

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

**LOK SABHA**  
**UNSTARRED QUESTION NO.5386**  
TO BE ANSWERED ON THE 5<sup>TH</sup> APRIL, 2022

**PROVISION OF AGRICULTURAL INPUTS**

5386. SHRI JASWANT SINGH BHABHOR:

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

(a) whether there is any comprehensive programme by the Government to upgrade agricultural technology to provide quality seeds and farming technology including some of the best available from outside the country; and

(b) if so, the details thereof?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री

(SHRI NARENDRA SINGH TOMAR)

(a) & (b): Government of India is implementing Sub-Mission on Seeds and Planting Materials (SMSP) under which financial assistance is provided in various sub-components for distribution of certified/quality seeds, Creation/Strengthening of Seed Infrastructure facilities etc. The details of Sub-Mission on Seeds and Planting Materials (SMSP) is placed at **Annexure-I**.

Also, Indian Council of Agricultural Research (ICAR) through National Agricultural Research System has developed 1956 field crop varieties comprising of 924 of cereals, 291 of oilseeds, 304 of Pulses, 118 of Forage crops, 239 of Fiber crops, 64 of Sugarcanes and 16 of other crops since 2014 which include 87 nutrition-rich crop cultivars. All the released varieties are put in breeder seed production chain for downstream multiplication of foundation and certified seed by the various public and private seed production agencies

for further distribution to the farmers. Further, Indian Council of Agricultural Research(ICAR) is coordinating the production of breeder seed and quality seed through two nation-wide network projects viz. All India Coordinated Research Project – National Seed Project (Crops) and ICAR Seed Project. The details of seed production under the said projects may be seen at **Annexure-II**.

Furthermore, since 2014-15,Sub-Mission on Agricultural Mechanization (SMAM) is being implemented with the aim of “reaching the unreached” by bringing small and marginal farmers including women farmers in the core and giving the benefits of farm mechanization by promoting Custom Hiring Centers, creating hubs for hi-tech & high value farm equipments, distribution of various agricultural equipments etc. The details of Sub-Mission on Agricultural Mechanization (SMAM) is placed at **Annexure-III**.

## Annexure-I

**The details of sub-components under SMSP scheme may be seen as under:**

**Seed Village Programme:** Govt. of India is implementing Seed Village Programme to upgrade the quality of farmer's saved seeds. Under this programme, the financial assistance for distribution of foundation/certified seeds at 50% cost of the seeds for cereal crops and 60% for pulses, oilseeds, fodder and green manure crops for production of quality seeds is available for one acre per farmer under Sub-Mission on Seeds & Planting Material (SMSP). The objective of this scheme is to make available improved /high yielding varieties seeds to the farmers in time to achieve self-sufficiency in respect of seeds at village level itself.

The financial and physical progress made under the scheme for the last three years and current year is mentioned below:

S. No.	Financial Year	Fund Released (in Lakhs)	Seed Distribution Achievement (in Quintals)	Seed Village Achievement (In No's)	Seed Produced (in Quintals)	Total Farmers (F+M)
1	2018-19	14011.80	887279.03	104600	21989372.96	3415281
2	2019-20	8893.33	696954.74	77534	18749304.30	3195043
3	2020-21	12830.40	630236.25	65732	24345291.27	3612841
4	2021-22	3071.56	294779.89	21499	7713115.00	1087596
<b>Grand Total</b>		<b>38807.09</b>	<b>2509249.91</b>	<b>269365</b>	<b>72797083.53</b>	<b>11310761</b>

**Certified Seed Production through Seed Village:** This component has been initiated from the year 2014-15 to encourage the farmers for taking up Seed production of Pulses, Oilseeds, Fodder and Green Manure crops for making available required certified seeds at village itself for making available certified seeds to the farmers locally. Under this component, financial assistance /subsidy @ 75% cost of foundation/certified seeds are available/ provided to the farmers for production of certified seeds.

The financial and physical progress made under the scheme for the last three years and current year is mentioned below:

S. No.	Financial Year	Fund Released (in Lakhs)	Seed Distribution Achievement (in Quintals)	Seed Produced (in Quintals)	Total Farmers (in No.)
1	2018-19	698.71	21786.72	220733.00	53622
2	2019-20	1121.64	9780.00	116637.00	25450
3	2020-21	701.81	27642.20	221138.00	30725
4	2021-22	776.81	–	–	–
<b>Grand Total</b>		<b>3298.97</b>	<b>59208.92</b>	<b>558508.00</b>	<b>109797</b>

**Creation/Strengthening of Seed Infrastructure Facilities (in Public Sector):** In order to establish/strengthen infrastructure facilities for production and distribution of quality seeds, assistance for creating facilities of seed cleaning, grading, processing, packing and seed storage is provided/ available to the States and implementing agencies.

The financial and physical progress made under the scheme for the last three years and current year is mentioned below:

S. No.	Financial Year	Total Amount Released (In Lakhs)	SPP Capacity (In MT)	SSG Capacity (In MT)
1	2018-19	5143.00	24620.93	49624.11
2	2019-20	1145.35	4500.00	18236.73
3	2020-21	1614.18	24000.00	17513.27
4	2021-22	370.21	1750.00	5119.55
<b>Grand Total</b>		<b>8272.74</b>	<b>54870.93</b>	<b>90493.66</b>

**Establishment of Seed Processing-cum-Seed Storage Godowns at Gram Panchayat Level:** As per Group of Secretaries (GOS) Recommendations, 500 no. of Seed Processing-cum-storage godown Units each of 500MT capacity costing @ Rs.60.00 lakh (GOI share 100 %) each at Gram Panchayat level are to be established in the country to produce the seeds by farmers themselves for making available quality seeds at village level itself. The financial achievement from the years 2017-18 to 2019-20 is as under:

S. No.	Financial Year	Total Amount Released (in Lakhs)	Storage Units (in No)	Storage Capacity (in MTs)	Processing Units (In No)	Processing Capacity in (MTs)
1	2017-18	18000.00	300	150000	300	150000
2	2018-19	6000.00	100	50000	100	50000
3	2019-20	7020.00	117	58500	117	58500
<b>Grand Total</b>		<b>31020.00</b>	<b>517</b>	<b>258500</b>	<b>517</b>	<b>258500</b>

**Transport subsidy on movement of seeds to Northeastern states including Sikkim, J&K, H.P., Uttarakhand and hill areas of West Bengal:** In order to make timely availability of certified/quality seeds at affordable price to the farmers of hilly/remote areas of North-Eastern States, this scheme is in operation. As per this scheme (i) 100% difference between road and rail transportation charge is being reimbursed to implementing State/agencies for movement of seeds produced from outside the State to the identified State Capital/Distt. Headquarter and (ii) actual cost restricted to maximum limit of Rs.120. qtl. whichever is less for movement of seeds transported within the State from State Capital/Distt Headquarter to sale outlets/sale counters is being reimbursed. The details of Year Wise amount reimbursed & quantity seeds moved for last three years and current year is as under:

S. No.	Financial Year	Total Amount Released (In Lakhs)	Quantity Moved (In Quintals)	For North Eastern States	
				Total Amount Released (In Lakhs)	Quantity Moved (In Quintals)
1	2018-19	324.35	150399.93	194.74	44755.30
2	2019-20	383.40	276832.84	94.79	22624.76
3	2020-21	247.06	142217.95	49.22	13674.84
4	2021-22	574.96	300899.75	294.78	63474.07
<b>Grand Total</b>		<b>1529.77</b>	<b>870350.47</b>	<b>633.53</b>	<b>144528.97</b>

## Annexure-II

Quantum of Breeder Seed Production under All India Coordinated Research Project – National Seed Project (Crops) during last three years is as under:

Year	Indent (in qtls)	Production (in qtls)
2018-19	83690.10	117771.60
2019-20	85752.80	116573.30
2020-21	80938.50	115516.70
<b>Total</b>	<b>250381.40</b>	<b>349861.60</b>

Quantum of Quality Seed Production under ICAR Seed Project during last three years is as under:

Particulars	2018-19	2019-20	2020-21	Total
Foundation seed (q)	138337.3	121276.5	60504.4	320118.2
Certified seed (q)	180804.9	163159.1	120334.3	464298.3
TFL seed (q)	87492.3	97109.5	77974.7	262576.5
Planting material (q)	61976.0	39267.5	27876.4	129119.9
<b>Total</b>	<b>468610.5</b>	<b>420812.6</b>	<b>286689.8</b>	<b>1176112.9</b>
<b>Planting materials (nos. in lakh)</b>				
Planting material	178.1	168.7	356.6	703.4
Tissue culture plants	12.2	8.4	8.5	29.1
<b>Total</b>	<b>190.3</b>	<b>177.2</b>	<b>365.1</b>	<b>732.6</b>

## Annexure-III

Sub-Mission on Agricultural Mechanization (SMAM) is being implemented w.e.f April,2014 through StatesGovernments/UTs.The scheme aims at 'reaching the unreached' by bringing to the small and marginal farmers which include women farmers in the core and giving the benefits of farm mechanization, by Promoting 'Custom Hiring Centers' , creating hubs for hi-tech & high value farm equipments, distribution of various agricultural equipments, creating awareness among stakeholders through demonstration and capacity building activities, and ensuring performance testing and certification at designated testing centers located all over the country.

### Mission Objectives

- a) Increasing the reach of farm mechanization to small and marginal farmers and to the regions where availability of farm power is low;
- b) Promoting 'Custom Hiring Centresto offset the adverse economies of scale arising due to small landholding and high cost of individual ownership;
- c) Creating hubs for hi-tech& high value farm equipments;
- d) Creating awareness among stakeholders through demonstration and capacity building activities;
- e) Ensuring performance testing and certification at designated testing centers located all over the country.

Year-wise funds released under SMAM is given below:

Year	Fund released (in crores)
2014-15	194.87
2015-16	153.1
2016-17	363.63
2017-18	791.04
2018-19	1126.77
2019-20	992.19
2020-21	1026.63
2021-22*	803.98
*As on date	

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