

**ICAR- Indian Institute of Oilseeds Research
Hyderabad, Telangana**

Reply to the RTI query of Shri Shrikrushna Baburao Nimbalkar from Solapur (Maharashtra)

1. How many schemes are available for farmers that is relevant with agriculture and allied sectors of agriculture with brief description

The following schemes are being operated by this Institute for farmers

1. ICAR- Indian Institute of Oilseeds Research located at Hyderabad, Telangana is conducting research on sunflower, safflower, castor, and sesame with the following objectives
 - Basic and strategic research to augment productivity, oil content and quality of castor, sunflower, safflower and sesame
 - Information management on oilseeds to develop policy framework for research and development strategy.
 - Coordination of applied research on national and regional issues to develop location specific varieties and technologies under All India Coordinated Research Projects on the mandate crops. These research programmes are conducted at 29 centres of State Agriculture university of Andhra Pradesh, Telangana, Maharashtra, Tamil Nadu, Karnataka, Punjab, Haryana, Odisha, Rajasthan, Gujarat, Chhattisgarh, Madhya Pradesh, Uttar Pradesh, West Bengal and Bihar.
 - Dissemination of technology and capacity building

Under this schemes new high yielding varieties/ hybrids, location specific crop production technologies and technologies to control the diseases and insect pests are being developed and recommended to the farmers. Besides, sufficient quantity of Breeder seed, Truthful label seeds are being produced and demonstrations of improved technologies are being conducted in the farmers field.

2. How many useful benchmark research are done by the various institutes at central level concern with agriculture in recent years with brief description?

- 8 varieties and hybrids in sunflower, 4 varieties and hybrids in safflower and 3 varieties and hybrids in castor have been developed and recommended
- Integrated Nutrient Management Technologies for higher production developed and recommended in AP & MS (Sunflower), MS for safflower and Gujarat (castor)
- Biofertiliser application for higher production with reduced quantity of Nitrogen and Phosphorous fertilisers recommended in WB & MS (Sunflower), MS for safflower and Rajasthan, TN, Telangana and Haryana (castor)
- Weed management technologies recommended in Bihar and Karnataka (Sunflower), and in Karnataka, TN and UP (castor)
- Sulfur fertilization for higher yield recommended in Karnataka, WB & MS (Sunflower), MS for safflower
- 461 tonne of quality breeder seed of improved varieties and hybrids were produced and 11597 frontline demonstrations were conducted in the farmer's field during last 25 years.

3. How many various agricultural applications, innovations, software's, websites provided for the farmers by the various institutes which are relevant for the agricultural backward and forward linkages?

- Mobiles apps such as IIOR at a glance, e thilhan, ICAR-IOR CASTOR, ICAR-IOR SUNFLOWER and ICAR-IOR SAFFLOWER have been developed.

Director
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4. Is there any incentive for organic farming or any program scheme related to it? - NA

5. Which are the research done by the Maharashtra agricultural Universities which is relevant for farmers or agriculture with brief details?

The All India Coordinated Research Projects on sunflower, safflower and sesame & niger are being operated at Latur, Akola and Savalvihir (sunflower); Parbhani, Phaltan , Akola and Solapur (safflower); Nagpur, (Sesame) and Igatpuri, (Niger) of Maharashtra.

During last 5 years, the following technologies have been recommended for the farmers

- 5 varieties and hybrids in sunflower and safflower have been developed and recommended
- Integrated Nutrient Management Technologies for higher production developed and recommended in Sunflower and safflower
- Biofertiliser application for higher production with reduced quantity of Nitrogen and Phosphorous fertilisers recommended in Sunflower
- Sulfur fertilization for higher yield recommended Sunflower and safflower
- During 2016- 17, 506 q of breeder and Truthful label seeds of sunflower and safflower produced and 141 Frontline demonstrations of improved technologies have been conducted by these centres for sunflower and safflower.

Dr. S. S. Chavan
Director
Department of Agriculture
Government of Maharashtra