

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 3168

TO BE ANSWERED ON THE 08TH AUGUST, 2023

INCREASING AGRICULTURAL PRODUCTION UNDER NFSM

3168. SHRI THOMAS CHAZHIKADAN:

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

- (a) whether the National Food Security Mission (NFSM) that aims at increasing the production of rice, wheat, pulses, coarse cereals (maize and barley), nutri-cereals (jowar, bajra, ragi and small millets) and oilseeds and oil palm through area expansion and productivity enhancement is fulfilling its unique objective of restoring soil fertility and productivity at the individual farm level, enhancing farm level economy to restore confidence amongst farmers;
- (b) if so, the details thereof;
- (c) the steps taken by the Government to assist farmers to encourage water use efficiency; and
- (d) the details of the proportion of increase in land under irrigation planned by the Government under the said Mission?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

- (a) & (b) In order to increase the production and productivity of rice, wheat, pulses, coarse cereals (maize and barley), nutri-cereals (Shree Anna) and to fulfil the objectives of the National Food Security Mission (NFSM), assistance is being provided to the farmers through States/Union Territories for interventions like cluster demonstrations on improved package of practices, demonstrations on cropping system, seed production and distribution of high yielding varieties/hybrids, improved farm machineries/resource conservation machineries/tools, efficient water application tools, plant protection measures, nutrient management/soil ameliorants, processing &

post-harvest equipment, cropping system based trainings etc. Initiatives like distribution of seed minikits of newer varieties of pulses, production of quality seed, creation of seed hubs at Indian Council of Agricultural Research (ICAR) Institutes/ State Agricultural Universities (SAUs)/ Krishi Vigyan Kendras (KVKs), technological demonstrations by KVKs have also been included under NFSM.

To meet the objectives of NFSM-Oilseeds, incentives/ subsidies are being provided for purchase of breeder seeds, production of foundation seeds & certified seeds, distribution of certified seeds, distribution of seed mini kits, demonstrations (block demonstrations /front line demonstrations /cluster front line demonstrations), farmers field school, training, supply of water carrying devices, plant protection equipments, soil ameliorates, micro-nutrients, weedicides, insecticides, bio-fertilizer/bio agents, etc.

Government of India has launched a separate Mission i.e. National Mission on Edible Oils - Oil Palm (NMEO-OP) in August 2021 to promote oil palm cultivation with the aim to augment the availability of edible oil in the country by harnessing area expansion, increasing crude palm oil production and productivity with the aim to reduce the import burden.

(c) & (d) Per Drop More Crop (PDMC) is being implemented from 2015-16 in the country to focus on enhancing water use efficiency at farm level through Micro Irrigation namely Drip and Sprinkler Irrigation systems. Indian Council of Agricultural Research (ICAR) has developed cost effective, location specific scientific technologies viz. rainwater harvesting and recycling, precision technologies for irrigation and farming practices, adoption of modern agronomic practices, diversifying cropping pattern from water guzzling crops like low land rice and sugarcane to pulses, oilseeds, maize and agro-forestry etc. Further, ICAR imparts training and organizes field demonstrations to educate farmers in these regard.

Under the Command Area Development & Water Management (CADWM) programme of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) implemented by the Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD & GR), lined field channels are constructed and wherever possible underground pipeline network is laid for providing last-mile connectivity to the irrigation system to

enhance irrigation efficiency. The DoWR, RD & GR has set up Bureau of Water Use Efficiency (BWUE) on 20.10.2022 for promotion, regulation and control of efficient use of water in irrigation, industrial and domestic sector. The Bureau facilitates promotion of improving water use efficiency across various sectors namely irrigation, drinking water supply, power generation, industries etc. in the country. National Water Mission (NWM) launched the 'Sahi Fasal' campaign in 2019 to nudge farmers in water stressed areas to grow crops which are not water intensive but use water efficiently and are economically remunerative, healthy and nutritious and suited to the agro-climatic-hydro characteristics.

The net irrigated area in the country has increased from 692.70 lakh hectare in the year 2016-17 hectare to 777.29 lakh hectare in the year 2020-21.
