

**MINISTRY OF AGRICULTURE AND FARMERS WELFARE SPNSORED
RESEARCH PROGRAMMES**

Sr. No.	Brief Overview
1.	Title: Farmer Producer Organization
	Name of PI/Nodal Officer: Dr. P.P. Rohilla, PS (LPM)
	Objectives: 1. To provide holistic and broad based supportive ecosystem to form new 10,000 FPOs to facilitate development of vibrant and sustainable income oriented farming and for overall socio-economic development and wellbeing of agrarian communities 2. To enhance productivity through efficient, cost-effective and sustainable resource use and realize higher returns through better liquidity and market linkages for their produce and become sustainable through collective action 3. To enhance the capacity building of scientists and other 4. To provide handholding and support to new FPOs up to 5 years from the year of creation in all aspects of management of FPO, inputs, production, processing and value addition, market linkages, credit linkages and use of technology etc. in climate resilient agriculture demonstration and its application 5. To provide effective capacity building to FPOs to develop agriculture entrepreneurship skills to become economically viable and self-sustaining beyond the period of support from government
	Partner Institutes: KVKs of Rajasthan: Jalore, Barmer and Sriganganagar KVKs of Haryana: Ambala, Fatehabad and Rewari
2.	Title: Agriculture Skill Council of India
	Name of PI/Nodal Officer: Dr. P.P. Rohilla, PS (LPM)
	Objectives: 1. Domain specific, demand led and employment oriented skill training 2. Duly assessed and certified skill training 3. Training to get wage/self-employment 4. Training to increase earnings and improved working conditions 5. Training for moving candidates from informal to formal sector jobs
	Partner Institutes: Ajmer, Pali-I, Hanumangarh-I, Jhalawar, Sikar-I and Karauli

3.	Title: Cluster Frontline Demonstrations on Oilseeds under National Mission on Edible Oils–Oilseeds
	Name of PI/Nodal Officer: Dr. M.S. Meena, PS (Agril. Extension)
	Objectives: 1. Harness innovations: Utilizing already available and early-maturing innovations and technological breakthroughs for addressing the yield gap 2. Accelerate dissemination: Promoting the rapid dissemination of improved seed varieties (released in the last five years) and technologies within crop-specific clusters involving cooperatives, FPOs, and the private sector 3. Targeting expansion: Encouraging the expansion of oilseed cultivation in fallow areas, especially in eastern states, and promoting intercropping through demonstrations 4. Increasing availability of improved seeds: Addressing deficiencies in the seed production and distribution system to ensure availability and accessibility of quality seeds 5. Enhance market access: Linking oilseed farmers and value chain partners (VCPs) with processors to improve their market access and ensure better returns 6. Support extraction and collection of secondary oilseeds: Bolstering the production of secondary oilseeds and Tree Borne Oils (TBOs) through targeted interventions
	Partner Institutes: KVKs of Rajasthan: Ajmer, Alwar-I, Alwar-II, Banswara, Baran, Barmer-I, Barmer-II, Bharatpur, Bhilwara-I, Bhilwara-II, Bikaner-I, Bikaner-II, Bundi, Chittorgarh, Churu-I, Churu-II, Dausa, Dholpur, Dungarpur, Hanumangarh-I, Hanumangarh-II, Jaipur-I, Jaipur-II, Jaisalmer-I, Jaisalmer-II, Jalore-I, Jalore-II, Jhalawar, Jhunjhunu, Jodhpur-I, Jodhpur-II, Karauli, Kota, Nagaur-I, Nagaur-II, Pali-I, Pali-II, Pratapgarh, Rajsamand, Sawai Madhopur, Sikar-I, Sikar-II, Sirohi, Sri Ganganagar, Tonk, Udaipur-I and Udaipur-II. KVKs of Haryana: Ambala, Bhiwani, Faridabad, Fatehabad, Gurugram, Hisar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panipat, Rewari, Rohtak, Sirsa, Sonapat and Yamuna Nagar. KVK of Delhi: New Delhi (Ujwa)
4.	Title: Attracting and Retaining Youth in Agriculture (ARYA)
	Name of PI/Nodal Officer: Dr. M.S. Meena, PS (Agril. Extension)
	Objectives:

	1. To attract and empower the youth in rural areas to take up various agriculture allied and service sector enterprises for sustainable income and gainful employment in selected districts 2. To enable the farm youth to establish network groups to take up resource and capital-intensive activities like processing, value addition, and marketing 3. To demonstrate functional linkage with different institutions and stakeholders for the convergence of opportunities available under various schemes and programs for the sustainable development of youth
	Partner Institutes: KVKs of Rajasthan: Banswara, Jaipur-I, Bundi, Jhalawar, Udaipur-I, Alwar-I and Barmer-II KVKs of Haryana: Gurugram, Mahendragarh and Ambala
5.	Title: Kisan Sarathi 2.0: Enhancement, Operations, Maintenance & Support Name of PI/Nodal Officer: Dr. M.S. Meena, PS (Agril. Extension) Objectives: 1. Empowering farmers with localized advice 2. Improving decision-making and resilience 3. Bridging the gap between farmers and scientists 4. Catering to marginalized farmers 5. Creating a robust knowledge repository 6. Enhancing operational efficiency 7. Integrating crucial data Partner Institutes: Rajasthan: All 47 KVKs Haryana: All 18 KVKs Delhi: 1
6.	Title: Cluster Frontline Demonstrations of Pulses under National Food & Nutrition Security Mission Name of PI/Nodal Officer: Dr. B.L. Jangid, PS (Agril. Extension) Objectives: 1. Increasing production of pulses through area expansion and productivity enhancement in a sustainable manner in the identified districts of the country 2. Ensure food and fodder security, area expansion and productivity enhancement of food crops including dual purpose coarse cereals 3. Restoring soil fertility and productivity at the individual farm level

	4. Creation of employment opportunities 5. Enhancing farm level economy (i.e. Farm profits) to restore confidence amongst the farmers with increasing Seed Replacement Rate (SRR) under pulses crop
	Partner Institutes: KVKs of Rajasthan: Bhilwara-I, Bhilwara-II, Bundi and Swai Madhopur
7.	Title: Ensuring pulses Sufficiency in India by capitalizing the Model Pulse Village approach
	Name of PI/Nodal Officer: Dr. B.L. Jangid, PS (Agril. Extension)
	Objectives: 1. To identify the farmer preferred pulses varieties across the Identified districts of India 2. Creating awareness and enhancing the capacities of pulse growers related to improved pulse production technologies for income augmentation 3. Strengthening the informal and formal pulses seed system for ensuring in the availability of quality seed of pulse crops by establishment of Model Pulse Villages for economic empowerment of youth 4. Analyzing the outcome of technological interventions in the Model Pulse Villages
	Partner Institutes: KVKs of Rajasthan: Udaipur-I, Jhalawar, Baran, Bundi and Sawai Madhopur
8.	Title: Awareness and Demonstrations for Popularization of Fermented Organic Manure (FOM)/Liquid FOM through Krishi Vigyan Kendras (KVKs)
	Name of PI/Nodal Officer: Dr. H.N. Meena, PS (Agronomy)
	Objectives: 1. To create awareness about FOI\4/LFOM amongst farmers; and conducting FOM demonstrations/pilot study at KVK farm and farmers' field 2. To assess the impact of FOM application on the soil health, crop performance and farm profitability 3. To analyze the adoption behavior and opinion of farmers about field applicability of FOM in the selected districts
	Partner Institutes: KVKs of Rajasthan: Ajmer, Bhilwara-I, Bhilwara-II, Dungarpur, Shriganganagar, Dausa, Jaipur-II, Jalore-I, Jalore-II, Jhunjhunu, Kota, Partapgarh, Rajsamand and Udaipur-II KVKs of Haryana: Bhiwani, Gurugram, Jind. Hisar, Karnal, Kaithal, Kurukshetra, Panipat, Rohtak, Sonapat and Yamunanagar

9.	Title: Promotion of agricultural mechanization for In-situ management of crop residue in the state of Punjab, Haryana, Uttar Pradesh and NCT of Delhi
	Name of PI/Nodal Officer: Dr. H.N. Meena, PS (Agronomy)
	Objectives: 1. Promoting In-situ management of crop residue by retention and incorporation into the soil through the use of appropriate machines and equipment's 2. Motivating farmers for zero burning through demonstrations and capacity building activities 3. Creating awareness among all stakeholders through intensive campaign by information, education and communication strategies
	Partner Institutes: KVKs of Haryana: Ambala, Bhiwani, Fatehabad, Hisar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Panipat, Rohtak, Sirsa, Sonipat and Yamunanagar KVK of Delhi: Delhi
10.	Title: Establishment of District Agro-Met Units(DAMU) at district level in Krishi Vigyan Kendras (KVKs) under the Project Gramin Krishi Mausam Sewa (PI)
	Name of PI/Nodal Officer: Dr. H.N. Meena, PS (Agronomy)
	Objectives: 1. Establishment of Agro Weather Stations 2. Preparation and Dissemination of District and Sub-district Agromet Advisories 3. Generate Specific Advisories for Agricultural Management
	Partner Institutes: KVKs of Rajasthan: Jaisalmer-I, Dholpur, Sirohi, Jalore-I and Karauli, KVKs of Haryana: Kurukshetra, Sonipat, Yamunanagar, Gurugram, Bhiwani, Fatehabad, Jind Panipat and Rohtak
11.	Title: National Mission on Natural Farming
	Name of PI/Nodal Officer: Dr. H.N. Meena, PS (Agronomy)
	Objectives: 1. To promote nature based sustainable systems of farming, having on farm inputs thus reducing dependency with externally purchased inputs, improved soil health and input cost reduction 2. To popularize livestock (preferably local breed of cow) integrated agriculture-animal husbandry models 3. To strengthen on-farm agro ecological research and knowledge based extension capacities of ICAR institutions, KVKs, Agricultural Universities, etc

	4. To bring together and learn from on-field experience of practicing NF farmers and scientific expertise for improved knowledge and orientation on the benefits, potential and methodology of NF, thereby, evolve & improvise location specific NF package of practices for increased adoption and promotion of NF 5. To establish scientifically supported common standards and easy farmer friendly certification procedures for naturally grown chemical-free produce 6. To create and promote a single national brand for naturally grown chemical-free produce Partner Institutes: KVKs of Rajasthan: Sriganganagar, Karauli, Dausa, Baran, Rajsamand, Sawai Madhopur, Ajmer, Dholpur, Alwar I, Alwar II, Jaisalmer I, Jaisalmer II, Nagaur I, Nagaur II, Dungarpur, Chittorgarh, Kota, Bundi, Jhalawar, Bhilwara I, Bhilwara II, Pali I, Pali II, Tonk, Jaipur I, Jaipur II, Churu I, Churu II, Barmer I, Barmer II, Jhunjhunu, Sirohi, Hanumangarh I, Hanumangarh II, Bharatpur, Jalore I, Jalore II, Bikaner I, Bikaner II, Banswara, Jodhpur I, Jodhpur II, Udaipur I, Udaipur II, Sikar I, Sikar II and Pratapgarh KVKs of Haryana: Bhiwani, Jind, Rewari, Fatehabad, Kaithal, Mahendergarh, Panipat, Rohtak, Sonapat, Yamunanagar, Panchkula, Ambala, Kurukshetra, Sirsa, Jhajjar and Faridabad KVK of Delhi: Ujwa
12.	Title: Agri-Drone Project Name of PI/Nodal Officer: Dr. Ganga Devi, SS (Agril. Economics) Objectives: 1. To promote precision farming by making drones more affordable 2. To procure drones and conduct large-scale field demonstrations Partner Institutes: Rajasthan: KVK-Barmer-II, KVK-Bhilwara-I, KVK-Jhunjhunu, KVK-Tonk, KVK-Pali-I, CAZRI-Jodhpur, DRMR-Bharatpur, NRCSS-Ajmer, CIAH-Bikaner, AU Kota and MPUAT Udaipur Haryana: KVK-Ambala, KVK-Gurugram, KVK-Mahendargarh, KVK-Sonapat, CSSRI-Karnal, IIWBR-Karnal, NDRI-Karnal, CCSHAU Hisar and MHU Karnal Delhi: KVK-Delhi, NCIPM-New Delhi, IARI-New Delhi, IASRI-New Delhi and NBPGRI-New Delhi