

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION

LOK SABHA
UNSTARRED QUESTION NO. 4392
TO BE ANSWERED ON 23/03/2021

**AGRICULTURE RESEARCH CENTRES AND
DEVELOPMENT INSTITUTES**

4392. SHRI HEMANT TUKARAM GODSE:

Will the Minister of AGRICULTURE AND FARMERS WELFARE
कृषि और किसान कल्याण मंत्री be pleased to state:

- (a) whether Agriculture Research Centres and Development Institutes are working for the development of agriculture sector in Maharashtra;
- (b) if so, the details thereof, location-wise;
- (c) whether the said agriculture research centres and development institutions have undertaken agriculture developmental works during the last three years along with the details thereof; and
- (d) the extent to which growth in agricultural sector was achieved by the said developmental works?

A N S W E R

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND
FARMERS WELFARE

कृषि और किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

(a) & (b): Yes, Sir. Indian Council of Agricultural Research (ICAR) has established various Research Institutes, Centres, Coordinated Research Projects and Krishi Vigyan Kendras (KVKs) for Agriculture Research, Education and Extension in Maharashtra. Details are given in **Annexure-I**.

(c) & (d): ICAR research institutes and KVKs located in the State of Maharashtra are working for improving the production and productivity of various agricultural commodities. The issues of farmers are addressed by these research institutes and KVKs located in the State. The details are given in **Annexure II**.

List of ICAR Institutes, ATARIs and KVKs in Maharashtra

S. No.	Name & address of Institute
1.	ICAR-Central Institute for Research on Cotton Technology Mantunga, Mumbai-400019 Maharashtra
2.	ICAR-Central Institute for Cotton Research Shankarnagar P.O., Nagpur-440010 Maharashtra
3.	ICAR-Central Institute of Fisheries Education Panch Marg, off Yari Road, Versova, Andheri (West), Mumbai-400061 Maharashtra
4.	ICAR-Directorate of Floricultural Research College of Agriculture Campus, Shivaji Nagar, Pune-411 015 Maharashtra
5.	ICAR-Directorate of Onion and Garlic Research Pune-Nasik Highway No-50, Rajgurunagar, Pune-410505, Maharashtra
6.	ICAR-National Research Centre for Grapes Manjri Farm Post, Solapur Road, Pune-412307, Maharashtra
7.	ICAR-National Research Centre on Pomegranate PB No.3, Manjri Farm Post, Solapur Road, Pune-412307, Maharashtra
8.	ICAR-National Bureau of Soil Survey & Land Use Planning Nagpur-440 033 Maharashtra
9.	ICAR-National Institute of Abiotic Stress Management, Malegaon Baramati-413115, Pune, Maharashtra
ICAR- Agricultural Technology Application Research Institute (ATARI)	
1.	ICAR- Agricultural Technology Application Research Institute, Zone-VIII, College of Agriculture Campus, Shivajinagar, Pune, Maharashtra
All India Coordinated Research Projects (AICRPs)	
1	AICRP on Floriculture, ICAR-Directorate of Floricultural Res., College of Agri. Campus, Shivaji Nagar, Pune-411015
2	AICRP on Onion and Garlic, Rajgurunagar, Pune-410505
Regional Research Stations of ICAR Research Institutes	
1	CIRCOT Ginning Training Centre, Amravati Road, Wadi, Nagpur-440023
2	Indian Veterinary Research Institute, Training & Education Centre, Pune
3	IARI Regional Station, Pune, Agriculture College Estate, Post Shivajinagar, Pune-411005
4	Indian Institute of Sugarcane Research, Biological Control Lab, Pravaranagar- 413712
5	National Bureau of Plant Genetic Resources (ICAR-NBPGR), Regional Station Akola, Opp. PKV Campus, Akola-444104
6	Mumbai Research Centre of CIFT, CIDCO Administrative Building Ground Floor, Sector 1 Vashi, Navi Mumbai 400 703
7	Mumbai Research Centre of CMFRI C/o Central Institute of Fisheries Education (Old Campus) Fisheries University Road, Seven Bungalows, Versova Mumbai-400 061
8	Centre on Rabi Sorghum, NH-9, Bypass Road, Shelgi, Sholapur (MS)

Krishi Vigyan Kendras

1.	Krishi Vigyan Kendra, PO. Selsura, Distt. Wardha-422 001
2.	Krishi Vigyan Kendra, PO. Kosbad Hill, Distt. Thane-401703
3.	Krishi Vigyan Kendra, Paithan Road, Distt. Aurangabad-431 005
4.	Krishi Vigyan Kendra, PO.Shirgaon, Distt. Ratnagiri-415 629
5.	Krishi Vigyan Kendra, Parola Road, Distt. Dhule-424004
6.	Krishi Vigyan Kendra, PO. Pal, Tal. Raver Distt. Jalgaon-425 508
7.	Krishi Vigyan Kendra, Post Box No:28, PO. Ambajogai, Distt. Beed-431 517
8.	Krishi Vigyan Kendra, PO. Kalwade, Tal. Karada, Distt. Satara-415110
9.	Krishi Vigyan Kendra, Sharda Nagar, Malegaon Colony, PO. Baramati, Distt. Pune-413115
10.	Krishi Vigyan Kendra, PO Babhleshwar, Tal. Rahata. Distt. Ahmednagar-413 737
11.	Krishi Vigyan Kendra, PO. Kanchanpur, Tal. Miraj Distt. Sangli-416 306
12.	Krishi Vigyan Kendra, Kharpudi Post Box No: 45, Distt. Jalna-431 203
13.	Krishi Vigyan Kendra, Post Box No. 2, Post Shankar Nagar, Distt. Nagpur-440 010
14.	Krishi Vigyan Kendra, Dnyanagangotri, Near Gangapur Dam, Distt. Nashik-422 222
15.	Krishi Vigyan Kendra, P.B.No. 33, Jitur Road, Distt. Parbhani-431401
16.	Krishi Vigyan Kendra, PO. Talasade, Tal.Hathkangale Distt. Kolhapur-416 112
17.	Krishi Vigyan Kendra, PO. Jalgaon, Jamod, Distt. Buldana-443402
18.	Krishi Vigyan Kendra, Pokharni Phata Purana Road, PO. Limbgaon, Distt. Nanded-431602
19.	Krishi Vigyan Kendra, Gate No: 52/1/B, At: Khed, PO. Kegaon, Barshi Road, Distt. Solapur 413001
20.	Krishi Vigyan Kendra, PO. Risod, Loni Road Distt. Washim-444 506
21.	Krishi Vigyan Kendra, "Chirantan" Madhuban Colony, Camp, Distt. Amaravati 444 602
22.	Krishi Vigyan Kendra, Akola, PO.Badnera (Durgapur) Amravati-444 701
23.	Krishi Vigyan Kendra, PO. Kirol, Tal. Malvan Distt. Sindhudurg-416 616
24.	Krishi Vigyan Kendra, PO. Sindewahi, Distt. Chandrapur-441222
25.	Krishi Vigyan Kendra, PO. Sakoli, Distt. Bhandara -441802
26.	Krishi Vigyan Kendra, Tondapur, PO. Waranga Tal. Kalamnuri, Distt. Hingoli-431 701
27.	Krishi Vigyan Kendra, At & PO. Kolde, Distt. Nandurbar-425412
28.	Krishi Vigyan Kendra, Waghapur Road, PO. & Distt. Yavatmal-445001
29.	Krishi Vigyan Kendra, Hiwara, Post Ratnara, Distt. Gondia-441614, Maharashtra
30.	Krishi Vigyan Kendra, PO. Sonapur, Distt. Gadchiroli 442 605
31.	Krishi Vigyan Kendra, Ausa Road, PO.Tuljapur Distt. Osmanabad-413601
32.	Krishi Vigyan Kendra, PO. KarjAt.410201, Distt. Raigarh, Maharashtra
33.	Krishi Vigyan Kendra, Chincholirao Wadi, C/o Abhinav College, MIDC, Distt. Latur-413512, Maharashtra,
34.	Krishi Vigyan Kendra, Gramonnati Mandal, Village Narayangaon, Tal.Junnar, Distt. Pune- 410504, Maharashtra
35.	Krishi Vigyan Kendra, Village Sisa (Udegaon), Taluka & District Akola, Maharashtra
36.	Krishi Vigyan Kendra, Agricultural Technical School, At Post Borgaon, Tq. & Distt. Satara, Maharashtra

37.	Krishi Vigyan Kendra, Agricultural (Oilseed) Research Station, Mamurabad Farm, Distt. Jalgaon, Maharashtra
38.	Krishi Vigyan Kendra, Agriculture Research Station, Buldhana, Distt. Buldhana, Maharashtra
39.	Krishi Vigyan Kendra, Khamgaon village, Georai taluka Distt. Beed, Maharashtra,
40.	Krishi Vigyan Kendra Vellage Vadel, Taluka Malegaon District Nashik, Maharashtra
41.	Krishi Vigyan Kendra, Distt.Solapur, Maharashtra
42.	Krishi Vigyan Kendra, District Aurangabad, Maharashtra
43.	KrishiVigyan Kendra, Vill. Sagroli, Taluka Biloli, Distt. Nanded (Maharashtra)
44.	Krishi Vigyan Kendra, Dahigaon Village, Shevagaon, Distt. Ahmednagar (Maharashtra).
45.	Krishi Vigyan Kendra, Vill. Sangvi (Railway) Tq. Darwha, Distt. Yavatmal, Maharashtra.
46.	Krishi Vigyan Kendra, Village Badnapur, Tq. Badnapur, Distt. Jalna, Maharashtra
47.	Krishi Vigyan Kendra, Village Kaneri, Karveer Taluk, Distt. Kolhapur, Maharashtra
48.	Krishi Vigyan Kendra, Village Tadsar, Tq. Kadegaon, Distt. Sangli, Maharashtra.
49.	Krishi Vigyan Kendra, Village Dudhbardi, Tq. Kalmeshwar, Distt. Nagpur, Maharashtra

**Major agriculture developmental works undertaken by ICAR Institutes/KVKs
during last three years**

- ICAR Institutes and research centres have developed a total of 369 varieties for Maharashtra since May 2014 till date. These varieties comprise of 168 Cereals (56 of Rice, 19 of Wheat, 47 of Maize, 20 of Sorghum 19 of Pearl Millet, 4 of Finger Millet, 3 of Small Millet); 53 of Oilseeds (4 of Linseed, 6 of Safflower, 26 of Soybean, 9 of Groundnut, 1 of Castor, 2 of Sesame, 1 of Niger; 4 of Sunflower; 33 of Pulses (1 of Urd bean, 2 of Pigeon pea, 2 of Cowpea, 2 of Rajmash, 2 of Mungbean, 3 of Horse gram, 13 of Chickpea, 6 of Lentil, 2 of Field pea; 37 of Forage crops (1 of Forage Pearl Millet, 9 of Forage Sorghum, 11 of Oats, 2 of Lucerne, 1 of Berseem, 3 of Marvel grass, 2 of Anjan grass, 5 of Napier Bajra Hybrid, 1 of Bundel Bajra Squamulatum, 1 of Jawahar Vicia and 1 of Aparajita; 65 of Fiber crops (27 of Cotton, 28 of Bt Cotton, 2 of Jute, 3 of Kenef, 4 of Mesta, 1 of Roselle; 11 of Sugarcane and 2 of other crops (Grain Amaranth).
- The National Bureau of Soil Survey & Land Use Planning (NBSS&LUP), Nagpur has developed land resource inventory of 27 aspirational districts of the country including Maharashtra.
- The NBSS&LUP has undertaken land resource inventory of 500 villages of Maharashtra for agricultural development planning under Project on Climate Resilient Agriculture.
- The National Institute of Abiotic Stress Management (NIASM), Baramati institute has developed technology to convert the barren rocky land of Maharashtra into productive agriculture land introducing dry land fruit crops.
- NIASM developed a machine for management of sugarcane trash, which is being popularized in the sugarcane cultivated areas of Maharashtra.
- The technology developed by NIASM for dragon fruit cultivation is being popularized to enhance the income of marginal and resource poor farmers in the water scarcity zones of Maharashtra.
- ICAR-Central Institute of Fisheries Education (CIFE) is offering PG & Ph.D. courses in 11 disciplines of fisheries science and also conducts training and capacity building programmes for different levels of officials from state fisheries departments and farmers. The institutes provide technical support and advisory to the farmers. The CIFE also conducts need based research for inland and saline water aquaculture. The Institute has also developed model for livelihood support of the fishermen through reservoir fisheries development extending technologies such as pen & cage culture, ornamental fish culture and value addition.
- Mumbai Research Centre of CMFRI is addressing research related to assessment and management of marine fish resources of Maharashtra. The center works on sustainable development of marine fisheries in Maharashtra, through conservation programmes, communication on PFZ, warnings, advisories on jelly fish, sting ray and marine mammals. The centre had also carried out systematic Marine Fisheries Census.
- Mumbai Research Centre of CIFT is supporting fish industry on post harvest utilization of fish. Conducted survey on the craft and gears used in Maharashtra. The centre has developed energy efficient postharvest technologies. Developed nutraceutical, value added products from fish and processing wastes. The Centre is involved in providing technical consultancies & analytical services to the seafood industry and imparting training for fishermen community on various aspects harvest & post-harvest technologies.
- Fisheries Research Institutes of ICAR located at other locations such as Central Institute of Brackishwater Aquaculture (CIBA), Chennai and National Bureau of Fish Genetic Resources (NBFGR), Lucknow are also undertaking societal development work through the Mangrove Foundation in the state of Maharashtra.

- ICAR-CIBA is technically supporting farmers for coastal aquaculture and cage culture in Sindhudurg, Ratnagiri, Raigad, Thane, Palghar Districts of Maharashtra. GIS based mapping for suitable sites for brackish water aquaculture in Maharashtra coast.
- ICAR-NBFGR has been popularizing of breeding and rearing of ornamental fishes as a livelihood support through extending hands-on training to the beneficiaries of coastal Maharashtra.
- Organized 10 training programmes on goat rearing and backyard poultry farming for livelihood support benefitting 1238 ST and SC farmers and 65 ST and SC farmers provided goat/poultry birds and feed.
- Nine workshops/interface meets organized for dissemination of technology which was attended by 624 participants (state animal husbandry officers, farmers and entrepreneurs).
- During last three years, the KVKs of Maharashtra conducted 8906 On Farm Trials and 30747 Frontline Demonstrations (FLDs); trained 2.79 lakh farmers and 0.30 lakh extension personnel; produced 11547.02 tonnes quality seeds of different field crops, 363.04 lakh quality planting materials of different field crops and 8.84 lakh quality live-stock strains and fingerlings; and tested 6.12 lakh soil, water, plant and manures samples. Besides, 65.26 lakh farmers participated in the various extension programmes organized by the KVKs and 80.48 lakh farmers were benefitted by the agro-advisories sent by KVKs on their mobiles. The year wise details of achievements of KVKs of Maharashtra during last three years are given in Annexure-II. As a results of FLDs on farmers' fields, the increase in yield over farmers' practice was 16.72 to 67.65 % in pulse crops; 13.80 to 39.49 % in oilseed crops; 10.85 to 46.77 % in cereal crops; and 10.62 to 30.44 % in commercial crops in Maharashtra State.
