

ATMANIRBHAR OIL SEEDS ABHIYAN

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The Government is implementing the National Mission on Edible Oils – Oilseeds (NMEO-OS) to boost domestic oilseed production and to strive toward self-sufficiency in edible oil production. The objective of NMEO-OS is to enhance the production of primary oilseed crops such as Rapeseed & Mustard, Groundnut, Soybean, Sunflower, Sesame, Safflower, Niger, Linseed & Castor and also increasing collection and extraction efficiency of edible oil from secondary sources like cottonseed, coconut, rice bran as well as Tree-Borne Oilseeds (TBOs). As per Pradhan Mantri Fasal Bima Yojana (PMFBY) portal, oilseed crops covered under insurance are at annexure.

The Indian Council of Agricultural Research (ICAR) is implementing the five multi-disciplinary All India Coordinated Research Projects (AICRPs) in collaboration with different central/state agricultural universities in the country to develop location-specific high-yielding varieties of nine oilseed crops along with corresponding package of practices. Additionally, ICAR is also implementing two flagship research projects on hybrid development and gene editing for the development of high yielding climate resilient varieties of oilseeds.

As a result, 432 high yielding varieties/hybrids of nine annual oilseeds comprising 104 of Rapeseed-Mustard, 95 of Soybean, 69 of Groundnut, 53 of Linseed, 34 of Sesame, 25 of Safflower, 24 of Sunflower, 15 of Castor and 13 of Niger were notified for commercial cultivation in the country during the last 11 years (2014-2025). Efforts are being made to enhance the Varietal Replacement Rate (VRR) and Seed Replacement Rate (SRR), so that genetic potential of the newly developed high yielding varieties could be exploited to enhance domestic production.

During the last five years (2019-20 to 2023-24), a total of about 1,53,704 quintals breeder seed of indented varieties of different oilseeds were produced and supplied to the public/private seed agencies for conversion into certified quality seed for farmers. The ICAR is also engaged in augmenting the availability of quality certified/Truthfully Labelled seed of oilseeds for farmers through district level seed hubs on oilseeds.

Under NMEO-OS, over 600 Value Chain Clusters have been identified across the country, covering more than 10 lakh hectares annually. These clusters are managed by Value Chain Partners (VCPs), including Farmer Producer Organizations (FPOs) and cooperatives. Farmers in these clusters are getting free high-quality seeds, training in Good Agricultural Practices (GAPs) and advisory services on weather and pest management. Furthermore, the mission provides support for setting up of post-harvest infrastructure to increase the efficiency of oilseed collection, oil extraction and recovery.

The mission supports various types of demonstrations such as Frontline Demonstrations by Indian Council of Agricultural Research (ICAR), Cluster Frontline Demonstrations by Krishi Vigyan Kendras (KVKs) and Block Demonstrations by State Agriculture Departments to create awareness among farmers about the latest high-yielding varieties and advanced technologies in oilseed cultivation. Additionally, an Information, Education, and Communication (IEC) campaign is being implemented to increase public awareness of recommended dietary guidelines for edible oils, thereby encouraging healthier consumption patterns across the country.

Annexure

Details of oilseeds crops notified in 2024-25 under PMFBY

S. No.	State/UT	Oilseeds crops notified in 2024-25 under PMFBY
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