



Seed Unit, UAS, Raichur



Seed is the basic input in agriculture, that carries and act as catalyst for all other improved technologies to increase agricultural production. Therefore, the university has given priority for quality seed production and technology transfer through supply of quality seeds to the farming community by giving more emphasis on Seed Village and farmers participatory programme and promotion new varieties/hybrids.

To emphasis more on regional needs for quality seeds, the university has established ten seed processing plants and seed godowns in different Agricultural Research Stations and Krishi Vigyan Kendras that comes under the university covering six districts north eastern Karnataka.

With an objective to provide quality seeds of latest varieties/hybrids along with latest technologies before the commencement of season, university has initiated an unique programme viz. Kharif/Rabi Seed Day on May 25th and September 25th respectively, which will be conducted in all the centres.

By considering the performance of Seed Unit, UAS, Raichur, ICAR-Indian Institute of Seed Science awarded **Best Performance Centre for 2017-18** and the scientists of Seed Unit, UAS, Raichur also received many awards for their work by different organisations.

Seed Unit of the university has an aim to make the north eastern karnataka, the potential seed hub with skilled human resources and enhanced farmers participatory approach.



Officer Incharge

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I. Staff position

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10.	Shri. Earbasavanta	Field Assistant	88612 57149
11.	Shri. Mohammed Usman Ali	Lab Assistant	90350 60637
12.	Shri.Raghavendra.A.S	Driver (LV)	96119 35495
13.	Smt. Mahadevi	Farm Labour	-
14.	Shri. Narashima Ramdas	Farm Labour (Super numeri)	-
15.	Shri Sanna Durgappa	Farm Labour	-

II. The growth of seed production through the years since 2009-10

Year	Breeder Seed	Foundation Seed	Certified Seed	Truthfully Labelled Seed	Under Seed Village & TSP	Total
2008-09	-	-	2500*	-	-	2500
2009-10	37	435	1754	6358	14820	23404
2010-11	450	1126	3765	5599	29781	40721
2011-12	319	1301	1895	5456	27294	36265
2012-13	497	3256	7517	6821	25600	43691
2013-14	311	1618	5609	1620	48229	57387
2014-15	590	751	4054	2172	9396	16963
2015-16	582	1331	4533	4404	0	10850
2016-17	735	2129	6035	2251	500	11650
2017-18	903	2305	7415	2205	10688	23516
2018-19	511	1340	6370	703	1939	10863
2019-20 (Plan)	704	1370	11825	4920	1000	19819

* Before the formation of university.

III. List of projects completed/under operation from 2009-10 till date

i. Details of Completed projects

Sl. No.	Name of Project	Funding Agency ICAR, Adhoc, GoK, RKVY, DST, DBT etc	Budget (Rs. in lakhs)	AbAc	Year of Start	Year of Completion
1	Identification of appropriate techniques for maintaining seed quality in Rabi/Summer groundnut	NATP, ICAR, CGP-Mode	12.25	-	2001-02	2003-04
2	Standardization of seed production technology on pre-released cotton hybrid	GOK	1.50	-	2002	2003-04
3	Identification of suitable storage technology for maintaining seed quality of sunflower under commercial	GOK	1.1	-	2008-09	2009-10
4	Participatory seed production for food security and to improve socio economic status of farming community in north eastern Karnataka	RKVY	42.0	6806	2008-09	2016-17
5	Seed Village programme in groundnut and chickpea.	DAC, GOI	87.0	5031	2009-10	2011-12
6	Seed village programme.	DAC, GOI	121.17	5026	2010-11	2013-14
7	Seed infrastructure development (seed godowns and seed processing plants)	DAC, GOI	264.00	5050	2010-11	2012-13
8	Enhanced seed production programme	RKVY	100.0	6838	2011-12	2013-14
9	Quality Control Arrangement on Seeds	DAC, GOI	64.35	5002	2012-13	2013-14
10	Training on Quality Arrangement on seeds	DAC, GOI	0.50	5003	2012-13	2013-14
11	Seed Village Programme (Exclusively for SC/ST Farmers)	DAC, GOI	9.88	5027	2013-14	2014-15
12	Seed Village Programme (Exclusively for General Farmers)	DAC, GOI	29.63	5028	2013-14	2014-15
13	Seed Village Programme (General Farmers)	DAC, GOI	32.33	5031	2013-14	2014-15
14	Seed Village Programme (SC/ST Farmers)	DAC, GOI	10.78	5030	2013-14	2014-15
15	Swabeejabhiruddi Yojane	GOK	374.30	5033	2014-15	2016-17
16	Tribal Sub Plan	DSR, ICAR	3.0	5038	2016-17	2016-17

ii. Ongoing Projects

Sl. No	Name /Type of the Project	Funding Agency ICAR, Adhoc, GoK, RKVY, DST, DBT etc	Budget	AB.A/c No.	Year of Start	Year of Completion
1	ICAR Seed Project on Seed Production in Agricultural crops.	DSR, ICAR	37.31	5034	2013-14	Ongoing
2	AICRP - NSP (Crops) Breeder Seed Production	DSR, ICAR	44.55	7019	2013-14	Ongoing
3	Seed Hub Project Creation of seed hubs for increasing indigenous production of pulses	ICAR, IPR	100.0	8621 (Revolving Fund)	2016-17	Ongoing
			50.0	5046 (Seed Infrastructure)		
4	Enhanced Pulses Seed Production	GOK- NFSM	88.0	7462	2016-17	Ongoing
5	Enhanced Oil Seed Production	GOK- NMOOP	25.28	7461	2016-17	Ongoing
6	Seed Village Programme (General farmers)	DAC, GOI	30.63495	5040	2017-18	Ongoing
7	Seed Village Programme (SC farmers)	DAC, GOI	10.21165	5041	2017-18	Ongoing
8	Seed Hub Project Creation of seed hubs for increasing indigenous production of Oilseeds (Soybean)	ICAR	100.0	8635 (Revolving Fund)	2018-19	Ongoing
			50.0	5045 (Seed Infrastructure)		
9	Creation of seed infrastructure facilities (SMSP)	DAC, GOI	119.50	5044	2018-19	Ongoing

IV. Important Publications

Sl. No.	Year	Title of the Book	Authors	No. of pages	Published by
With ISBN No.					
1	2011	Improved Seed Production (Kannada)	Basave Gowda	105	UAS, Raichur
2	2013	Advances in Seed Production, Processing and Quality Assurance	Basave Gowda and Krishnamurthy,D	210	DAC, GOI and UAS, Raichur
3	2015	Vegetable Seed Processing (ISBN No. 9789385516030)	Rakesh C .Mathad, Basavegowda and Patil,S.B	152	New India Publishing Agency, New Delhi.
4	2016	Handbook on pulses seed production	Basave Gowda, Raghu B.N and Rekha	56	UAS, Raichur
5	2018	Seed Industry Management (ISBN No. 9789353511777)	Basave Gowda Joseph Raju. T Harish. M.S Basavaraj S. Ganigar	350	National Seed Project crops (Crops), UAS, Raichur
6	2019	Improved Seed Production of Rabi crops	Basave Gowda, Umesh Hiremath, B.S.Ganigar, Lokesh G.Y, Shantha C Matti	48	UAS, Raichur & Govt. of India
7	2020	Improved Seed Production Practices	Basave Gowda, Umesh Hiremath, Lokesh G.Y, B.S.Ganiger, Ajit Kumar K and Arun Kumar Hosmani	100	Seed Village Programme & Seed Unit, UAS, Raichur

V. National Training / Workshop conducted

Sl. No .	Nature of Programme	Name of event	Date and Venue	No. of Participants
1.	National Training Programme	“Advances in quality seed production, Processing and quality assurance”	19-23 March, 2013, Seed Unit, UAS, Raichur	31
2.	National Training Programme	Advances in Seed Production, Certification and Quality Assurance	28 th August to 1 st September, 2017, Seed Unit, UAS, Raichur	50
3.	National Training Programme	Skill Development for Seed Entrepreneurship	4th – 8th September, 2018, Seed Unit, UAS, Raichur	26
4.	National Workshop	Strengthening Seed Production and distribution system for Enhancing Availability of Quality Seeds	February 15-16, 2019, Seed Unit, UAS, Raichur	83



National Training Programme on “Advances in quality seed production, Processing and quality assurance” held in Seed Unit, UAS, Raichur during 19-23/03/2013



Inauguration by watering plant

View of the participants

National Training on Advances in Seed Production, Certification and Quality Assurance from 28th August to 1st September, 2017 conducted at Seed Unit, UAS, Raichur



National Training Programme on Skill Development for Seed Entrepreneurship conducted at Seed Unit, UAS, Raichur 4th – 8th September, 2018.



National Workshop on Strengthening Seed Production and distribution system for Enhancing Availability of Quality Seeds at Seed Unit, UAS, Raichur held February 15-16, 2019

VI. Details of the Seed Days conducted and farmers participated

Title	Year	No.	No of farmers Participated	Locations
Kharif seed days	2010-11	1	306	Seed Unit, Raichur
Rabi Seed Days		1	271	Seed Unit, Raichur
Kharif seed days	2011-12	1	275	Seed Unit, Raichur
Rabi Seed Days		1	367	Seed Unit, Raichur
Kharif Seed days	2012-13	6	1034	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Rabi seeds days		6	820	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Kharif seed days	2013-14	5	839	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir
Rabi Seed Days		5	1300	Seed Unit- Raichur, Bidar, Koppal, Yadhgir, Gulbarga
Kharif seed days	2014-15	5	675	Seed Unit- Raichur, Bidar, Kalaburgi, Koppal, Yadhgir
Rabi Seed Days		6	746	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Kharif seed days	2015-16	5	1027	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Rabi seed days		6	715	
Kharif seed days	2016-17	6	1657	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Rabi seed days		6	1264	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Kharif seed days	2017-18	5	950	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir
Rabi seed days		6	864	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Kharif seed days	2018-19	6	965	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Rabi seed days		6	1026	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Kharif seed days	2019-20	8	1240	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga
Rabi seed days		9	1345	Seed Unit- Raichur, Bidar, Bellary, Koppal, Yadhgir, Gulbarga



Kharif Seed day on 24-25 May, 2010
at Seed Unit, Raichur



Kharif Seed day on 25.5.2011
at Seed Unit, Raichur



Rabi Seed day on 25.9.2011
at Seed Unit, Raichur



Rabi Seed day on 25.9.2012
at Seed Unit, Raichur



Rabi Seed day on 28.9.2015
at Seed Unit, Raichur



Kharif Seed day on 25.5.2016
at Seed Unit, Raichur



Rabi Seed day on 25.9.2018
at Seed Unit, Raichur



Kharif Seed day on 25.5.2019
at Seed Unit, Raichur

VII. Awards / Recognition received

Year	Name of Award / Recognition	Awarding Institute	Name of the Scientist
2010-11	Fellow of Indian Society of Seed Technology	Indian Society of Seed Technology IARI, New Delhi	Dr.Basave Gowda Special Officer (Seeds) UAS, Raichur
2010-11	Best presentation and work award for the seed village programme of UAS, Raichur	National Seed Research and Training centre, Varanasi and MPKV, Rahuri during National Seed seminar held at Pune	
2012-13	Best oral paper presentation	National Seed congress-2012, Raipur	
2013-14	Incentive Award	UAS, Raichur	
2015-16	Reviewer Excellent Award	Agricultural Research Information centre, Haryana	
2015-16	Young Scientist Award	KVP and SVPA	Mr.Rakesh C Mathad Assistant Professor-SST, Seed Unit, UAS, Raichur
2016-17	VIRA 2016 Distinguished Scientist Award	Annual Research Meet Venus International Foundation, Chennai on 03.12.2016	Dr.Basave Gowda Special Officer (Seeds) UAS, Raichur
2016-17	Reviewer Excellence Award	Legume Research/Journal of Agricultural Research Communication Centre	
2016-17	Eminent Scientist Award	International Seminar on Agriculture & Food for Inclusive Growth and Development on 14-15 th Jan, 2017 at NBRI, Lucknow organised by Samagra Vikas Welfare Society & Annapoorna Life Organic Food Pvt. Ltd., Lucknow.	
2016-17	Best Oral Presentation Award		
2016-17	Rashtriya Gaurav Award	Seminar on Economic Growth & National Integration on 21 Dec, 2016 at New Delhi organised by India International Friendship Society, New Delhi.	
2016-17	Best Research Paper Award	Indian Society of Seed Technology, IARI, New Delhi	Mr.Rakesh C Mathad Dr. S. B.Patil, Dr.Lokesh. G. Y Dr. Basave Gowda
2017-18	Best Extension Scientist Award for 2017	UAS, Bengaluru, Alumni Association	Dr.Basave Gowda Special Officer (Seeds) UAS, Raichur
2017-18	Best Performance Centre Award for ICAR Seed Project as a Leader	ICAR-Indian Institute of Seed Science, Mau	Dr.Basave Gowda Special Officer (Seeds) UAS, Raichur
2018	Life Time Achievement Award	The Society of Tropical Agriculture, New Delhi	Dr.Basave Gowda Special Officer (Seeds) UAS, Raichur
2018	Adarsh Vidya Saraswati Rashtriya Puraskar	Glacier Journal Research Foundation, Global Management Council	
2019	Outstanding Achievement Award	Society for Tropical Agriculture New Delhi	
2019	Reviewer Excellence Award	Legume Research/Journal of Agricultural Research Communication Centre	
2019-20	Certificate of Appreciation	UAS, Raichur	



Dr. Basave Gowda, Special Officer (Seeds), UAS, Raichur receiving ICAR – IISS Best Performance Award for 2017-18 from Hon'ble Minister for Agril. Govt. of Puducherry, Asst. Director General (Seeds), ICAR, New Delhi and Director IISS, Mau

Seed Infrastructure Facilities Created at different campuses of UAS, Raichur

1. Raichur District



Seed Processing Complex at Seed Unit, UAS, Raichur



Seed processing plant



Seed Quality Testing and Research laboratory Seed Unit, Raichur



Cold storage unit for seeds Seed Unit, UAS, Raichur



Seed information and sale centre Seed Unit, UAS, Raichur



Automatic seed treater, drier and packing unit Seed Unit, UAS, Raichur



Groundnut decorticator Seed Unit, UAS, Raichur



Training cum Exhibition hall Seed Unit, UAS, Raichur



Seed Godown at ARS, Dhadesugur

II. Bidar District



Seed Processing Plant and Seed godown at ARS, Bidar

III. Bellary District



Seed Processing Plant and Seed godown at ARS, Siruguppa



Seed Processing Plant and Seed godown at ARS, Hagari

IV. Koppal District



Seed Processing Plant and Seed godown at ARS, Gangavathi

V.Yadgir Dist



Seed Processing Plant and Seed godown at ARS, Kawadimatti



Seed Processing Plant and Seed godown at ARS, Bheemaranagudi



Seed Processing Plant and Seed godown at ARS, Malnoor

VI.Kalaburagi District



Seed Processing Plant and Seed godown at ARS, Kalaburgi



Seed Processing Plant and Seed godown at ARS/KVK, Raddewadgi