

Ongoing information of Ad-hoc/Network/ Collaborative Research

S. N.	Name of Department /Title of project	Funding Agency
1.	Creation of seed hub for increasing indigenous production of pulses in India.	Ministry of Agri., Dept of Agri. and Co- operation, GoI, New Delhi
2.	Characterization of Chickpea Germplasm resource to accelerate genomics-assisted crop improvement.	DBT, GoI, New Delhi
3.	Development of Drought Tolerant Varieties/ Genotypes in Chickpea.	CM Fund, Govt. of M.S.
4.	DUS testing of chickpea.	ICAR, New Delhi
5.	Establishment of State level Gene Bank.	Govt. of M.S.
6.	Establishment of Model Genome club project.	RKVY
7.	Germplasm characterization and trait discovery in Wheat using genomic approaches and its integration for improving Climate Resilience, Productivity and Nutritional Quality.	DBT, GoI, New Delhi
8.	Spectral response based breeding in different crops for screening of genotypes for biotic and abiotic stresses.	RGSTC, Govt. of M.S.
9.	Exploitation of Genetics and Genomic Resources for improvement of Niger Through Breeding and Biotechnological Tools.	DBT, GoI, New Delhi
10.	Strengthening of Research for Sustainable Yield and Value addition in Soybean” at Agricultural Research Station, Kasbe Digraj, Sangli.	CM Fund, Govt. of M.S.
11.	“Strengthening of Research for Sustainable Production of Groundnut” at Agricultural Research Station, Kasbe Digraj, Sangli.	CM Fund, Govt. of M.S.
12.	Genetic improvement of soybean cultivar “Phule Agrani” (KDS 344) for yellow mosaic virus resistance by induced mutation.	CM Fund, Govt. of M.S.
13.	Exploiting genetic diversity for improvement of Safflower through genomic assisted discovery of QTLs/ genes associated with agronomic traits.	DBT, GoI, New Delhi
14.	Strengthening of Oilseed Research Station, Jalgaon.	CM Fund, Govt. of M.S.
15.	Introgression of Bt. (BGII) Gene to Cotton Germplasm for Development of Straight Bt. Varieties of Cotton.	CM Fund, Govt. of M.S.
16.	Awareness and extension services on best farm practices for cotton farmers to improve quality yield and sustainability.	Cotton Corporation of India (CCI)

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17.	DUS Testing of cotton.	PPV&FRA, New Delhi
18.	Development of high yielding & nutritive <i>rabi</i> sorghum varieties suitable for mechanical harvesting.	CM Fund, Govt. of M.S.
19.	DUS Testing of Sorghum.	ICAR, New Delhi
20.	Developing moisture stress (drought) and salinity tolerant sugarcane genotypes for Maharashtra.	CM Fund, Govt. of M.S.
21.	Bamboo Plantation Project.	Maharashtra Bamboo Development Board, Nagpur
22.	Establishment of Strawberry Research Station at Mahabaleshwar (RKVY).	RKVY
23.	Active Edible Coatings to improve storability of a fresh agricultural products.	RGSTC Mumbai
24.	Establishment of model Nursery of Custard apple and Fig.	DFR, Govt. of M.H.
25.	Establishment of Hydroponics technology Training and Extension Center at Rajashree Chhatrapati Shahu Maharaj College, Kolhapur.	DPDC, Kolhapur
26.	Pilot project for crop diversification.	ICAR, New Delhi
27.	Organic farming: Research and Training centre.	Govt. of Maharashtra
28.	Research and Development in Jaggery process and product development.	RGSTC Mumbai
29.	Estimation of potassium requirement along with secondary nutrients with Poly-4 for Sugarcane and Cotton crop under pressurized irrigation in Vertisols.	Sirius Minerals India Pvt. Ltd.
30.	Production and post harvest value chain of millets for sustainable growth of farmers.	RKVY
31.	Development of Compost Enrichment Technology (DCET).	RGSTC Mumbai
32.	Evaluation of cane productivity sugar recovery SOC-sequestration and soil health under conservative sugarcane management system in semi-arid tropical environments of different sugar recovery zones of Maharashtra.	RGSTC Mumbai
33.	Crop pest surveillance and advisory project in Maharashtra (CROPSAP).	Govt. of M.S.
34.	Trainings on Scientific Beekeeping, Development of Quality Nucleus Stock centre and Plantation of Bee Friendly Plants/Flora etc. in Western Maharashtra.	National Bee Board, GoI, New Delhi
35.	Evaluation of Bioefficacy and phytotoxicity of FIN-021-01 against major lepidopteron and sucking pest on Pomegranate.	FMC India Pvt. Ltd., Mumbai

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36.	Advancement of Research in Pesticide Residues to meet the International Requirements.	CM Fund, Govt. of M.S.
37.	Establishment and Development of Innovative unit of Biopesticide and Biofertilizers.	DPDC, Nasik
38.	Horticulture Crop Pest Surveillance and Advisory Project (HORTSAP).	Govt. of M.S.
39.	Establishment of Plant Disease Diagnostic Centre at Regional Wheat Rust Research Station, Mahabaleshwar.	CM Fund, Govt. of M.S.
40.	Strengthening of soil Microbiology laboratory at Zonal Agriculture Research Station, Solapur for commercial production of Phule trichoderma plus and decomposing culture.	RKVY
41.	National Initiative on Climate Resilient Agriculture, Agro-advisories and assessment of vulnerable areas of major food crop production (NICRA).	ICAR, New Delhi
42.	FASAL-Forecasting agricultural output using space, Agro metrology and Land based observations.	ICAR, New Delhi
43.	GKMS-Gramin Krishi Mousam Sewa, Pune.	ICAR, New Delhi
44.	GKMS-Gramin Krishi Mousam Sewa, Rahuri.	ICAR, New Delhi
45.	GKMS -Gramin Krishi Mousam Sewa, Kolhapur.	ICAR, New Delhi
46.	GKMS -Gramin Krishi Mousam Sewa, Igatpuri.	ICAR, New Delhi
47.	ICAR Farmers First.	ICAR, New Delhi
48.	Ameliorating crop protection, crop production and productivity by nanotechnology application.	CM Fund, Govt. of M.S.
49.	Metabolomics profiling for knowledge based breeding of crop plants.	CM Fund, Govt. of M.S.
50.	Biochemical studies for extending shelf life of sugarcane juice with different packaging material.	RGSTC Mumbai
51.	Indigenous (<i>Desi</i>) Cattle Research-cum-Training Centre (ICRTC-Pune).	Govt. of M.S.
52.	Response of animals in different environmental conditions and strategies for better adaptation and mitigation under sustainable livestock farming.	RGSTC Mumbai
53.	Strengthening of Indigenous Cow project at College of Agriculture, Pune.	Govt. of M.S.
54.	Enhancing economic water productivity in irrigation canal commands.	ICAR, New Delhi

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55.	IoT Enabled Sensor Based Smart Irrigation Management System. Consortia.	ICAR, New Delhi
56.	Demonstration, training and evaluation of MPKV (RKVY and CAAST) developed IoT based irrigation management technologies.	RGSTC Mumbai
57.	The Phule Baliraja Mobile and web based agro advisory platform application.	GIZ
58.	Automated Canal Irrigation System for efficient and smart irrigation water management.	ICAR, New Delhi
59.	Establishment of the Centre of Excellence on Digital Technologies for Smart and Precision Agriculture.	Govt. of M.S.
60.	Determination of crop coefficient for major crops by Lysimetric studies. Consortia.	PoCRA, GoM, Mumbai
61.	Study on determining storage losses of pulses stored in warehouses and to recommend norms for loss/gain during long term storage.	ICAR, New Delhi
62.	Development of relationship between sediment loss and carbon loss from watershed.	Govt. of M.S.
63.	Climate smart watershed strategies for carbon sequestration in the watershed.	IWMI, New Delhi
64.	Standardizing drones spraying protocols for various inputs in selected field crops (Soyabean, peagen pea, chickpea, wheat and sugarcane).	M/S Fowler Westrup Pvt. Ltd. Bangluru
65.	Development and Performance analysis of Solar powered Agril. Machine for small farmer.	RGSTC Mumbai
66.	Development of methodology for irrigation water management for sugarcane crop using ground/drone/ satellite based spectral data.	RGSTC Mumbai
67.	Precision Farming Development Centre at Deptt. of Irrigation and Drainage Engineering, Dr. ASCAE&T, MPKV Rahuri.	NCPAH, Delhi
68.	Strengthening of Research on Reclamation of Salt Affected Soils at Agricultural Research Station, Kasbe Digraj (Sangli).	CM Fund, Govt. of M.S.
69.	Irrigation bench marking, irrigation system efficiency and water use efficiency and irrigation management in Pench project.	World Bank through National Hydrology Project, New Delhi
70.	Solar powered central pivot irrigation system (SPCPIS) for climate smart agriculture.	RKVY