

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE & FARMERS WELFARE
DEPARTMENT OF AGRICULTURE & FARMERS WELFARE

RAJYA SABHA
UNSTARRED QUESTION NO. -2591
TO BE ANSWERED ON 11/08/2023

USE OF DRONES IN AGRICULTURE

2591#. SHRI RAM SHAKAL:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether Government is mulling over brining a new revolution in agriculture;
- (b) if so, the details thereof;
- (c) the number of drones purchased during the last three years and the places where those drones were put in to operation;
- (d) whether Government plans to engage youth as drone pilots; and
- (e) if so, the action plan thereof?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI NARENDRA SINGH TOMAR)

(a) to (e): The Government of India supports and facilitates the State Governments through various Centrally Sponsored and Central Sector Schemes to promote agriculture throughout the country and infusing technologies into the agriculture. The use of drone in agriculture has some distinct advantages for the benefit of farmers which includes high field capacity and efficiency of operation, less turnaround time and other field operational delays, wastage reduction of pesticide and fertilizers due to high degree of atomization, water saving due to ultra-low volume spraying technology in comparison to traditional spraying methods, reduction in cost of spraying and fertilizer application in comparison to conventional methods etc. besides reduction of human exposure to hazardous chemicals.

Under Sub-Mission on Agricultural Mechanization (SMAM) financial assistance @ 100% of the cost of drone up to a maximum of Rs. 10 lakhs per drone is provided for its purchase and demonstration on the farmers' fields by the institutes under Indian Council of Agricultural Research, Farm Machinery Training & Testing Institutes, Krishi Vigyan Kendras (KVKs), State Agriculture Universities (SAUs), State and other Central Government Agricultural Institutions/Departments and Public Sector Undertakings (PSUs) of Government of India engaged in agricultural activities. The Farmers Producers Organizations (FPOs) are provided grants up to 75% of the cost of Kisan Drone for its demonstrations on the farmers' fields. A contingency expenditure of Rs.6000 per hectare is provided to these implementing agencies that do not want to purchase drones but will hire drones for demonstrations from Custom Hiring Centres (CHCs), Hi-tech Hubs, Drone Manufacturers and Start-Ups. The contingent expenditure to implementing agencies that purchase drones for drone demonstrations is limited to Rs.3000 per hectare. In order to make available drone services to farmers on rental basis,

financial assistance @ 40% up to a maximum of Rs. 4.00 lakhs are provided for purchase of drones by CHCs under Cooperative Society of Farmers, FPOs and Rural entrepreneurs. Agriculture graduates establishing CHCs are eligible to receive financial assistance @ 50% of the cost of drone up to a maximum of Rs.5.00 lakhs per drone. For purchase of drones on individual ownership basis, the Small and Marginal, Scheduled Caste/Scheduled Tribe, Women and North Eastern State farmers are provided financial assistance @ 50% of the cost up to a maximum of Rs. 5.00 lakhs and other farmers @ 40% up to a maximum of Rs. 4.00 lakhs.

Under SMAM, funds amounting to Rs. 134.55 crores have been released towards Kisan Drone promotion which includes Rs. 52.50 crores released to the ICAR for purchase of 300 Kisan Drones and organizing their demonstrations on the farmers' fields in 75000 hectares through 100 KVKs, 75 ICAR institutions and 25 SAUs. The funds have been provided to the State Governments for supply of 347 Kisan Drone to farmers on subsidy and establishment of 1573 Kisan Drone CHCs to provide drone services to the farmers. The State-wise list of identified KVKs/SAUs and ICAR institutes for demonstration of Kisan Drones is enclosed as Annexure-I. The drone pilots are trained by 63 organizations/institutions authorized so far by the Directorate General of Civil Aviation (DGCA) as Remote Pilot Training Organizations (RPTOs) and these organizations/institutions have so far trained 5796 persons as drone pilots

**State-wise list of identified KVKs/SAUs and ICAR institutes for demonstration
of Kisan Drones**

List of KVKs

S. No.	KVK	State/ UT
1	Krishi Vigyan Kendra, Sugarcane Research Centre, Bajpur Road, Kashipur, Distt. Udham Singh Nagar-244713	Uttarakhand
2	Krishi Vigyan Kendra, Dhanauri Distt. Haridwar-249404	Uttarakhand
3	Krishi Vigyan Kendra, Sundernagar, Distt. Mandi-174 402	Himachal Pradesh
4	Krishi Vigyan Kendra, PO. & Teh. Kandaghat, Distt. Solan-173215	Himachal Pradesh
5	Krishi Vigyan Kendra, Pombay, Distt. Kulgam	Jammu & Kashmir
6	Krishi Vigyan Kendra, R.S. Pura, Distt. Jammu-181102	Jammu & Kashmir
7	Krishi Vigyan Kendra, Samrala, Distt. Ludhiana-141 114	Punjab
8	Krishi Vigyan Kendra, VPO. Budh Singh Wala, Distt. Moga-142 001	Punjab
9	Krishi Vigyan Kendra, Kheri, Distt. Sangrur-148 001	Punjab
10	Krishi Vigyan Kendra, Handitya, Barnala District	Punjab
11	Krishi Vigyan Kendra, Village Tepla, PO. Saha, Distt. Ambala-133 104	Haryana
12	Krishi Vigyan Kendra, Distt. Mahendergarh-123029	Haryana
13	Krishi Vigyan Kendra, Jagdishpur, Rathdhana, Narela Road, PB No. 28, Distt. SonipAt.131 001	Haryana
14	Krishi Vigyan Kendra, IARI, Shikohpur, Distt. Gurgaon-122 001	Haryana
15	Krishi Vigyan Kendra, Ujwa, New Delhi-110 073	Delhi
16	Krishi Vigyan Kendra, P.Box No.56 Distt. Bhilwara-311001	Rajasthan
17	Krishi Vigyan Kendra, P.Box No.29, Danta, Distt. Barmer-334 001	Rajasthan
18	Krishi Vigyan Kendra, Abusar, P.Box No.4, Distt. Jhunjhunu-333 001	Rajasthan
19	Krishi Vigyan Kendra, CAZRI (ICAR), Jodhpur Road, Distt. Pali-306 401	Rajasthan
20	Krishi Vigyan Kendra, Banasthali Vidyapeeth, PO. & Distt. Tonk-304022	Rajasthan
21	Krishi Vigyan Kendra, Rice Research Station, Nagina, Distt. Bijnor-246762	Uttar Pradesh

22	Swami Kalyan Dev Krishi Vigyan Kendra, Hastinapur, Distt. Meerut-250 404	Uttar Pradesh
23	Krishi Vigyan Kendra, IVRI, Izatnagar, Distt. Bareilly-243122	Uttar Pradesh
24	Krishi Vigyan Kendra, R.B.S. College, Bichpuri, Distt. Agra-283105	Uttar Pradesh
25	Krishi Vigyan Kendra Vill.-Katia, Post-Manpur, Block & Tehsil-Biswan, Distt.- Sitapur(Uttar Pradesh)	Uttar Pradesh
26	Krishi Vigyan Kendra, IISR, Raibareilly Road, Distt. Lucknow-202 002	Uttar Pradesh
27	Krishi Vigyan Kendra, Govt. Agriculture Farm, Khiria Misra, PO. Bamourikala, Devgarh Road Distt. Lalitpur-284403	Uttar Pradesh
28	Krishi Vigyan Kendra, Via Pahari, Ganiwan, Distt. Chitrakoot-210206	Uttar Pradesh
29	Krishi Vigyan Kendra Distt. Bahraich, Uttar Pradesh.	Uttar Pradesh
30	Krishi Vigyan Kendra, Barakachha Farm, PO. Belhara Institute of Agricultural Science, Distt. Mirzapur- 231001	Uttar Pradesh
31	Krishi Vigyan Kendra, State Seed Multiplication Farm, Lada Distt. Samastipur	Bihar
32	Krishi Vigyan Kendra, Agricultural Farm, Manjhi, Distt-Saran-841313	Bihar
33	Krishi Vigyan Kendra, Pipra Kothi, Distt. East Champaran-845401	Bihar
34	Krishi Vigyan Kendra, Seed Multiplication Farm, Mussi, Makhdumpur, Distt. Jahanabad	Bihar
35	Krishi Vigyan Kendra, Agwanpur, Barh, Distt. Patna-803 214	Bihar
36	Krishi Vigyan Kendra, PO. Thakurganj, Distt. Kishanganj-854316	Bihar
37	Krishi Vigyan Kendra, Agwanpur, Distt. Saharsa-852201	Bihar
38	Krishi Vigyan Kendra, Vikas Bharati, Bishunpur, Distt. Gumla-835331	Jharkhand
39	Krishi Vigyan Kendra, Seed Multiplication Farm Kullu, Distt. Chatra	Jharkhand
40	Krishi Vigyan Kendra, Agricultural Farm, Bena, Distt. Jamtara	Jharkhand
41	Krishi Vigyan Kendra, C/O.Sri Ramkrishna Ashram, PO. Nimpith Ashram, Distt. South 24-Parganas-743338	West Bengal
42	Krishi Vigyan Kendra, Vill.-Arapanch, Mouza- Natagachi and Vill.-Narendrapur, Mouza- Ukhilapaikpara, South 24 Parganas Distt.	West Bengal
43	Krishi Vigyan Kendra, Village Milebasa(Digha), PS Bhagwangola, Distt. Murshidabad, West. Bengal.	West Bengal

44	Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavan, (Institute of Agriculture) PO.Sri Niketan, Distt. Birbhum-731236	West Bengal
45	Krishi Vigyan Kendra, Pundibari, Distt. Coochbehar-736165	West Bengal
46	Krishi Vigyan Kendra, At/PO. Shyamakhunta Distt. Mayurbhanj-757 049	Odisha
47	Krishi Vigyan Kendra, At Panipoila, PO. Balugaon, Distt. Nayagarh-752 070	Odisha
48	Krishi Vigyan Kendra, Horticulture Farm, Distt. Deogarh, Deogarh	Odisha
49	Krishi Vigyan Kendra, College of Horticulture & Forestry, CAU, Pasighat.791102, Distt. East Siang	Arunachal Pradesh
50	Krishi Vigyan Kendra, Sariahtoli, Nalbari Distt. Nalbari-781337	Assam
51	Krishi Vigyan Kendra, Kaliapani near Teok, Fidy. Distt. Jorhat	Assam
52	Krishi Vigyan Kendra, RARS, North Lakhimpur Distt. N. Lakhimpur-787032	Assam
53	Krishi Vigyan Kendra, RARS, Distt. Karimganj-788710	Assam
54	Krishi Vigyan Kendra, Village Sarvagram (Jatinga Lampu), P.S. Halflong, Distt. Dima Hasao, Assam.	Assam
55	Krishi Vigyan Kendra, Namthang, Distt. South Sikkim	Sikkim
56	Krishi Vigyan Kendra, Andro village, Distt. Imphal East-	Manipur
57	Krishi Vigyan Kendra, Bishnupur Utlou, PO. Nambol Distt. Bishnupur-785134	Manipur
58	Krishi Vigyan Kendra, Fruits Garden, Dhankheti, Shillong Distt. East Khasi Hills-793001	Meghalaya
59	Krishi Vigyan Kendra, Tesophenyu, Distt. Kohima	Nagaland
60	Krishi Vigyan Kendra, Chhatla, Aizwal, Distt. Chintuipui-796001	Mizoram
61	Krishi Vigyan Kendra, Khowai Divyodaya, Chebri, Khowai- 799207	Tripura
62	Krishi Vigyan Kendra, Kharpudi Post Box No: 45, Distt. Jalna-431 203	Maharashtra
63	Krishi Vigyan Kendra, Parola Road, Distt. Dhule-424004	Maharashtra
64	Krishi Vigyan Kendra, Waghapur Road, PO. & Distt. Yavatmal-445001	Maharashtra
65	Krishi Vigyan Kendra, Sharda Nagar, Malegaon Colony, PO. Baramati, Distt. Pune-413115	Maharashtra
66	Krishi Vigyan Kendra, PO. Risod, Loni Road Distt. Washim-444 506	Maharashtra
67	Krishi Vigyan Kendra, PO Babhleshwar, Tal. Rahata. Distt. Ahmednagar-413 737	Maharashtra

68	Krishi Vigyan Kendra, Navsari NAU Campus, Distt. Navsari-396 450	Gujarat
69	Krishi Vigyan Kendra, Dethali, Distt. Kheda-378210	Gujarat
70	Krishi Vigyan Kendra, Panchmahal (CIAH) Vejalpur (Godhra) Distt. Panchmahal-389340	Gujarat
71	Krishi Vigyan Kendra, Kodinar Taluka, Distt. Junagadh	Gujrat
72	Krishi Vigyan Kendra, Betul Bazar, Distt. Betul-460004	Madhya Pradesh
73	Krishi Vigyan Kendra, Jaisawal Quarters, Civil Ward No.2, Distt. Damoh-470661	Madhya Pradesh
74	Krishi Vigyan Kendra, Post Box No.18, Distt. Dhar-454 001	Madhya Pradesh
75	Krishi Vigyan Kendra, Majhgaon, Distt. Satna-485 331	Madhya Pradesh
76	Krishi Vigyan Kendra, Powarkheda, Distt. Hoshangabad-461 110	Madhya Pradesh
77	Krishi Vigyan Kendra, Shiksha Samiti, Kalukheda, Distt. Ratlam-457339	Madhya Pradesh
78	Krishi Vigyan Kendra, College of Agriculture, Jaswadi Road, Distt. Khandwa-450 001	Madhya Pradesh
79	Krishi Vigyan Kendra Newari Farm, Distt. Kawardha (Kabirdham)	Chhattisgarh
80	Krishi Vigyan Kendra Distt. Korea	Chhattisgarh
81	Krishi Vigyan Kendra, Trimurty Colony, Distt. Mahasamund	Chhattisgarh
82	Krishi Vigyan Kendra, Dr.Y.S.R.Horticultural University, Venkataramannagudem West Godavari District- 534 101	Andhra Pradesh
83	Krishi Vigyan Kendra,- Upstairs Andhra Bank, Yemmiganur 518360, Kurnool District	Andhra Pradesh
84	RASS – Acharya Ranga Krishi Vigyan Kendra, Karakambadi post, Renigunta mandal Chittoor district – 517 520	Andhra Pradesh
85	Krishi Vigyan Kendra Ramnagar, Adilabad -504001	Telangana
86	Krishi Vigyan Kendra, Kampasagar, Babusaipet Post 508 207, Nalgonda District	Telangana
87	Krishi Vigyan Kendra, Jaya Prakashnagar, , Jammikunta, Dist: Karimnagar - 505122	Telangana
88	Krishi Vigyan Kendra, Vridhachalam, Dist Cuddalore-606 001	Tamil Nadu
89	Krishi Vigyan Kendra, 57, Bharathi Street, Gobichettipalayam, Distt. Erode-638 452	Tamil Nadu
90	Krishi Vigyan Kendra, Ariyalur	Tamil Nadu
91	Krishi Vigyan Kendra, Chandurayanghalli, Distt. Ramanagram-560065	Karnataka
92	Krishi Vigyan Kendra, Banvasi Road, Sirsi, Distt. Uttara Kannada-581401	Karnataka

93	Krishi Vigyan Kendra, At –Tamka Farm, Distt. Kolar	Karnataka
94	Krishi Vigyan Kendra, Zonal Agricultural Reseach Station, Brahmavar, Distt. Udupi-576213	Karnataka
95	Krishi Vigyan Kendra, Mattikipp Village, Baihongal Taluk, Belgaum Distt	Karnataka
96	Krishi Vigyan Kendra Kalaburagi-1 ZARS, Aland Road, Near Aland Checkpost, Kalaburagi 585101	Karnataka
97	Krishi Vigyan Kendra, Ambalavayal, Distt. Wynad-673593	Kerala
98	Krishi Vigyan Kendra Kerala Agricultural University Mele Pattambi (P.O.) Palakkad - 679306	Kerala
99	Krishi Vigyan Kendra, Regional Agricultural Research Station, Kumarakom, Distt.-Kottayam-686566	Kerala
100	Krishi Vigyan Kendra, Sadanandapuram, Distt. Kollam-691550	Kerala

List of ICAR Institutes

S. No.	ICAR Institute	State /UT
1	ICAR-Central Institute for Women in Agriculture, Bhubaneswar	Odisha
2	ICAR-Central Institute of Agricultural Engineering, Bhopal	Madhya Pradesh
3	CAR-Indian Institute of Natural Resins and Gums, Ranchi	Jharkhand
4	ICAR-Indian Institute of Millets Research, Hyderabad	Telangana
5	ICAR-Central Institute for Cotton Research, Nagpur	Maharashtra
6	ICAR-Central Research Institute for Jute & Allied Fibres, Kolkata	West Bengal
7	ICAR-Central Tobacco Research Institute, Rajahmundry	Andhra Pradesh
8	ICAR-Directorate of Groundnut Research, Junagadh	Gujarat
9	ICAR-Directorate of Rapeseed Mustard Research, Bharatpur	Rajasthan
10	ICAR-Indian Agricultural Research Institute, New Delhi	Delhi
11	ICAR-Indian Grassland & Fodder Research Institute, Jhansi	Uttar Pradesh
12	ICAR-Indian Institute of Maize Research, Ludhiana	Punjab
13	ICAR-Indian Institute of Oilseeds Research, Hyderabad	Telangana
14	ICAR-Indian Institute of Pulses Research, Kanpur	Uttar Pradesh
15	ICAR-Indian Institute of Rice Research, Hyderabad	Telangana
16	ICAR-Indian Institute of Seed Science, Mau	Uttar Pradesh
17	ICAR-Indian Institute of Soybean Research, Indore	Madhya Pradesh
18	ICAR-Indian Institute of Sugarcane Research, Lucknow	Uttar Pradesh
19	ICAR-Indian Institute of Wheat and Barley Research, Karnal	Haryana
20	ICAR-National Bureau of Agricultural Insect Resources, Bengaluru	Karnataka
21	ICAR-National Bureau of Plant Genetic Resources, New Delhi	Delhi
22	ICAR-National Institute of Biotic Stress Management, Raipur	Chhatisgarh
23	ICAR-National Research Centre for Integrated Pest Management, New Delhi	Delhi
24	ICAR- ICAR-Indian Agricultural Research Institute, Hazaribagh	Jharkhand
25	ICAR- National Rice Research Institute, Cuttack	Odisha
26	ICAR-Sugarcane Breeding Institute, Coimbatore	Tamil Nadu
27	ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora	Uttarakhand
28	ICAR-Central Inland Fisheries Research Institute, Kolkata	West Bengal
29	ICAR-Central Institute of Brackishwater Aquaculture, Chennai	Tamil Nadu
30	ICAR-Central Institute of Fisheries Education, Mumbai	Maharashtra
31	ICAR-Central Institute of Fisheries Technology, Cochin	Kerala
32	ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar	Odisha
33	ICAR-Central Marine Fisheries Research Institute, Kochi	Kerala

S. No.	ICAR Institute	State /UT
34	ICAR-Directorate of Coldwater Fisheries Research, Bhimtal	Uttarakhand
35	ICAR-National Bureau of Fish Genetic Resources, Lucknow	Uttar Pradesh
36	ICAR-National Research Centre on Seed Spices, Ajmer	Rajasthan
37	ICAR-Central Citrus Research Institute, Nagpur	Maharashtra
38	ICAR-Central Institute for Arid Horticulture, Bikaner	Rajasthan
39	ICAR-Central Institute for Subtropical Horticulture, Lucknow	Uttar Pradesh
40	ICAR-Central Institute of Temperate Horticulture, Srinagar	J&K
41	ICAR-Central Island Agricultural Research Institute, Port Blair	Andaman and Nicobar Island
42	ICAR-Central Plantation Crops Research Institute,	Kerala
43	ICAR-Central Potato Research Institute, Shimla	Himachal Pradesh
44	ICAR-Central Tuber Crops Research Institute,	Kerala
45	ICAR-Directorate of Cashew Research, Puttur	Karnataka
46	ICAR-Directorate of Floricultural Research, Pune	Maharashtra
47	ICAR-Directorate of Medicinal and Aromatic Plants Research, Anand	Gujarat
48	ICAR-Directorate of Mushroom Research, Solan	Himachal Pradesh
49	ICAR-Directorate of Onion and Garlic Research, Pune	Maharashtra
50	ICAR-Indian Institute of Horticultural Research, Bengaluru	Karnataka
51	ICAR-Indian Institute of Oil Palm Research, Pedavegi	Andhra Pradesh
52	ICAR-Indian Institute of Spices Research,	Kerala
53	ICAR-Indian Institute of Vegetable Research, Varanasi	Uttar Pradesh
54	ICAR-National Research Centre for Banana, Tiruchirapalli	Tamil Nadu
55	ICAR-National Research Centre for Grapes, Pune	Maharashtra
56	ICAR-National Research Centre for Litchi, Muzaffarpur	Bihar
57	ICAR-National Research Centre for Orchids, Pakyong	Sikkim
58	ICAR-National Research Centre on Pomegranate, Solapur	Maharashtra
59	ICAR-Indian Institute of Farming Systems Research, Meerut	Uttar Pradesh
60	ICAR-Research Complex for Eastern Region, Patna	Bihar
61	ICAR-Central Agroforestry Research Institute, Jhansi	Uttar Pradesh
62	ICAR-Central Arid Zone Research Institute, Jodhpur	Rajasthan
63	ICAR-Central Coastal Agricultural Research Institute, North Goa	Goa
64	ICAR-Central Research Institute for Dryland Agriculture, Hyderabad	Telangana
65	ICAR-Central Soil Salinity Research Institute, Karnal	Haryana
66	ICAR-Directorate of Weed Research, Jabalpur	Madhya Pradesh
67	ICAR-ICAR Research Complex for NEH Region, Umiam	Meghalaya
68	ICAR-Indian Institute of Soil & Water Conservation, Dehradun	Uttarakhand
69	ICAR-Indian Institute of Soil Science, Bhopal	Madhya Pradesh
70	ICAR-Indian Institute of Water Management, Bhubaneswar	Odisha
71	ICAR-Mahatma Gandhi Integrated Farming Research Institute, Motihari	Bihar

S. No.	ICAR Institute	State /UT
72	ICAR-National Bureau of Soil Survey & Land Use Planning, Nagpur	Maharashtra
73	ICAR-National Institute of Abiotic Stress Management, Baramati	Maharashtra
74	ICAR-National Organic Farming Research Institute, Tadonk, Gangtok	Sikkim
75	ICAR-Indian Agricultural Research Institute, Assam	Assam

List of State Agricultural Universities (SAUs)

S. No.	Agricultural Universities	State/UT
1	Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya (CSKHPKV), Palampur	Himachal Pradesh
2	Punjab Agricultural University (PAU), Ludhiana	Punjab
3	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu (SKUAST-Jammu), Jammu	Jammu & Kashmir
4	G. B. Pant University of Agriculture and Technology (GBPUAT), Pantnagar	Uttarakhand
5	MaharanaPratap University of Agriculture and Technology (MPUAT), Udaipur	Rajasthan
6	Chaudhary Charan Singh Haryana Agricultural University (CCS HAU), Hisar	Haryana
7	Sardar Vallabhbhai Patel University of Agriculture and Technology (SVPUA&T), Meerut	Uttar Pradesh
8	Acharya Narendra Deva University of Agriculture & Technology (ANDUAT), Ayodhya	Uttar Pradesh
9	Dr. Rajendra Prasad Central Agricultural University (RPCAU), Samastipur	Bihar
10	Bihar Agricultural University (BAU), Sabour	Bihar
11	Birsa Agricultural University (BAU), Ranchi	Jharkhand
12	Odisha University of Agriculture and Technology (OUAT), Bhubaneswar	Odisha
13	Bidhan Chandra Krishi Viswavidyalaya (BCKV), Mohanpur	West Bengal
14	Assam Agricultural University (AAU), Jorhat	Assam
15	Central Agricultural University (CAU), Imphal	Manipur
16	Dr. PanjabraoDeshmukh Krishi Vidyapeeth (PDKV), Akola	Maharashtra
17	Anand Agricultural University (AAU), Anand	Gujarat
18	Junagadh Agricultural University (JAU), Junagarh	Gujarat
19	Jawaharlal Nehru Krishi VishwaVidyalaya (JNKVV), Jabalpur	Madhya Pradesh
20	Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur	Chhattisgarh
21	Acharya N. G. Ranga Agricultural University (ANGRAU), Guntur	Andhra Pradesh
22	Tamil Nadu Agricultural University (TNAU), Coimbatore	Tamil Nadu
23	Kerala Agricultural University (KAU), Thrissur	Kerala
24	University of Agricultural Sciences (UAS) Raichur	Karnataka
25	University of Horticultural Sciences (UHS), Bagalkot	Karnataka
