraha, Dr. S.S. Sengar, Rakesh Dhanwani and Shaivalini Chauhan	IGKV Publication
<b>15</b>	<b>MPKV, Rahuri</b>					
	Research Paper	2		Determination of Seed Longevity in Soybean ( <i>Glycine max L.</i> )	Dr. K.C.Gagare, Dr. V. R. Shelar and Shri. A.P.Karjule	Progressive Res. : An Int. J.
				Seed Quality and Yield Improvement by Pre-sowing Seed Priming Treatments in Kabuli Chickpea	R. S. Shaikh, V. R. Shelar and M. B. Dhonde	Progressive Res. : An Int. J.
<b>16</b>	<b>PDKV, Akola</b>					
	Technical Article	1	2018	Role of Quality Seed in Doubling the Farmers' Income in Vidarbha Region of Maharashtra	D.T. Deshmukh, J.P. Khatod, A.M. Dange, V.K. Kharche	XVII Vasantao Naik Memorial National Seminar on "Potential, Prospects & Strategies for Doubling Farmers' Income" held at Dr.PDKV, Akola
<b>17</b>	<b>UAS, Bangalore</b>					
	<b>Research Paper</b>					
		1	2018	Influence of various seed amelioration techniques on physio-biochemical changes during seed deterioration in aged seeds of	Shruthi, K., Siddaraju, R., Devaraju, P. J., Nethra, N.,	International Journal of Current Microbiology and Apply Sciences, 7(9):406-413.



				soybean ( <i>Glycine max</i> L. Merrill) mini core set.	Jayaramegowda and Nanjareddy, Y. A.	
		1	2018	Standardization of nano particles for enhancing groundnut seed quality Cv. ICGV-91114.	Harish, M. S., Rame Gowda and Nethra, N.,	Journal of Pharmacognosy and Phytochemistry, <b>8(1):</b> 2208-2212.
		1	2018	Response of antioxidant enzyme in soybean soybean ( <i>Glycine max</i> L. Merrill) minicore set as related to seed deterioration during accelerated ageing.	Shruthi, K. and Siddaraju, R.	Multilogic in Science, 3: 392-396.
		1	2018	Effect of Seed Enhancement Treatments and Growth Regulators on Plant Growth and Seed Yield of Maize Hybrid Hema (NAH-1137).	Chandrashekhara, V. D., Channakeshava, B. C., Rameshraddy and Vishwanath, K.	International Journal of Pure and Applied Bioscience. <b>6</b> (1):1520-1525.
		1	2018	Seed deterioration: An Overview.	Ranjitha, H.P. and Nethra, N.	Research Journal of Agricultural Sciences, <b>9(3):</b> 480-487.
		1	2018	Physio-biochemical aspects of seed deterioration in mini core set of soybean ( <i>Glycine max</i> L. Merrill) germplasm accessions.	Shruthi, K. and Siddaraju, R.	Mysore Journal of Agricultural Sciences, <b>52(2):</b> 402-408.
		1	2018	Effect of micro and nano nutrients on plant growth, seed yield and quality of paddy hybrid KRH-4.	Siddarudh, K. S. and Siddaraju, R.	Mysore Journal of Agricultural Sciences, <b>51 (3):</b> 655-659.



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		1	2018	Effect of pulsed electro-magnetic field treatments on seed quality of onion seeds ( <i>Allium cepa</i> L.).	Sumalatha Byadagi, Nethra, N. and Rame Gowda	Mysore Journal of Agricultural Sciences, <b>52</b> (1): 18-23.
		1	2019	Influence of staggered sowing on growth, seed yield and quality of single cross hybrid maize; MAH-14-5 ( <i>Zea may</i> L.).	Anilkumar, G. S., Ramanappa, T. M. and Siddaraju, R., 2019,	(Accepted for publication in MJAS).
		1	2019	Influence of planting ratios on growth, seed yield and quality of single cross hybrid maize; MAH-14-5 ( <i>Zea may</i> L.)	Anilkumar, G. S., Ramanappa, T. M. and Siddaraju, R.	(Accepted for publication in MJAS).
		1	2019	Effect of seed treatment and containers on redgram cv. BRG-5 seed quality during storage.	Fathima Banu Sutar, Parashivamurthy, Rajendra Prasad, S., Palanimuthu, V., and Ramanappa, T. M.	(accepted for publication in MJAS).
		1	2019	Influence of polymer coating, nano-nutrient and packaging materials on storability of hybrid rice KRH-4.	Siddarudh, K. S., Siddaraju, R., Devaraju, P. J., Ramanappa, T. M. and Vishwanath, K.	Journal of Pharmacognosy and Phytochemistry. <b>8</b> (1): 2380-2385.
		1	2019	Role of maintenance breeding in seed quality assurance.	Madhusudan, K. and Ramanappa, T. M., 2019,	National Workshop (held 15-16 February 2019) on strengthening seed production and distribution system for enhancing availability of quality seeds at NSP, UAS,



						Raichur in collaboration with ICAR.
		1	2018	Influence of seed fortification on growth and seed yield in Blackgram ( <i>Vigna mungo</i> L.) cv. Rashmi.	Yogesh Thane, Vishwanath, K., Mahadevu, P., Devaraju, P. J., Maruthi, J. B.	National Seminar (Held 3 <sup>rd</sup> to 5 <sup>th</sup> February 2019) organized by <i>Indian Society of Seed Technology</i> , ICAR-Research Complex for NEH Region Manipur Centre, Imphal, India.
		1	2018	Standardization of screen size for seed processing of redgram cv. BRG-5 seeds.	Fathima Banu Sutar, Parashivamurthy, Rajendra Prasad, S., Palanimuthu, V., and Ramanappa, T. M.	(Accepted for publication in MJAS).
		1	2018	Influence of planting window on growth in seed production of finger millet ( <i>Eleusina coracana</i> (L.) Gaertn.) under climate change regime.	Vishwanath S Medar and Parashivamurthy	ISTA Workshop
		1	2018	Enhancing seed yield and quality in prosomillet ( <i>Panucummiliaceum</i> L.) through integrated approach.	Sahana, N. and Siddaraju, R.	Mysore Journal of Agricultural Sciences, 52 (4): 846.





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		1	2018	Study the efficacy of insecticides, botanicals and insecticide impregnated packaging materials seed quality during storage of cowpea ( <i>Vigna unguiculata</i> (L.) Walp.).	Yogitha, R. and Siddaraju, R.	Mysore J. Agric. Sci., 52 (3): 660.
		1	2019	A precise assessment of seed yield and quality as influenced by the planting ratios in single cross maize hybrid (MAH 14-5). pp: 126.	Ramanappa, T. M., Anilkumar, G. S. and Siddaraju, R.	National Seminar (Held 3 <sup>rd</sup> to 5 <sup>th</sup> February 2019) organized by <i>Indian Society of Seed Technology</i> , ICAR-Research Complex for NEH Region Manipur Centre, Imphal, India.
		1	2019	Screening of soybean mini core set of germplasm for physioco-bio-chemical changes during seed deterioration, pp: 224.	Shruthi, K., Siddaraju, R., Devaraju, P.J., Jayaramgowda and Ramanappa, T.M.	-do-
		1	2019	Production and supply of quality seed and planting materials for doubling the farmers income in Manipur state. pp. 248-249	Prasanna, K.P.R. AND Siddaraju, R.	-do-
<b>18</b>	<b>UAS, Dharwad</b>					
		1	2018	Effect of Biopelleting on seed yield of soybean,	Siddaraju. M. K. Ravi Hunje and Rajendra Prasad.	Seed Research, 46(2):130-132.



		1	2018	Effect of cultural practices and integrated nutrient Management in green gram cv. BGS-9 on Plant growth and seed yield parameters	Veerasha, Basave gowda, N.M Shakuntala, M.V Ravi and S.B. Patil.	Seed Research, 46(2):135-137.
		1	2018	Influence of seed size grading and spirral separator on seed quality of soybean Var. DSB-21	Vishwanath, Ravi Hunje, Gurumurthey, M. V Manjunatha and Rehan Malik	Seed Research, 46(2):171-174.
		1	2018	Influence of size grading on seed quality of Kabuli chickpea (Cicer arietinum L.) varieties	Pavan shinde and Ravi Hunje	Journal of Pharmacognosy and Phytochemistry. 7(4):1024-1029.
		1	2019	Effect of stages of harvesting and threshing methods on seed quality of soybean [Glycine max (L.) Merrill] cv. DSb-21,	Seema S Doddmani and Malabasari TA, Ravi Hunje and BS Yenagi,	International Journal of Chemical Studies. 7(1): 541-544.
		1	2019	Influence of seed grading and specific gravity separator on seed quality parameters of soybean var. DSb-21.,	Vishwanath, Ravi Hunje, R Grurumurthy and M.V. Manjunatha	International Journal of Microbiology and Applied Sciences, 8(1):1707-1713.
		1	2019	Influence of seed processing and storage on seed quality of soybean Var. DSb-21.	Vishwanath, Ravi Hunje, R Grurumurthy and M.V. Manjunatha	International Journal of Microbiology and Applied Sciences, 8(1):1684-1694.



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<b>19</b>	<b>PJ TSAU, Hyderabad</b>					
		1	2018	Pollen Storage and Pollination Studies for Maximization of Hybrid Seed Production in Sunflower ( <i>Helianthus annuus</i> L.)	K. Parimala and I. Swarnalatha Devi	Int.J.Curr.Microbiol.A pp.Sci 7(8): 2661-2664
	<b>Popular Article</b>					
		4	2018	Vithana Nanyatha Pramanalu	I.Swarnalatha Devi, K.Parimala, and M. V. Nagesh Kumar	Vyvasayam, June, 2018, Pp-27
				Vivida pantalalo molakasatham avasyakatha-lekhinchey padhathulu	D.Badru, K.Parimala, I.Swarnalatha Devi, M. V. Nagesh Kumar and B.Pushpavathi	Vyvasayam, July, 2018, Pp-35,37
				Kharif mokaJonnalO adhika digubadulaku suchanalu	Narsimha Reddy V., Lavakumar Reddy M., Sreelatha D., Swarna Latha V. and Mallaiah B.	Vyavasayam, June, 2018, Pg No: 16-18.
				Kharif saagulo anuvaina mokaJonna rakaalu	Bhadru D., Swarna Latha V., Narsimha Reddy V., Mallaiah B., Sreelatha D. and Lavakumar Reddy M	Vyavasayam, July, 2018, Pg No: 19-20.
<b>20</b>	<b>TNAU, Coimbatore</b>					
		1	2018	Importance of moisture content and storage condition on seed quality in maize hybrid COH(M)6 and its parental line seeds.	Gopalakrishnan. G and Sundaralingam. K	-



		1	2018	Role of seed treatment and storage container on seed longevity of male parental line UMI 12030 in maize hybrid COH(M)6	Gopalakrishnan. G and Sundaralingam. K.	International Journal of Agriculture Sciences. ISSN: 0975-3710 & E-ISSN: 0975-9107, Vol. 10, Issue 20, 2018. pp-7381-7384.
		1	2018	Efficiency of seed treatments and storage containers on physiological and biochemical properties of blackgram seeds.	Shanmuga Vadivel. T and Sundaralingam. K.	International Journal of Agriculture Sciences. ISSN: 0975-3710 & E-ISSN: 0975-9107, Vol. 10, Issue 20, 2018. pp-7406-7409
		1		Advances in seed quality improvement and insights of enhancement due to invigoration treatments. In: New vistas in seed production, processing, seed enhancement and marketing (Eds. Selvaraju, P., K.Sundaralingam, R.Jerlin, M.Kathiravan, C.Vanitha, G.Sasthri, K.Nelson Navamaniraj and V.Vakeswaran)	Umarani, R. and <b>C.Vanitha</b>	ISBN No. 978-81-937590-3-5; Pp. 422-431.



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		1		Advances in Varietal and hybrid seed production techniques in pulses. In: New vistas in seed production, processing, seed enhancement and marketing (Eds. Selvaraju, P., K.Sundaralingam, R.Jerlin, M.Kathiravan, C.Vanitha, G.Sasthri, K.Nelson Navamaniraj and V.Vakeswaran)	Sundaralingam, K., G.Gopalakrishnan, M.Kathiravan and <b>C.Vanitha</b>	ISBN No. 978-81-937590-3-5; Pp. 422-431.
		1		Seed health testing - Detection methods of seed borne diseases. In: New vistas in seed production, processing, seed enhancement and marketing (Eds. Selvaraju, P., K.Sundaralingam, R.Jerlin, M.Kathiravan, C.Vanitha, G.Sasthri, K.Nelson Navamaniraj and V.Vakeswaran)	Indra, N.	ISBN No. 978-81-937590-3-5; Pp. 422-431.
<b>21</b>	<b>KAU, Thrissur</b>					
	Popular Article	1	2018	Puthiya pattambi nellinangal	Faseela.K.V.	Kerala Karshakan (FIB)
	Technical bulletin	1	2018-19	Keralathile supradhana nadan nellinangal	Faseela.K.V, M.C.Narayanankutty	
<b>22</b>	<b>IARI, New Delhi</b>					
	IARI, Karnal					
	Technical bulletin	2	2019	Good agriculture practices for quality seed production	Ravindra Kumar, Nisha K Chopra and V K Pandita	TBICN: 200-2019



				Gunvatta beej utpadan hetu uchit krishi kriyayen	Ravindra Kumar, Nisha K Chopra and V K Pandita	TBICNH: 169-2019
<b>23</b>	<b>IWBR, Karnal</b>					
	Technical bulletin	1	2018	गेंहू की उन्नत किस्मों का बीज उत्पादन एवं सस्य प्रबंधन.	अमित कुमार शर्मा राज कुमार रविश चतरथ एवं ज्ञानेन्द्र प्रताप सिंह	तकनीकी पुस्तिका 19/2018. भा.कृ.अनु.प.- भारतीय गेंहू एवं जौ अनुसंधान संस्थान, करनाल. पेज 28.
	Leaf lets / Pamphlet /Poster / any other	1	2018	भारत के उत्तर पूर्वी मैदानी क्षेत्र में गेंहू एवं जौ की फसलों का गुणवत्तायुक्त बीज उत्पादन.	अमित कुमार शर्मा, राज कुमार एवं अजित सिंह खरब	विस्तार फॉल्डर 64/2018 भा.कृ.अनु.प.- भारतीय गेंहू एवं जौ अनुसंधान संस्थान, करनाल.
<b>24</b>	<b>CRIJAF, Barrackpore</b>					
	Research Paper	1	2018	Stability assessment of jute seed production system in lower Gangetic plains of India	H.R Bhandari; A. Bera, C.S. Kar, and Subrata Biswas	Industrial Crops and Products, Vol 125, 1 Dec 2018, Pages 505-510 <a href="https://doi.org/10.1016/j.indcrop.2018.09.009">https://doi.org/10.1016/j.indcrop.2018.09.009</a>



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	Leaflets / Pamphlet /Poster / any other	1	2018	Unnata padhtire aparamparik alakate Marapater beeja utpadon prajukti (in Assamese)	A Bera, C S KAR, D S Dekha, D K Sharma	Local initiative meeting of NFSM Commercial crops (Jute based Cropping system) held at Mongoldoi, Assam on 05.11.2018
		1	2019	Improved seed production technology of sunnhemp (In Telugu)	S K Sarkar, C S Kar, A Anil Kumar, Amit Bera, G Jogi Naidu	Local initiative meeting of NFSM Commercial crops (Jute based Cropping system) held at ARS Amadalavalasa, Andhra Pradesh on 25.01.2019
<b>25</b>	<b>IGFRI, Jhansi</b>					
	Technical bulletin	1	2018	Procedures for Forage Seed Testing	Sanjay Kumar, A Maity, D Vijay et al	
<b>26</b>	<b>IISR, Indore</b>					
	Leaflets / Pamphlet /Poster / any other	1	2019	सोयाबीन बीज उपचार की आधुनिक तकनीकी		
<b>27</b>	<b>DGR, Junagarh</b>					
	Popular Article	1	2018	मूँगफली गुणवत्ता बीज उत्पादन के मूल सिद्धांत	नरेन्द्र कुमार	गिरनार पत्रिका- 2018
<b>28</b>	<b>CICR, Nagpur</b>					
	Popular Article	2	2018	Seed Production through Farmers' Participatory Mode	-	CICR News Letter



	Leaf lets / Pamphlet /Poster / any other	1	2018	Seed Production in Cotton (Marathi) Care to be Taken	-	For Participating Tribal farmers
<b>29</b>	<b>IIOR, Hyderabad</b>					
	Popular Article	2	2019	Challenges and Opportunities for seed production in Oilseeds	A. Vishnuvardhan Reddy and S.N. Sudhakara Babu	Souvenir Article for National Seminar on quality seed production at UAS, Raichur during Feb 15-17, 2019
	Technical bulletin	1	2019	Training manual on Technologies for seed production of castor, sunflower, safflower and niger	S.N. Sudhakara Babu, K. Anjani, T. Manjunatha, Ramya, H.P. Meena and A. Vishnuvardhan Reddy	Training Manual
	Leaf lets / Pamphlet /Poster / any other	2	2019	Folder on BMPs in Trilingual (English, Hindi and Telugu) for seed packets	ICAR-IIOR, Hyderabad	BMPs on castor and sunflower - Seed packet ready reckoner
<b>30</b>	<b>IIMR, Hyderabad</b>					
	Technical bulletin/book	1	2018	Millets Maintenance Breeding	Kannababu N, Bhat BV, Prabhakar, Tonapi VA, Rao KVR	Indian Institute of Millets Research. Rajendranagar, Hyderabad, India. 217 pages. ISBN 81-89335-71-
<b>31</b>	<b>VSI, Pune</b>					
	Popular Article	1	1.10.2018	Sugarcane Seed production technology	S.S.Katake	National Seed Day programme.





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<b>32</b>	<b>UAS, Raichur</b>					
		1	2018	Effect of organics in enhancing seed storability of chickpea (Cicer arietinum)	Basave Gowda, Bhemanna Huded, Arunkumar Hosmani, Rakesh C Mathad, Raghu BN and Rekha	International Journal of Chemical Studies 6(2): 1890-1893).
		1	2018	Effect of polymer seed coating with micronutrients on seed quality of sunflower	Basave Gowda, Promod Golasangi, N.M.Shakuntala, S.R.Doddagoudar and I Shankergoud	Seed Research, 45 (2) 95-98.
		1	2018	Standardisation of Screen sizes for chickpea seed processing,	B. S. Ganiger, Basave Gowda, G.Y.Lokesh, B. N Raghu and Rekha,	International journal of current microbiology and applied sciences, Special issue- 6:1313-1318.
		1	2018	Studies on sieve size for grading of soybean/DSB 21 seeds	B. S. Ganiger, Basave Gowda, G.Y.Lokesh and K.Lokesh	International journal of current microbiology and applied sciences, Special issue-6:1208-1213.
		1	2018	An improved method of seed germination testing in Kabuli chickpea.	Basave Gowda, A.Krishna Naik, Rakesh C Mathad, B.S.Ganiger, Lokesh.G.Y,	Agril. Research Communication Centre, 52 (4)



					B.N.Raghu and Rekha,	
		1	2018	Opportunity for public sectors for enhancing the availability of quality seeds – an experience	Basave Gowda	International Journal of Tropical Agriculture. Page no. 643-648.
		1	2018	Evaluation of Rice Genotypes for Seed Morphometric Characters by Using Seed Image Analyser	Elizabeth, N. M. Shakuntala, Basave Gowda, K. Mahantashivayogaya, J. R. Dewan and I. M. Sangeeta	International Journal of Current Microbiology and Applied Sciences, 7 (9): 1-8
		1	2018	Seed Village Programme for Quality Seed Production in Rural Areas	Ashok, Basave Gowda and Shakuntala, N.M	KSTA National Conference on Science & Technology, Koppal (from 23-24 February, 2018.) page no. 138-139
		1	2018	Seed Certification : Quality Control of Seed Multiplication and Production	Ashok, Basave Gowda and Shakuntala, N.M	KSTA National Conference on Science & Technology, Koppal (from 23-24 February, 2018.) page no. 140-141
		1	2018	Quality Seed : A Tool for Increased Yield and Healthy Seeds	Ashok, Basave Gowda and Shakuntala, N.M	KSTA National Conference on Science & Technology, Koppal (from 23-24



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						February, 2018.) page no. 135-136
	Technical bulletin	1	2019	Decade of Seed Programmes Retrospect & Prospects	Basave Gowda,Umesh Hiremath, Lokesh.G.Y and Ganigar B.S	UAS, Raichur
	Leaf lets / any other: Souvenir	1	2019	Strengthening Seed Production and Distribution System for Enhancing Availability of Quality Seeds		UAS, Raichur
	Training manuals	1	2018	Skill Development for Seed Entrepreneurship		UAS, Raichur
<b>33</b>	<b>PAJANCOA&amp; RI, Karaikal</b>					
	Research Paper	1	2019	Maintenance of Seed longevity of Soybean (Glycine max L.) cv. JS 335 under coastal environment of Karaikal district	Ramanadane, T., G. Hemalatha, A. Kamatchi and R. Govindarasu.	Souvenir, National Seminar on Strengthening of Seed systems in the North Eastern and Unreached Regions- Problems, Prospects and Policies, February 3-5, 2019 at ICAR-Research Complex for NEH Region, Manipur Centre, Lamphelpet, Imphal., p.273-274.
	Book	1	2019	Quality seed production in Oilseeds and Pulses	Ramanadane, T., R. Govindarasu and S. Nadaradjan	



<b>34</b>	<b>ICAR-RC, NEH Region, Manipur</b>					
	Research Paper	2	2019	Impact of Participatory Seed Production Programme in Manipur	I Meghachandra Singh, S. Gunamani Singh, MA Ansari, Levis Chongloi, Leenda Monshang, Lydia Zimik, N. Johnson Singh, Basil Lourembam, Solei Luiram, rabi Kolom, Gaipuichung Kamei, Deepak Singh, Ramakrishna, N. Prakash	
			2019	Farmers participatory seed production of groundnut: a viable option for doubling farmers income	TS Leenda Monshang, KL Llevish chongloi, Deepak Singh, IM Sing and N Prakash	
<b>35</b>	<b>ANGRAU, Guntur</b>					
	Popular Article					
		1	2018	Nanyamaina Vari Vittanotpattilo Antharaduram Yokka Pramukhyatha-	Dr. R. Krishna Naik, Dr. Ch. Sreelaxmi and Dr U Veenitha	Vyavasayam. August,2018: P.no.30-31.
		1	2018	Rythustailo Vari Vittanotpattiki Melakuvalu	Dr. R. Krishna Naik, Dr. Ch. Sreelaxmi and Dr D. Kodandarami Reddy	Vyavasayam. October,2018: P.no.27-29



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		1	2019	Viitanala lable mariyu lot numbarla gurinchi telusukovalsina vishayalu	Dr. R. Krishna Naik, Dr. Ch. Sreelaxmi and Dr D. Kodandarami Reddy	Vyavasayam .Februry ,2019: P.no.17-19.
	Leaf lets / Pamphlet /Poster / any other	1	2019	Vari Vittanotpattilo Melakuvalu (Rice Quality Seed production)	Dr D. Kodandarami Reddy, Dr U Veenitha, Dr. R. Krishna Naik, Dr. Ch. Sreelaxmi, Dr Madusudhan, Kmt. PN Harathi and Dr I Paramasiva	

**Awards:**

S. No.	Centre	Awards	No.	Title	Organization	Remarks
1	SKUAS & T, Sringar	Genome Saviour Award by PPV&FR Authority	1	To the Farmers of Sagam Belt for conserving Mushkbudji Aromatic Land Race and its spread by the revival team also comprising of the scientists from AICRP (NSP) Srinagar Centre.	PPV&FR Authority	NSP team played major role for seed production and distribution of Mushkbudgi aromatic land race over years



2	<b>CCSHAU, Hisar</b>	Krishi Vigyan Gaurav” Award (2018) by “Bhartiya Krishi Anusandhan Samiti”	1	Jawar ke beejon ki gunwatta evam bhandaran par beej upchaar ka parbhav	“Bhartiya KrishiAnusandhan Samiti”	
3	<b>SBPUA&amp;T, Merrut</b>	Second Prize	1	Seed Sale and advisory in kisan mela	SVPUA&T, MEERUT	Mustard & wheat seed sale Rs. 6,06,200 among the all over seed sale counter
4	<b>CSAUA&amp;T, Kanpur</b>	Promoting students for research and infrastructural development in the University	1	Award of Excellence 2018	CSAUAT, Kanpur	Dr. C. L. Maurya Professor
5	<b>JNKVV, Jabalpur</b>	Best farm manager in university	1	Best farm manager in university	JNKVV, Jabalpur	Awarded by Hon’ble Vice Chancellor, JNKVV, Jabalpur
6	<b>PDKV, Akola</b>	Certificate of merit	1	Model of Seed Village	Dr. PDKV, Akola	Live Model of ideal seed village
7	<b>TNAU, Coimbatore</b>	Best Performance Centre Award	1	Best Performance in Seed Technology Research Award	Pandit Jawaharlal Nehru College of Agriculture & Research Institute, Karaikal	Seed Centre, TNAU, Coimbatore received the award for AICRP-NSP (Crops) - STR experiments



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		Best Seed Production Scientist Award	1	Best Seed Production Scientist Award	TNAU, Coimbatore	Dr.C.Vanitha, Asst. Prof. (SST) received award for performance in seed prouduction activities
		Best Extension Professional Award	1	Best Extension Professional Award	TNAU, Coimbatore	Dr. M. Kathiravan, Asst. Prof. (SST) received award for the excellence in dessimation of the Agricultural Technology to the farmers
8	<b>IIPR, Kanpur</b>		1	Best Team Award (Seed)	ICAR-Indian Institute of Pulses Research, Kanpur	
9	<b>CRIJAF, Barrackpore</b>					
		Best Oral Presentation Award at 9th National Seed Congress held at BHU Varanasi, 19-21 Feb.2019 to Dr. Manu Kumar	1	Quality seed: A key component for doubling farmers income	NSRTC, Varanasi & BHU, Varanasi	
10	<b>IIMR, Hyderabad</b>	Services in seed production and supply	1	Ritu Mithra	IIMR/NABARD	



11	<b>UAS, Raichur</b>	Dr. Basave Gowda Professor (SST) & Special Officer (Seeds)	1	Life Time Achievement Award	The Society of Tropical Agriculture, New Delhi	7th International Conference on Agril.Horticulture and Plant Sciences held on June 28-29, 2018 at Shimla (HimachalPradesh)
12	<b>PAJANCOA&amp; RI, Karaikal</b>	Best Poster Paper presentation	1	National Seminar on Strengthening of Seed systems in the North Eastern and Unreached Regions-Problems, Prospects and Policies, February 3-5, 2019 at ICAR-Research Complex for NEH Region, Manipur Centre, Lamphelpet, Imphal.	Indian Society of Seed Technology	
13	<b>ICAR-RC, NEH Region, Manipur</b>	Best ICAR Centre	1	Best performance ICAR Institute Category	ICAR IISS Mau	For the year 2017-18, awarded during the joint annual group meeting of NSP-AICRP and ICAR Seed project on 09-11 <sup>th</sup> May 2018 at PAJANCOA & RI Karaikal (Puducherry)





Varietal Replacement:

S. No	Center	Crop	New variety popularized	Year of release	Quantity of Seed produced (q)	Old varieties replaced	Remarks
1	SKUAS & T, Srinagar	Paddy	Shalimar Rice-2	2013		China -1009	-
			Shalimar Rice-3	2013		China -1039	
		Maize	Shalimar Maize Composite-4	2013		C-6	
		Oats	Shalimar Oats -1	2013		Kent	
2	SKUAS & T, Jammu	Paddy	JB 129		10	B 370	-
		Wheat	HD 3237		5	HD 2967	
			WB 02		10	HD 2967	
3	CSKHPKV, Palampur	Wheat	Him Palam Gehun 1/ HPW 360	2016	61	Substitute of VL 829 alternate to HS 542	-
			Him Palam Gehun 2/ HPW 368	2016	1103.5	Alternate var. for VL 907 and HS 507 HPW 349	
			Him Palam Gehun 3/ HPW 373	Identified for release 2019	57	Substitute of VL 892 and HS 490	
		Linseed	Him Palam Als 1	2017	0.5		For <i>Uttera</i> system
		Rice	Him Palam Dhan 1/ HPR 2656	2017	1.5		Low & Mid hills of HP under upland conditions



			Him Palam Dhan 2/ HPR 2880	2017	2		Low & Mid hills of HP under irrigated conditions
4	<b>SBPUA&amp;T, Meerut</b>	Paddy	Pusa 1612	19/09/201 3 S.O. 2817 (E)	35.17	PS 5	-
			PB 1509	19.09.2013 2817 (E)	274.8	PB 1 & PB 6	
		Wheat	DBW 88	2013	180	PBW 343	
			DBW 71	2013	205	PBW 226	
		Indian Mustard	Pusa Vijay	2013	9	Pusa Bold	
5	<b>NDUA&amp;T, Faizabad</b>	Rice	Sambha Mahsuri sub- 1	2014/268 E28.01.2015	1800	Sambha Mahsuri	-
		Wheat	NW -4018	2012/244 E24.01.2014	135	C-306, K-65	
6	<b>CSAUA&amp;T, Kanpur</b>	Paddy	PB 1509	2013	32	PB 1	High yielder, short duration
			Pant Basmati 02	2015	48	PB 1	Early and high yielder
		Wheat	DBW 107	2014	122	HUW 234	High yield potential under late sown condition, resistance to leaf rust & blight, high in protein, iron and zinc content.
			K-1317	2017	122	K 8027	Rainfed condition, require restricted irrigation, suitable



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							for Bundelkhand zone
			Unnat PBW 343	2017	418	PBW 343	High yielder and yellow rust resistance.
			K-1006	2014	348	K 307	Rust resistance, high zinc level
			K-607	2014	254	K 307/K 9006	Rust & blight resistance
			K-402	2013	148	WH 147	Rust & blight resistance, suitable for Bundelkhand zone
		Barley	K-1055 (Prakhar)	2017	40	K-508/409	High yielder, resistance to yellow, brown and black rust, timely sown irrigated condition, whole UP, saline tolerant.
		Moong	Sweta	2014	22.8	PDM 139	Multiple disease resistant
			Swati	2015		IPM 2-3	Early maturity (Kharif)
			Virat	2016	16.1	IPM 2-3	Early maturity suitable for summer
		Urd	IPU 2-43	2014	8	-	Early maturity
		Lentil	Krash (KLS 9-3)	2016	36	DPL 62/KL 320	For late sown condition, early maturity



			Kriti (KLB 2008-4)	2016		DPL 62	Late sown situation
			Shekhar 5 (KLS-122)	2017	4	KL-320	Late sown, small seeded, wilt & rust resistance
			Shekhar 4 (KLB-345)	2016	3	DPL-62	Timely sown, suitable for whole U.P. especially for Bundelkhand zone, wilt resistance and high yielder
		Gram	RVG 202	2012	30	JG-16	Suitable for late sown condition in paddy/cotton-chickpea cropping system
		Field Pea	IPFD 10-12	2014	46	-	Bundelkhand Zone, green seeded
		Toria	Tapeswari	2014	0.5	T9 & Bhawani	Higher yielder, bold seeded
			Azad Chetna	2018		Tapeswari, T9	High yielder(14-15 q), early maturity
		Rai	Pitambari	2014	39	K 88/T42/YS 151	Higher yielder & oil content
			Azad Mahak	2018		For all variety	High yielder (28-30q), Maturity days 125-130
		Linseed	Uma	2016	16.4	Garima	Wilt & blight resistance
<b>7</b>	<b>BHU, Varanasi</b>	Paddy	HUR 917	2015	145.5	BPT 5204	High yielding medium fine grain



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			HUBR 10-9	2014-15	25	HUBR 2-1	High yielding, fine grain
		Wheat	DBW 107	2016	12	PBW 154	Late sown, yield potential of 40-42 q/ha
			PBW 1	2017	8.4	PBW 343	Zinc rich variety
			HUW 669	2018	16	HUW 468	Zinc rich variety
<b>8</b>	<b>AAU, Jorhat</b>	Paddy	Gitesh	2016	132	-	Suitable for staggered planting in <i>sali</i> season
			Ranjit Sub1		4518	Ranjit, Bahadur	
			Bahadur Sub 1		1776	Satyaranjan, Basundhara	Suitable for growing in <i>sali</i> season in double crop situation
			Shravani (TTB 404)		331		
		Rapeseed & Mustard	TS 36/TS 38/TS 46/TS 67	Pre-release	2037	M27, TS29	Suitable for late sowing after harvest of <i>sali (kharif)</i> rice.
<b>9</b>	<b>BAU, Ranchi</b>	Paddy	BVS-1	2015	20	Lalat	
			CR Dhan 202	2014	50	Abhishek	
			CD Dhan 305	2014	23.5	Lalat	
			BVD 203	2015	5	Lalat	
		Wheat	HD 3171	2017	60	K 9107	
			HD 2967	2014	32	K 9107	
			K 1006	2014	515	K 9107	
		Pearlmillet	Dhanshakti	2014	0.07		
		Gram	Bidisha	2015	10	JAKI 9218	
		Groundnut	GJG-18	2015	1.6		



		Linseed	BAU 06-03	2016	10	T 397	
			BAU 12-1	2017	5	T 397	
		R&M	Pusa 30	2013	6.5	Pusa Bold	
			Tapeswari	2014	2		
<b>10</b>	<b>RPCAU, Pusa</b>	Wheat	DBW-107	2014	120	DBW-14	
		Paddy	R. Neelam	2016 (IET No.24010) / IC No.617123	99.5	Turanta	
<b>11</b>	<b>OUA&amp;T, Bhubaneshwar</b>	Paddy	Hasanta	2016 (yet to be notified)	2	Surendra	Farmers demand due to BPH resistance
<b>12</b>	<b>AAU, Anand</b>	Paddy	Mahisagar	2017	10	Gurjari	High yielding
		Wheat	GW-451	2016	388.4	GW 496	
		Green gram	GAM-5	2018	41.48	GM-4	10% higher yield
		Dill seed	GAD-1	2017	14.5	GD 3	15 days Early maturity
<b>13</b>	<b>JAU, Junagarh</b>	Wheat	GW 463	2016	397.5	Lok-1, GW 496	
		Chickpea	GG 5	2015	391	GG 1 & GG-2	
			GJG 6	2016	57.5	GG 1 & GG-2	
<b>14</b>	<b>NAU, Navsari</b>	Paddy	Purna	2014	4.5	GR-5, GR-8	Breeder
					51.8		Foundation
					23.8		TF
			GNR-5	2015	10	Dandi	Breeder
					25.2		Foundation
					2		Certified
			GNR-6	2015	91.31	IR-28	TF
			GNR-7	2016-17	3.5	GAR-13	Breeder



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					12.05		Certified
					31.5		TF
			GNRH-1 Hybrid	2016-17	3.9	-	TF
		Finger millet	GNN-6	2014	12.9	GN-4	Breeder
					26.7		TF
			GNN-7	2016	26.7	GN-5	Breeder
		Cotton	G. Cot.-22	2013		G. Cot. - 20	TF
			GN. Cot.Hy.-14( <i>G hirsutum</i> )	2014		G. Cot. Hy. - 12	TF
			GN Cot. Hy. - 18	2016-17		-	
			GN Cot. - 22	2016-17		-	
			GN Cot. - 26	2016-17		-	
			GN Cot. - 27	2016-17		-	
			GN Cot. - 28	2016-17		-	
		Sugarcane	GNS-8	2013		NC-707, CO-86002	
			GNS-9	2015-16		CON-671, CO-86002	
			GNS-10	2016-17		CO-86032, CON-0265	
<b>15</b>	<b>IGKVV, Raipur</b>	Rice	Zinco Rice MS	2019	32		Nutri Rich
			CG Devbhog	2019	69.62	Mahsuri, HMT	
			CG Sugandhit Bhog	2017	130	Indira Sugandhit Dhan 1	
			Tarunbhog Selection	2016	48	Aromatic Land Races	



			Badshabhog Selection 1	2016	5	Aromatic Land Races	
			CG Madhuraj Dhan 55	2016	32	Chapti Gurmatia	
		Soybean	CG Soya 1	2016	42.8	Indira Soya - 9	
		Urdbean	Indira Urd Pratham	2015	74	TU 94-2	
		Kodo	CG Kodo 2	2016	8	JK 41, JK 48	
			Indira Kodo 1	2012	29	JK 41, JK 48	
		Ragi	CG Ragi 2	2016	8	BR 708	
			Indira Ragi 1	2012	46.25	BR 708	
		Wheat	CG Amber Wheat	2019	2	Sujata	
		Fieldpea	Indira Matar 1	2016	25	Ambika, Shubhara	
		Chickpea	Indira Chana 1	2017		Vaibhav, JG 130	
		Linseed	RLC 133	2016		Kiran R 552	
<b>16</b>	<b>JNKVV, Jabalpur</b>	Wheat	MP 3382	2015	396.34	GW 322, GW 273	-
			MP 1255	2015	3.28	HD 4672	
			JRH 19	2015	0.5	JRH 4, 5 and 8	
		Chickpea	JKG 5	2015	4.5	JKG 2	
			JG 36	2016	6	JG 315	
		Soybean	JS 20-29	2015	383.69	JS 93-05	
			JS 20-69	2015	296.32	JS 97-52	
			JS 20-34	2016	325.74	JS 93-05, JS 95-60	
		Kodo	JK 137	2015	0.2	JK 41	
		Linseed	JLS 79	2016	0.5	JLS 23	





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		Niger	JNS 30	2016	2.38	JNC 6	
		Rice	JR 767	2017	27	PS 3, PS 4 & PS 5	
			JR 81	2018	7.82	MTU 1010	
			Chinoor (Improved)	2018	12.6	Chinoor	
			Jeera Shankar (Improved)	2018	18.9	Jeera Shankar	
			JRV 1	2018	18	IR 36, IR 64	
<b>17</b>	<b>VNMKV, Parbhani</b>	Soybean	MAUS 612	2017	748.2	MAUS 61	-
		Safflower	PBNS 86	2016		Sharda	
<b>18</b>	<b>PDKV, Akola</b>	Sorghum	CSV-34	80th meeting of CVRC	0.2	SPV-669	-
			PDKV Kartiki	2018*	0.1	PKV Ashwini	
			PDKV Kalyani	2017*	0.15	-	
		Pigeon Pea	PKV Tara	2817(E) 10.09.2012	0.3	ICPL-87119	
		Urd	PDKV Black Gold	2016	0.3	TAU-1	
		Gram	AKG 1109 (PDKV Kanchan)	2017*	5.5	Vijay & Jaki 9218	
			PKV Harita	S.O. 2125(E) 10-09-12	1.2	Vijay	
		Groundnut	AKG 335	2017*	1.2	TAG 24	
		Paddy	PDKV Akshad	2017*	1	PKV HMT	
			PDKV Tilak	2017*	2.5	Shriram Local	
		Wheat	AKAW 4627	456 (E), 16.03.12	1	Lok-1	



			PKV Washim (WSM-1472)	S.O.(E) 2125 (A), 10.09.12	1.2	Lok-1	
		Bajra	PKV Raj	S.O.(E) 2125, 10.09.12.	0.3	ICTP-8203	
<b>19</b>	<b>KKV, Dapoli</b>	Paddy	Karjat-8	2017	286	Suvarna	-
<b>20</b>	<b>UAS, Bengaluru</b>	Paddy	KRH-4	2013	60	KRH-2	Medium fine rice, Non scented
			KCP-1	2013	60	IR-64	Coarse paddy suitable for both low land and upland cultivation
			KMP-175	2013	50	-	Short duration, long slender grain, good cooking quality
		Ragi	KMR-204	2012	35	-	Resistant to blast
		Maize hybrid	Hema	2013	90	NAC-6002	
			MAH-14-5	2018	100	Nityashree	Resistant to downy mildew and leaf blight & turcicum leaf blight
		Red gram	BRG-4	2014	14	-	Suitable for late sowing
			BRG-5	-	30	BRG-2	Resistance to wilt, sterility mosaic virus; high yielding, suitable for



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							vegetable and dal purpose
			BRG-3	2018		-	Resistant to fusarium wilt and sterility mosaic virus
		Cowpea	PKB-4	2012		PKB-6	Vegetable cowpea
			AV-5	2013		-	Vegetable cowpea
			KBC-9	2018		KM-5	High yielding, tolerant to rust and leaf spot
		Fodder cowpea	MFC-08-14	2013	7.5	KBC-2	Fodder cowpea
			MFC-09-1	2014	8	KBC-2	Fodder cowpea
		Groundnut	KCG-2	2013	30	TMV-2	Tolerant to leaf spot and rust
			ICGV-91114	-	25	TMV-2	ICRISAT variety
			GKVK-5	2016	30	TMV	High yielding and stay green
			KCG-6	2016	30	TMV	High yielding
		Castor	Hy. HCH-6	-	20	DCH-177	High yielding over DCH-177
<b>21</b>	<b>PJTSAU, Hyderabad</b>	Paddy	RNR-15048	2015	1580	BPT-5204	-
		Paddy	KNM-118	2015	903	MTU-1010	
		Paddy	JGL-18047	2015	550	MTU-1010	
<b>22</b>	<b>TNAU, Coimbatore</b>	Paddy	TKM 13	2015	611.18	BPT 5204	-
			CR 1009 Sub1	2015	1032.81	CR 1009	
			MDU 6	2015	12	MDU 5	



			CO 52	2017	2279.65	BPT 5204	
		Blackgram	VBN 8	2016	59.61	VBN 7	
		Groundnut	VRI 8	2016	18.04	-	
		Fodder Cowpea	CO 9	2016	3.15	-	
		Bhendi	Hybrid CO 4	2016	9.81	CO 3	
		Cluster bean	MDU 1	2015	3.92	PNB	
<b>23</b>	<b>KAU, Thrissur</b>	Paddy	Supriya	2018	2	Uma/Jyothi/ Ponmani	Long duration variety with high straw and grain yield
		Paddy	Akshaya	2018	2	Uma/Jyothi/ Ponmani	Long duration variety with high pest & disease resistance and drought tolerance
<b>24</b>	<b>IARI, New Delhi</b>						
	IARI, Indore	Wheat	HI 8759	2017	300	HI 8498	Farmers are showing interest in new variety
			HI 1605	2017	160	HI 1531	-do-
	IARI, Karnal	Rice	PB 1728	2017	156.96	PB 6	
		Rice	PB 1637	2016	174.84	PB 1	
<b>25</b>	<b>IIWBR, Karnal</b>	Wheat	DBW 17	2007		PBW 343, PBW 502, DBW 17, HD 2687, UP 2338, WH 542, Raj 1482, WH 283, PBW 154, Raj 3077.	High yielding potential and rusts resistance
			WB 2	2017			
			PBW 723	2017			
			HD 2967	2014			
			HD 3086	2014			
			HD 3226	2018			



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			DBW 71	2013		DBW 16, UP 2425, PBW 373, Raj 3765, UP 2338, Sonalika/ RR-21, Raj 3077, PBW 226.	High yielding potential and rusts resistance
			DBW 90	2014			
			DBW 187	2018		CBW 38, DBW 39, HD 2824, HD 2733, PBW 443, HUW 468, NW 1012, K 9006, HP 1761, K 9107, HP 1731, K 88/K 8804.	High yielding potential and rusts resistance
			DBW 93	2015		MACS 6478, UAS 304, MACS 6222, HD 2932, Raj 4037, GW 322, MACS 2496, DWR 162, HD 2189.	Rusts resistant variety with high yielding potential for timely sown restricted irrigated condition of PZ
		Barley	DWRUB 52	2007		RD 2035, RD 2503, RD 2552, NDB 1173, RD 2508, PL 172, PL 419, PL 426, Alfa 93, BCU 73, DWR 28,	High yielding potential with resistance to leaf blight & rusts. Suitable for Malt extraction



						RD 2592, RD 2052	
			DWRB 137	2018		RD 2552, BH 902, PL 172, RD 2052, RD 2035, PL 426, RD 2503.	Feed barley variety with high yielding potential and leaf blight & rusts resistance
<b>26</b>	<b>VPKAS, Almora</b>	Wheat	VL Gehun 953	2016	114.72	VL 804	
		Rice	VL Dhan 68	2014	8.77	Vivek Dhan 221	
		Maize	VMH 45	2013	7.15	Local OPVs	
			VMH 53	2016	1.5		
		Finger millet	VL Mandua 352	2014	19.5	VL Mandua 146, VL Mandua 324	
			VL Mandua 347	2012	0.75		
			VL Mandua 376	2017	5.5		
			VL Mandua 379	2017	2		
			VL Mandua 348	2016	0.9		
		Garlic	VL Lahsun 2	2012	5.5		
<b>27</b>	<b>IIPR, Kanpur</b>	Urdbean	IPU 12-1	2018	3	Uttara	
		Mungbean	Virat	2017	10	Samrat	
<b>28</b>	<b>CRIJAF, Barrackpore</b>	Tossa Jute	NJ 7010 (Rani)	2018	1	JRO 524	Pre-mature flowering resistant variety with average



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							yield 30.92 q/ha. Better fibre quality in terms of fibre strength (24.2 g/tex)
		White jute	JRC 9057(Ishani)	2013	2	JRC 321	Very fine (1.31 tex) fibre quality with average and potential yield of 28.06 q/ha and 30-35 q/ha respectively. Highly tolerant to stem rot disease
		Kenaf	Central Kenaf JBMP 2	2016	0.5	MT150	Highly suitable for entire mesta growing belt of the country. Average fibre yield is 28.42 q/ha with a potential of >35.0 q/ha. Tolerant to foot and stem rot disease and mealy bug
		Kenaf	JRKM 9-1(Satyen)	2014	0.5	HC 583	Average yield potential is 24.26 q/ha with better fibre quality (fineness 2.54 tex and strength 21.29 g/tex). Highly tolerant to foot and stem rot disease



		Roselle	Central Roselle CRIJAFR 5 (Ratna)	2016	0.4	HS 4288	Average fibre yield is 25.40 q/ha but it has potential to attain upto 35 q/ha fibre yield. Tolerant to major insect pests i.e jassids, aphids, semilooper and white fly
		Roselle	JRR 17 (Ayush)	2018	0.5	HS 4288	Average fibre yield 26.35 q/ha with potential yield of 32-35 q/ha. Better fibre quality in terms of fineness (3.0 tex). Tolerant to foot and stem rot disease
		Ramie	R 1411 (Hazarika)	2015	50	Kanai	Suitable for cultivation in north-eastern states, Sikkim and North Bengal. It can also perform well in intercropping with arecanut, pineapple, coconut and rubber. Its average fibre yield is 14.66 q/ha/year with potential yield of 18.74 q/ha





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		Flax	JRF 2	2014	1	Local	First fibre flax variety released in India
<b>29</b>	<b>NRRI, Cuttak</b>	Paddy	CR Dhan 907	2013	0.9	Geetanjali	
			CR Dhan 500	2014	36	Durga, Varshadhan, CR 1014	
			CR Dhan 303	2014	10	Naveen, Lalat	
			CR Dhan 307	2014	15	Swarna, Ranidhan, Pratikshya	
			CR Dhan 305	2014	1	Naveen, Lalat	
			CR Dhan 304	2014	7	Naveen, Lalat	
			CR Dhan 204	2014	1	CR Dhan 200	
			CR Dhan 310	2015	3.5	Naveen	
			CR Dhan 311	2016	1	Naveen	
			CR 1009 sub 1	2016	6.9	CR 1009	
			CR Dhan 800	2016	0.6	Swarna	
<b>30</b>	<b>DRMR, Bharatpur</b>	Mustard	DRMRIJ-31	2013	1166.5	Rohini/Varuna	
			RH 0749	2012/13	629.41	Rohini/Varuna	
<b>31</b>	<b>IISR, Indore</b>	Soybean	Raj Soya 18	2017	5	JS 335	
			JS 20-69	2016	22	JS 335	
			JS 20-98	2018	5	JS 335	
<b>32</b>	<b>CICR, Nagpur</b>	Cotton	CSH3075	2018	1.2		
			CSH 2931	2017			
<b>33</b>	<b>IIOR, Hyderabad</b>	Safflower	ISF 764 (Variety)	Pre-release	70	A1, Bhima	Promising variety



			DSH 185 (hybrid)	2018	3.5	PBNS-12, A1, Bhima	CMS based hybrid
		Castor	ICH-66 (Hybrid)	2018	50	GCH-4, Kranti	Promising early hybrid
<b>34</b>	<b>IIMR, Hyderabad</b>	Sorghum	CSH 41	2019	40	CSH 9& CSH 16	High yielding hybrid
			CSH 30	S.O:952(E) 10.04.2013	10	CSH 14 & CSH 23	Early duration hybrid
			CSV 27	S.O:1708(E) 26.07.2012	70	CSV 15	Dual purpose variety
			CSV 33MF	S.O:1007(E) 30.03.2017	5	Co(FS)29	Multicut fodder
<b>35</b>	<b>VSI, Pune</b>	Sugarcane	MS10001	2012	4.06		Area under new varieties has increased by 26 %
			VSI08005	2018	29.88		
<b>36</b>	<b>UAS, Raichur</b>	Pigeonpea	TS 3R	2011	641	Maruthi (ICP-8863)	Early duration variety and resistant to wilt
			GRG 811	2018	190	Maruthi (ICP-8863)	Resistant to wilt and SMD
		Greengram	BGS-9	2012	16.75	Sel-4	Long pods, bold and shiny seeds
		Chickpea	GBM-2	2016	30	-	Suitable for mechanical harvesting
		Maize	RCR MH 2	2017	35	-	Heat stress tolerant
		Sunflower	RSFH 1887	2016	20	RSFH 130	High oil content
		Groundnut	KDG-128	2013	22	TMV-2	



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37	<b>PAJANCOA&amp; RI, Karaikal</b>	Paddy	CR1009 Sub 1	2015	226	CR 1009	
			TKM 13	2015	90	I.W.Ponni	
38	<b>ICAR-RC, NEH Region, Manipur</b>	Rice	RC Maniphou-13	2016	1009.9		-
			Gomatidhan	2018	3393	Swarna / Ranjit / Pooja	
			Tripura Khara 1	2018	17.2	IR 64	
			Tripura Khara 2	2018	8.7	IR 64	
			Tripura Jala 1	2018	9	Swarna	
			Tripura Chikan Dhan	2018	224	Pyzum / MR/ Swarna	
			Tripura Sarat	2018	7.9	Krishna Hamsa	
			Tripura Nirog	2018	388	Swarna / Pooja / Ranjit	
			Tripura Hakuchuk 1	2018	12.5	Traditional Jhum rices / NDR 97	
			Tripura Hakuchuk 2	2018	18.4	Traditional Jhum Rices / NDR 97	
			Tripura Aush	2018	9.6	NDR 97 / China	
		Black gram	Tripura Maskolai 1	2018	53	Uttara	
		Green gram	Tripura Mung 1	2018	27.6	KM 851 / PM 4/ PM 5 / HUM 16	
		Sesame	Tripura Siping	2018	2.3	B 67	
		Toria	TRC Toria 1	2018	3.7	TS 36 / TS 38	



		Mustard	PM-28	2012	1		
	<b>Tripura center</b>	Rice	Gomatidhan (TRC 2005-1 / IET 21512)	2018	3393	Swarna / Ranjit / Pooja	-
			Tripura Khara 1 (IET 22837)	2018	17.2	IR 64	
			Tripura Khara 2 (IET 22835)	2018	8.7	IR 64	
			Tripura Jala 1 (IET 22167)	2018	9	Swarna	
			Tripura Chikan Dhan (IET 22112)	2018	224	Pyzum / MR/ Swarna	
			Tripura Sarat (IET 22113)	2018	7.9	Krishna Hamsa	
			Tripura Nirog (IET 22580)	2018	388	Swarna / Pooja / Ranjit	
			Tripura Hakuchuk 1 (TRC 2013-4)	2018	12.5	Traditional Jhum rices / NDR 97	
			Tripura Hakuchuk 2 (TRC 2013-5)	2018	18.4	Traditional Jhum Rices / NDR 97	
			Tripura Aush (TRC 2013-12)	2018	9.6	NDR 97 / China	
		Blackgram	Tripura Maskolai 1	2018	53	Uttara	
		Greengram	Tripura Mung 1	2018	27.6	KM 851 / PM 4/ PM 5 / HUM 16	
		Sesame	Tripura Siping	2018	2.3	B 67	



**ICAR Seed Project- "Seed Production in Agricultural Crops"**

		Toria	TRC Toria 1 (TRCT - 1-1-5-1)	2018	3.7	TS 36 / TS 38	
<b>39</b>	<b>IIRR, Hyderabad</b>	Rice	DRR Dhan 44			MTU 1010	-
			IR 64 (Drought)			IR 64	
			Swarna Sub-1			Swarna	
			DRR Dhan 50			Swarna	
<b>40</b>	<b>SBI, coimbatore</b>	Sugarcane	Co 0212	2016	3354.45	Co 0403, CoC 671	-
			Co 09004	2017	1382.5	Co 0403, CoC 671	
<b>41</b>	<b>CIARI, Port Blair</b>	Rice	CIARI Dhan6, CIARI Dhan 7, CARI Dhan 8, CARI Dhan 9, CSR 36 Gayatri	CARI Dhan 6 and CARI Dhan 7 (2013) CARI Dhan 8 and CARI Dhan 9 (2015)	49.06	C14-8, Jaya, Jagannath, Khusbyya and Silver Jaya etc.	About 43% farmers replaced Jay rice variety followed by Jagannath (32%) and C14-8 (11%) in North Andaman and Middle Andaman. However most adopted rice varieties are Gayatri 54% and Jaya 14%.
		Pulses	CARi Mung 1 CARI Mung 3 CARI Urd 1 CARI Urd 2	CARI Mung 1& CARI Mung 3 (2014) CARI Urd 1 & CARI Urd 2 (2017)	4.1	Local cultivars/varieties	
<b>42</b>	<b>UASH, Shivamogga</b>	Paddy	KKP-5	2018	2.0	JGL-1798 & BPT-5204	-



			KHP-13	2018	1.0		
43	ANGRAU, Guntur	Paddy	Nandyal sona (NDLR-7)	2016 notification no.3-59/2017	701.2	BPT 5204	Less duration compared to BPT 5204
		Paddy	MTU 1121	2015	120.6	MTU 1001 and MTU 1010	
		Paddy	MTU 1156	2016	85.72		
		Paddy	MTU 1153	2015	52.2	MTU 1010	
		Paddy	NLR 4001	Pre release	20	BPT 5204	Fine grain, medium duration, non lodging, tolerant to blast, BPH. Suitable for kharif and early rabi
		Paddy	NLR 3354	Pre release	10	NLR 34449	
		G.nut	Dharani	2013	1400	Kadiri 6/TMV2	Drought tolerant
		Blackgram	TBG104	2017	28	LBG645/LBG752/LBG623	YMV tolerant
		Redgram	LRG-52	2017	25	LRG-41	High pod bearing

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## Success Stories

### SKUAS&T, Srinagar

- Revival of elite landraces of Kashmir valley for income & livelihood security of farmers. Two villages viz., Sagam in district Anantnag and Tangdhar in district Kupwara were identified for seed production of two local land races namely Mushkbudgi and Red Rice, respectively. One farmer group in each village was identified for quality seed production of these land races. Trainings were conducted in all the identified areas regarding the integrated management of blast disease to which all these land races are highly susceptible. 10 quintals of pure seed of Mushkbudgi and 4 quintals of red rice was procured from the respective areas for further processing and distribution during *Kharij*2018.

### BCKVV, Nadia

- Few land races have been produced not only in University Farm, but also by a group of farmers technical guidance of BCKV MSP unit. The promising types are Dudheswar, Banshkathi, as well as aromatic Chinigura, Gobindobhog, etc. of which Dudheswar is highly promising in low saline belt.
- An attempt has been made to develop 'Seed Village' for paddy seed production in Gontra village, 24-parganas (North) and Organic Seed production in Canning area, 24-Parganas (south).

### UBKV, Pundibari

#### **Selection and adoption of new rice varieties through 'farmers' participatory breeding'**

Through this project, a programme was initiated two years back for selection of new rice varieties through 'Farmers' Participatory Breeding' approach. Two new cultures from UBKV have been selected by the tribal farmers'. Presently about 10% of rice area at Singhibari is being cultivated with this two rice culture, namely UBKVR-36 and UBKVR-1.

### JAU, Junagarh

#### **Storage of groundnut pods in air tight drums/tins**

Groundnut storage in steel drums and tins is a form of hermetic storage where the storage structures are air-tight. Since air (oxygen) is essential for the development and multiplication of stored produce insect pests, the air-tight container deprives the pests of air leading to their death by asphyxiation. The use of steel drums/tins is suitable for

storage of groundnut seeds. The method is not hazardous since no chemical treatment is required (Adejumo and Raji, 2007).

Farmers of Gujarat in general and Saurashtra region in particular storing the groundnut seeds without seed treatment in such type of air tight steel drums/tins since long times as a traditional method of storage. Farmers put such air tight drums/tins in their home where the low temperature is upheld for most of the times. The seeds of groundnut stored under such air tight container do not loss its viability and vigour for more than 12 months. Before the start of the sowing season, they bring out these seeds and grow after giving seed treatment. This is the success story and the supporting images are attached.



### **IIMR, Hyderabad**

- Standardized seed production of CSH 24 MF paving way for fodder security through production of 1500 quintals of multi-cut forage hybrid CSH 24 MF certified seed produced and supplied to animal husbandry department under licensing for commercialization during 2018-19. This year it is going to have a major share (40%) with production around 18,000 quintals of certified seeds of CSH 24 MF.
- New clusters for forage seed production established with seed industry researcher's meet

### **IIOR, Hyderabad**

#### **Promoting BMPs for niger cultivation with improved variety, cuscuta management, line sowing, mechanical weeding, honey bees with tribal communities**

Low productivity of niger (*Gauizotia abyssinica*) is mainly attributed to low adoption of improved practices by tribal farmers. IIOR's efforts in organizing demonstrations on BMPs of niger at Chintapally and Arukuvalley regions of Andhra Pradesh resulted in showcasing to the farmers the use of improved variety KGN-2, seed cleaning to remove Cuscuta seeds



by sieving and brime treatment, line sowing instead of broadcasting, mechanical weeding due to the line sowing using wheel hoe, and bee keeping to improve yield with additional honey. Farmers were supported with seed bins, sieves, weeders, bee hives, masks, tarpaulins, etc.

The programme provided platform to interact and suggest BMPs on niger crop, current livelihood opportunities and suggested newer income generating options especially through honey bee cultivation that increases seed yield besides provides additional economic product, honey at no cost. The farmers were demonstrated the use of improved niger variety and further sharing/distribution among themselves, line sowing and cuscuta management. Thus the programme helped in promoting overall livelihood and economic status of tribal communities and supporting integrated farming systems for sustainable production through niger crop in remote hill areas.

### **PAJANCOA & RI, Karaikal**

- Quality seed production is enhanced to 740 q from 148.7 q during 2018-19.
- Distributed 150 q of quality seeds of new varieties CR1009 Sub 1 and TKM 13 for Rabi, 2018-19
- Distributed Rs. 3,08,479 worth of inputs to the Tribal farmers of Mattaparai and Turur villages of Vellimalai Block of Kalrayan hills .



Distribution of inputs to the Tribal farmers of Mattaparai and Tirur Villages of Vellimalai Block, Kalrayan Hills on 30.10.2018

### **KKV, Dapoli**

During 2018-19, the centre succeeded in achieving the seed production of 2164.09 q and planting materials 16.56 lakh. Under Grambijotpadan, truthful seed production of 797.91 q was achieved.

Inferences on SRR & VRR:

The University had a major contribution in achieving a seed replacement ratio of 39.42 % (2018-19) as against to that of 20.81 % (2005-06) in rice in the Konkan region. University released improved rice varieties viz., Karjat-3 & Karjat-5, Karjat-7 and Karjat-8 has replaced the old varieties viz., Jaya, Ratna and Suvarna, respectively to the tune of 40-50 per cent in the Konkan region.

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**At a Glance**

**Summary of seed production during 2018 -19 under ICAR seed project- "Seed Production in Agricultural Crops"**

(in quintals)

S. No.	Particulars	In University/Institute		Participatory Seed Production		Total	
		Target	Production	Target	Production	Target	Production
1	Breeder seed	6475.83	16201.52	0.00	0.00	6475.83	16201.52
2	Foundation seed	60064.16	79702.89	51387.50	58634.40	111451.66	138337.29
3	Certified seed	87403.75	93166.62	73967.50	87638.25	161371.25	180804.87
4	TFL seed	26531.12	33822.87	37913.50	53669.39	64444.62	87492.26
5	Planting material	50870.00	61976.01			50870.00	61976.01
	<b>Total</b>	<b>231344.86</b>	<b>284869.91</b>	<b>163268.50</b>	<b>199942.04</b>	<b>394613.36</b>	<b>484811.95</b>

(in lakh)

S. No.	Particulars	Target	Production	Target	Production	Target	Production
1	Planting material	193.55	178.05	-	-	193.55	178.05
2	Tissue culture plants	5.06	12.17	-	-	5.06	12.17
	<b>Total</b>	<b>198.61</b>	<b>190.22</b>	<b>-</b>	<b>-</b>	<b>198.61</b>	<b>190.22</b>

\* Rabi 2018-19, expected seed production figures were used in compilation.

**Summary of capacity building programmes under ICAR Seed Project during 2018-19**

Year	No. of Training/ Field day / Seed day	No. of Beneficiaries	No. of Exhibition/ KisanMela/ KisanGoshti	No. of Beneficiaries	Leaf lets / Pamphlet /Poster/ Research Paper / any other	Awards
2018-19	358	49612	87	1554468	146	14



## ***Perspectives***

*Seed is basis for mankind's sustenance.* Contemporary food security is a mere reflection of the fundamental fact that, how secured we are with respect to seed! In Indian scenario, the achieved self-sufficiency in current food grain production is due to availability of quality seed, affability owing to untiring efforts of varied seed stakeholders of Indian seed domain. However, in the era of climate change, with impending threats of resource depletion and population explosion, efforts should be geared upon continuously to counteract looming challenges of present epoch. Though, a blessing India having is its vast biodiversity and varied agro-climatic zones, offer vistas for alternative provenances for seed production, contingent planning and model deployment, shall pave way for quality seed mediated improved productivity levels and growth.

Although discernible progress was made in quality seed production, still some of the issues such as Varietal Replacement Rate (VRR) and Seed Replacement Rate (SRR) need to be tackled. VRR and SRR have a strong positive correlation with the productivity. ICAR Seed Project is one of the effective platforms for handling these twin issues. Apart from university / institute based production, model deployment (farmers' participatory approach / seed village scheme / community seed banks) at local level and enabling partnership with private sector, SHGs, NGOs and varied community based organizations, which facilitate in smooth flow of seed of adapted, acceptable, improved varieties to farmers is one of the signal achievements of ICAR Seed Project. This initiative needs organized communities, institutional technical backstopping and continued interaction between various institutions, policymakers and stakeholders to strengthen local seed systems to enhance seed productivity thereby enabling seed security. In reference to SRR, ICAR Seed Project alone contributed to an increment of 0.4 to 0.8 per cent per annum in major field crops i.e. cumulative of 2 per cent during XII plan period and a progressive target of 1.5 to 2.0 per cent per annum is set as future perspective. Indian seed industry is one of the vibrant domains of world seed sector and is having potential to attain higher echelons because of its sheer size, reach and



diversity. Infusing corporate modeling in public sector seed domain is an area to be pondered with and can provide elucidation to many inquests relating seed domain.

Policy interventions and normalization of seed research and standards on par with international benchmarks are imperative perspectives for growth of Indian sector. During XII plan period, horizons of ICAR Seed Project are widened by incorporation of components *viz.* quality seed production under horticultural crops & fisheries, technology generation and institution of topical seed research and quality assurance laboratory in order to bring a holistic dimension in reference to 'seed' across farming systems. However as per approved EFC (2017-18 to 2019-20), considering the need for rationalization & prioritization of activities, component *viz.* quality seed production in agricultural crops is only incorporated under the umbrella platform of ICAR Seed Project.

ICAR Seed Project is an illustrious project of ICAR on 'SEED', for which responsibility of coordination was reckoned upon 'ICAR-Indian Institute of Seed Science' (formerly Directorate of Seed Research). Under the aegis of ICAR, with the adept support of cooperating centres, ICAR Seed Project can deliver solutions to contemplated perspectives. Emphasis on quality seed production in untapped & far flung areas, modernization of seed processing facilities, ordination of state of art seed testing facilities in identified centres, model deployment (participatory approach, developing seed cooperatives, seed hubs & entrepreneurship development), endeavoring on elevating VRR & SRR levels, enabling farmers with right seed at right time and advancement of commercially feasible technologies pertaining to seed domain are ordained expanses of project realization.

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हर कदम, हर डगर  
किसानों का हमसफर  
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*Agri search with a human touch*



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