

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE AND FARMERS WELFARE  
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE  
**RAJYA SABHA**

**UNSTARRED QUESTION NO. 2247**

TO BE ANSWERED ON 17/12/2021

**PROMOTING HYBRID SEEDS TO ADDRESS THE CHALLENGE OF CLIMATE CHANGE**

2247. Shri Sanjay Seth:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether Government has distributed rapeseed and mustard seed mini kits to farmers free of cost, and if so, the details thereof;
- (b) the name of States, shortlisted for distribution of free seed mini kits;
- (c) whether Government is also considering to promote various varieties of refined hybrid seeds for diverse agricultural climatic areas in order to tackle the global climate change which has an adverse impact on cultivation and if so, the details thereof; and
- (d) the manner in which these hybrid seeds are likely to prove helpful in tackling the problems arising out of global climate change?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

(SHRI NAREDNRA SINGH TOMAR)

(a ) to (d) Government of India is implementing rapeseed & mustard Seed Minikit distribution programme under National Food security Mission –Oilseeds (NFSM-OS) with aims and objective to introduce and popularize latest released High Yielding Varieties (HYVs)/hybrids and their promotion and spread among farmers. Government has allocated 8.20 lakh of minikits of rapeseed & mustard seed in 15 major Mustard growing states during Rabi 2021-22.

The shortlisted states for distribution of rapeseed and mustard seed minikits under National Food Security Mission (Oilseeds) during Rabi 2021-22 are Bihar, Chhattisgarh, Gujarat, Haryana, Jammu & Kashmir, Jharkhand, Madhya Pradesh, Odisha, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Assam, Arunachal Pradesh and Tripura. To promote hybrid mustard varieties, the Government has approved a pilot project for 1.20 lakhs Hybrid seed mini kits distribution of Mustard through National Seeds Corporation (NSC) under National Food Security Mission-Oilseeds (NFSM-OS).

The State-wise distribution of HYVs & Hybrids rapeseed & mustard seed minikits during Rabi 2021-22 is given at **ANNEXURE-I**.

In mustard, initiatives for hybrid development such as CMS based hybrid, 5 varieties of Indian mustard and one variety of yellow sarson are undertaken for popularizing climatic resilient rapeseed-mustard varieties in various states through various programme by the Indian Council for Agricultural Research (ICAR)-Directorate of Rapeseed-Mustard Research (DRMR), Bharatpur, Rajasthan. These hybrids and varieties having tolerance to biotic & abiotic stresses and quality traits has been recommended for specific growing conditions.

The Hybrid seed are demonstrated in the farmer's field by ICAR and being cultivated by the farmers in the notified states. The yields of the Hybrids are superior than High Yielding Variety (HYVs). Hybrid Mustard seed mini kits have been distributed to major Mustard growing States, such as Rajasthan, Madhya Pradesh, Uttar Pradesh, Haryana and Gujarat during Rabi 2021-22.

## ANNEXURE-I

REFERRED TO IN REPLY TO PART (A) TO (D) OF RAJYA SABHA UNSTARRED QUESTION NO. 2247 FOR 17.12.2021 REGARDING “PROMOTING HYBRID SEEDS TO ADDRESS THE CHALLENGE OF CLIMATE CHANGE” RAISED BY SHRI SANJAY SETH:

- (i) Details of state wise distribution of **HYVs of rapeseed & mustard seed minikits** during Rabi 2021-22 is as under:

Sl. No	State	Seed minikit distributed (in Number)
1	Bihar	55625
2	Chhattisgarh	10200
3	Gujarat	28060
4	Haryana	95867
5	Jammu & Kashmir	8307
6	Jharkhand	34950
7	Madhya Pradesh	22980
8	Odisha	10000
9	Punjab	25000
10	Rajasthan	173465
11	Uttar Pradesh	119525
12	Uttarakhand	0
13	Assam	10000
14	Arunachal Pradesh	2000
15	Tripura	2500
<b>Total</b>		<b>598479</b>

- (ii) Details of state wise allocation and distribution of **Hybrids of mustard seed minikits** during Rabi 2021-22 is as under:

SI No.	State	Seed minikit distributed (in Number)
1	Gujarat	20000
2	Haryana	15000
3	Madhya Pradesh	30000
4	Rajasthan	20000
5	Uttar Pradesh	35000
	<b>Total</b>	<b>120000</b>

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