

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

**LOK SABHA**  
**UNSTARRED QUESTION NO.1499**  
TO BE ANSWERED ON THE 3<sup>RD</sup> MAY, 2016

**INCENTIVES FOR CULTIVATION OF CROPS**

1499. SHRI B.V. NAIK:

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

- (a) whether the Government is providing incentives/subsidy for promotion and cultivation of oilseeds, pulses, oil palm and maize under certain existing agricultural schemes;
- (b) if so, the details thereof along with the norms of the subsidy thereunder; and
- (c) the details of incentives/subsidy given to farmers for the cultivation of these crops during each of the last three years and the current year, State-wise?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI MOHANBHAI KUNDARIYA)

(a) & (b): Yes, Madam. Government provides incentives for promotion and cultivation of oilseeds & oil palm under National Mission on Oilseeds and Oil Palm (NMOOP) and pulses and maize under National Food Security Mission (NFSM). Under these schemes assistance is provided to farmers for various interventions viz. seed production/distribution, transfer of technology including cluster demonstration and training, efficient water application tools, micro nutrients & soil amelioration, plant protection chemicals, farm machineries and farm implements etc. The pattern of assistance under NFSM and NMOOP are at Annexure-I & II.

(c): State-wise allocations and release of funds under NFSM, NMOOP, Integrated scheme for development of Oilseeds, Oil Palm and Maize (ISOPOM) and Oil Palm Area Expansion Programme (OPAE) during the last three years and the current year are at Annexure-III & IV.

**Summary of Interventions and Pattern of Assistance under NFSM Pulses and NFSM-Coarse cereals for XIIth Plan (2014-15 onwards):-**

	Interventions	Rate of assistance	NFSM-Pulses	NFSM-Coarse Cereals
<b>1.</b>	<b>Demonstrations</b>			
1.1	Improved package			
(i)	Rice/ Wheat/ Pulses	Rs.7500 per ha	√	
(ii)	Coarse Cereals	Rs.5000 per ha		√
1.2	Cropping system based	Rs.12500 per ha	√	
<b>2.</b>	<b>Seed Distribution</b>			
	High Yielding Varieties (Rice and Wheat)	i. Rs. 10/-per kg. or 50% of the cost whichever is less		
	High Yielding Varieties (Pulses)	ii. Rs. 25/-per kg or 50% of the cost whichever is less	√	
	Hybrids (Rice and Coarse Cereals)	Rs. 50/-per kg or 50% of the cost whichever is less		√
	High yielding Varieties (Coarse Cereals)	Rs. 15/-per kg or 50% of the cost whichever is less		√
<b>3</b>	<b>Farm Machineris/ Resource conservation machines/tools</b>			
(i)	Conoweeder	Rs.600/-per machine 50% of the cost whichever is less		
(ii)	Manual Sprayer: Knap sack sprayer/Foot operated sprayer	Rs.600/-per sprayer or 50% of the cost whichever is less	√	
(iii)	Drum Seeder in rice	Rs.1500/-machine or 50% of the cost whichever is less		
(iv)	Power sprayer	Rs.3000/-powered sprayer or 50% of the cost whichever is less	√	
(v)	Chiseller (Deep Ploughing)	Rs.8000/-per machine or 50% of the cost whichever is less	√	
(vi)	Tractor Mounted Sprayer	Rs.10000/-per sprayer or 50% of cost whichever is less	√	
(vii)	Seed Drill	Rs.15000/-per machine or 50% of cost whichever is less	√	
(viii)	Zero till seed drill	Rs.15000/-per machine or 50% of cost whichever is less	√	
(ix)	Multi crop Planter	Rs.15000/per machine or 50% cost whichever is less	√	
(x)	Zero till multi crop Planter	Rs.15000/-per machine or 50% cost whichever is less	√	
(xi)	Ridge Furrow Planter	Rs.15000/per machine or 50% cost whichever is less	√	
(xii)	Rotavator/turbo seeder	Rs.35000/per machine or 50% of cost whichever is less	√	
(xiii)	Multi crop thresher	Rs.40000/per machine or 50% of the cost whichever is less	√	
(xiv)	Laser Land Leveler	Rs.1.50 lakh per machine to a Group of 10 farmers	√	
<b>4</b>	<b>Efficient water application tools</b>			
(i)	Pump Set up to 10 HP	Rs.10000/-per pump set or 50% of the cost whichever is less	√	
(ii)	Sprinkler set	Rs.10000/-per hectare or 50% of the cost whichever is less	√	
(iii)	Water carrying pipes	Rs.25/-per meter or 50% of the cost whichever is less with maximum limit of 600 meters and costing Rs.15000/	√	
(iv)	Mobile Rain gun	Rs.15000/per mobile rain gun or 50% cost whichever is less	√	

<b>5.</b>	<b>Plant protection measures</b>		
(i)	IPM /Plant protection chemicals and bio-pesticides	Rs. 500/-per ha or 50% of the cost, whichever is less	√
(ii)	Weedicides	Rs. 500/-per ha or 50% of the cost whichever is less	√
<b>6.</b>	<b>Nutrients management /soil ameliorants</b>		
(i)	Gypsum /phosphogypsum/ bentonite sulphur	50% of the cost of material limited to Rs. 750 per ha	√
(ii)	Micronutrients	50% of the cost limited to Rs. 500 per ha	√
(iii)	Bio-fertilizers (Rhyzobium/ PSB)	50% of the cost limited to Rs. 300 per ha under NFSM.	√
(iv)	Lime / liming materials	50% of the cost material limited to Rs. 1000 per ha	√
<b>7</b>	<b>Cropping System Based Training</b>		
	(A group of 30 farmers, 4 session of each training, one at beginning of each Kharif and Rabi season and one each during Kharif and Rabi season)	Assistance @ Rs. 14000/- per training (Rs. 3500/- per session)	√
<b>8.</b>	<b>Local initiatives</b>	Funding will be on Project basis, up to 5% of the total allocation to the State.	√
<b>9.</b>	<b>Project Management Team</b>		√

**Pattern of Assistance under Mini Mission-I(Oilseeds) and Mini Mission-II(Oil Palm) of National Mission on Oilseeds and Oil Palm(NMOOP).**

<b>Mini Mission-I on Oilseeds</b>		
<b>S.No.</b>	<b>Interventions/ Components</b>	<b>Rate of Assistance</b>
<b>I</b>	<b>Seed component</b>	
1	Purchase of breeder seed	Full cost of Breeder seeds for Central Agencies & States.
2	Production of Foundation seed	Rs. 1000/quintal (for varieties/ hybrids last 10 years)
3	Production of Certified seed	Rs.100/qtl additional for varieties/ hybrids of last 5 years.
4	Distribution of Certified seed	Rs.2500/qtls for varieties (except Sesame) and Rs.5000/qtls for Hybrids and variety of Sesame.
5	Distribution of Seed Minikit	Full cost through CA & State
6	Seed Infrastructure Development	Max. 1% of total outlay of MM I .
7	Variety Specific Targeted Seed Production (VSTSP)	75% cost of seed production (varieties of < 5 years) for agencies & states.
<b>II</b>	<b>Production inputs component</b>	
1	Distribution of Plant Protection Equipments	Manual sprayers, Knapsack/foot operated prayers/eco-friendly light trap: Rs. 600/-. Additional 10% assistance max. Rs. 800/- per unit to SC/ST/SMF/Women/FPOs/NE States. Power sprayers, Knapsack: Rs. 3000/- (Below 16 lit) to Rs. 8000/- (above 16 lit). per equipment depending upon capacity Additional 10% assistance max.Rs. 3800/- to Rs. 10000/-per unit to SC/ST/SMF/ Women / FPOs/NE States.
2	Plant Protection chemicals/ bio-pesticides/bio-agents/ micronutrients	50% of cost limited to Rs. 500/- per ha.
3	Supply of gypsum/pyrite/ liming/ dolomite/SSP	50% of cost + transportation, Max. Rs. 750/- per ha.
4	Supply of Nuclear Polyhedrosis Virus (NPV)	50% of the cost, Max. Rs. 500/- per ha.
5	Supply of Rhyzobium /PSB/ ZSB /Azatobacter/ Mycorrhiza	50% subsidy, Max.Rs. 300/- per ha.
6	Supply of improved farm implements	Manually/Bullock drawn- Rs. 8000/- per implement. Additional 10% assistance,max.Rs.10000/- per unit to SC/ST/SMF/ Women / NE States. Tractor driven (Rotavator, seed drill, zero till seed drill, multi crop planter, zero till multi crop planter, ridge furrow planter, power weeder, raised bed planter, groundnut digger, multi crop thresher - Rs. 50000/- per unit. Additional 10% assistance, max.Rs.63000/- per unit to SC/ST/SMF/Women/ NE States.
7	Distribution of sprinkler sets	As per National Mission for Sustainable Agriculture (NMSA).
8	Pipes for carrying water from source to the field (to be implemented from 2016-17 onwards)	Rs. 50/- per mt (HDPE Pipes), Rs.35/- per mt (PVC pipes) & Rs. 20/- per mt (HDPE laminated woven lay flat tubes) subject to 50% cost and with max. Rs. 15000/- per farmer.
9	Seed storage bins	Rs. 1000/- per bin of 1 to 10 qtls capacity. One bin per farmer.
10	Seed treating Drum	Rs. 1750/- (of 20 kg) & Rs. 2000/- (of 40 kg) per unit.
<b>III</b>	<b>Transfer of Technology component</b>	
1	Block demonstrations	50% of the cost of the inputs, One demo/farmer, Assistance for Groundnut - Rs. 7500, Soybean - Rs. 4500, Mustard, Sesame, Safflower, Castor, Niger, Linseed -Rs. 3000, Sunflower - Rs. 4000/- per ha.
2	Block demonstrations on Poly-mulch in Groundnut	Rs. 12500/- per ha.
3	Frontline demonstrations (FLDs)	50% of cost of the inputs (1demo, 1ha/farmer) , max.- Groundnut - Rs. 8500/-; Soybean, Mustard, Sunflower- Rs. 6000/-; Sesame, Safflower, Castor, Niger& Linseed- Rs.5000/-per ha.
4	Frontline demonstrations on Poly-mulch in Groundnut by ICAR	Rs. 12500/- per ha
5	Integrated Pest Management (IPM)FFS	Farmers field school @ Rs. 26700/- per FFS
6	Farmers training	Rs. 24000 per training (batch of 30 farmers for 2 days).
7	Officers/Extension workers training	Rs.36000/- per training (batch of 20 officers for 2 days)
8	Local Initiatives/Mission Monitoring Expenses/ Contingency	The States will be allowed to utilize 1.0 % of their total allocation under MM-I on Oilseeds.
9	Flexi-funds	Maximum 10% of total allocation

<b>Mini Mission-II on Oil Palm</b>		
<b>SL. No.</b>	<b>Components</b>	<b>Rate of Assistance</b>
1.	Planting Material	85% of the cost of planting material limited to Rs.8, 000/- per ha.
2.	Maintenance Cost	50% of the cost during gestation period for 4 years with a ceiling of Rs 16, 000/- per ha.@ Rs. 4000/ha. per year.
3.	Drip Irrigation	As per norms of National Mission for Sustainable Agriculture (NMSA).
4.	Distribution of Pump Sets	@50% of the cost limited to Rs 15, 000/- per pump set for 10 HP.
5.	Bore well	@ 50% limited to Rs 25,000/- per unit 50% of cost (construction cost –Rs 125 for plain/ Rs 150 per cubic meter for hilly areas) limited to Rs 75,000/- for plain areas and Rs 90,000/- for hilly areas
6.	Construction of water harvesting structure/ ponds	@ 50% of the cost limited to Rs 50,000/ dug-well/ponds/water harvesting tanks/ structures per farmer only for Oil Palm garden/ field of the farmer.
7.	Inputs for Intercropping in oil palm	50% of the cost limited to Rs 3000/ha for purchase of seeds / fertilizers / INM/IPM / fertigation /tree guards and PP chemicals etc.
8.	Construction of vermi-compost units at Oil Palm fields	@50% of the cost limited to Rs 15,000 per unit of 15 meter length, 0.9 meter width and 0.24 meter depth at Oil Palm field/garden of the farmers.
9.	Machinery & tools	Assistance up to 50% of the cost and up to the amount for equipments/tools as provided under to state Department of Agriculture/Horticulture: (i) Manually handled/high reach Oil Palm cutter-Rs 1500/- per unit, (ii) Motorized Chisel-Rs 10,000/- per unit (iii) Oil Palm protective wire mesh-15,000/- per unit, (iv) Aluminum portable ladder- Rs 3,000/-per unit (v) Chaff cutter for chaffing of Oil Palm leaves (Oil Palm farmers only) - Rs 7,000/- per unit. (vi) Small tractor up to 20 HP along with trolley: 25% of the cost of procurement subject to a ceiling of Rs 0.75 lakh. Additional 10% assistance to SC / ST / Small / Marginal Farmers/Women, Groups >5 members FPOs and NE States to a ceiling of Rs 1.00lakh per unit. (vii) Any other Machinery recommended by ICAR/SAUs which is useful for Oil Palm growers could be included under local initiatives/contingency under AAP. (viii) Import of machinery viz; mechanical sprayer for young Oil Palm fields, mechanical Oil Palm harvesting machine, compact FFBs transporter/ sprayers etc with specific approval of standing committee of NMOOP.
10	Farmers training	Rs. 24000 per training (batch of 30 farmers for 2 days).
11	Officers/Extension workers training	Rs.36000/- per training (batch of 20 officers for 2 days)
12	Local Initiatives/Mission Monitoring Expenses/ Contingency	The States will be allowed to utilize 1.0 % of their total allocation under MM-II on Oil Palm
13	Flexi-funds	Maximum 10% of total allocation

**State-wise Allocation and Release of funds(Central share) under NFSM-Pulses and NFSM-Coarse cereals during last three years and current year**

(Rs. in Crore)

Sl. No.	State	2013-14		2014-15				2015-16				2016-17	
		NFSM-Pulses		NFSM-Pulses		NFSM-Coarse cereals		NFSM-Pulses		NFSM-Coarse cereals		NFSM-Pulses	NFSM-Coarse cereals
		Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Rel.	Alloc.	Alloc.
1	Andhra Pradesh	142.82	110.62	89.78	46.27	6.42	4.81	33.07	33.07	3.74	3.74	50.3	3.30
2	Arunachal Pradesh	0	0	1.42	0.71	4.57	1.03	3.72	3.72	6.53	6.53	2.05	8.27
3	Assam	46.55	40.61	20.52	15.58	2.27	2	32.91	27.11	1.83	1.25	44.36	3.37
4	Bihar	29.46	12.58	30.53	18.47	5.51	5.51	30.7	21.02	5.01	2.69	21.94	4.6
5	Chhattisgarh	46.47	38.24	42.53	21.26	1.86	0.93	29.64	18.96	0.97	0.48	36.78	1.56
6	Goa											0.39	
7	Gujarat	53.3	29.14	19.57	0	9.26	4.63	8.4	4.2	1.7	0.85	30.42	7.37
8	Haryana	41.49	24.91	15.38	9.19	5.4	4.05	6.11	4.05	2.78	1.39	5.79	3.17
9	Himachal Pradesh	0	0	0.29	0.29	3.77	3.77	0.96	0.96	1.99	1.98	3.89	2.87
10	J & K	0	0	0.99	0.58	7.22	5.42	2.11	1.3	2.38	1.19	3.24	3.08
11	Jharkhand	33.56	25.37	25.13	13.81	1.75	1.32	20.83	20.52	1.09	1.09	25.21	1.7
12	Karnataka	132.75	117.88	121.45	89.58	28.76	28.76	63.98	35.27	14.38	12.83	102.01	21.61
13	Kerala	0	0	0	0			0	0	0.02	0.01	0.1	0.006
14	Madhya Pradesh	311.77	305.08	236.14	150.38	15.36	11.52	169.38	113.44	6.84	3.42	231.74	10.46
15	Maharashtra	250.02	225.68	266.36	124.54	52.67	39.51	97.02	81.86	12.19	12.5	149.44	29.39
16	Manipur	0	0	1.19	1.18	0.44	0.44	5.8	5.8	1.69	1.69	8.62	2.69
17	Meghalaya	0	0	0.68	0.68	0.97	0.97	0.9	0.45	1.92	1.92	0.92	2.39
18	Mizoram	0	0	1.11	1.11	1.64	1.64	1.45	0.96	0.5	0.4	0.99	0.7
19	Nagaland	0	0	2.5	2.5	6	6	8.72	5.33	6.91	3.85	8.3	9.35
20	Odisha	43.62	32.8	35.61	28.46	3.43	2.57	47.11	36.75	1.88	1.44	35.22	1.11
21	Punjab	17.43	11.63	6.08	2.21	1.17	1.17	2.3	1.4	0.61	0.31	2.76	0.88
22	Sikkim	0	0	0.9	0.9	0.81	0.81	2.9	1.7	2.8	1.4	1.81	5.74
23	Rajasthan	181.97	107.47	172.42	145.18	56.13	42.1	139.5	83.25	29.32	14.66	155.77	38.03
24	Tamil Nadu	43.09	18.15	39.86	37.92	8.58	8.58	18.17	17.74	2.52	2.52	32.63	5.19
25	Telangana			50.89	33.86	7.17	7.17	28.95	28.06	3.73	1.86	22.79	5.18
26	Tripura	0	0	3.19	3.19	0.93	0.93	5.09	3.89	0.52	0.52	2.95	0.49
27	Uttar Pradesh	201.04	131.15	104.53	49.91	14.75	14.75	74.67	57.44	7.94	3.97	101.1	12.54
28	Uttarakhand	0	0	0.99	0.74	1.39	0.69	2.66	1.58	0.59	0.29	7.86	2.05
29	West Bengal	28.31	11.52	19.73	20.16	0.72	0.72	7.86	7.2	0.41	0.36	10.6	0.9
	<b>Total</b>	<b>1603.65</b>	<b>1242.83</b>	<b>1309.77</b>	<b>818.66</b>	<b>248.95</b>	<b>201.80</b>	<b>844.91</b>	<b>617.03</b>	<b>122.79</b>	<b>85.14</b>	<b>1099.98</b>	<b>188.00</b>

## Annexure-IV

## STATE-WISE ALLOCATION AND RELEASE OF FUNDS(CENTRAL SHARE) UNDER ISOPOM , OPAE AND NMOOP DURING LAST THREE YEARS AND CURRENT YEAR

(Rs in crore)

Sl. No.	Name of the States	2013-14				2014-15		2015-16*		2016-17
		OPAE		ISOPOM		NMOOP		Allocation	Release	Allocation
		Allocation	Release	Allocation	Release	Allocation	Release			
1	2			3	4	5	6	7	8	9
	<i>States MH - (3601)</i>									
1	Andhra Pradesh	51.75	51.75	85.94	85.94	51.36	17.98	52.63	39.57	58.52
2	Bihar	0.00	0.00	0.00	0.00	2.31	1.54	2.39	1.70	1.76
3	Chhattisgarh	1.25	0.63	10.25	10.25	5.34	3.20	7.69	3.19	10.39
4	Gujarat	3.41	0.00	27.54	27.54	36.65	14.01	16.48	6.47	40.14
5	Haryana	0.00	0.00	3.63	3.63	6.92	2.42	10.24	8.31	7.87
6	Himachal Pradesh	0.00	0.00	0.45	0.45	0.00	0.00	0.00	0.00	0.00
7	Jammu & Kashmir	0.00	0.00	1.58	1.58	1.35	1.01	1.58	0.00	1.02
8	Jharkhand	0.00	0.00	0.00	0.00	2.38	1.19	4.39	0.00	3.81
9	Karnataka	22.28	11.14	23.13	23.13	22.45	20.22	21.57	13.36	26.41
10	Kerala	0.00	0.00	0.00	0.00	0.69	0.41	0.21	0.02	0.14
11	Madhya Pradesh	0.00	0.00	40.76	40.76	75.07	45.06	43.39	26.15	107.43
12	Maharashtra	1.51	0.76	31.32	31.32	45.44	34.08	19.99	19.83	59.34
13	Orissa	25.14	25.14	14.50	14.50	15.82	9.26	7.85	5.58	6.79
14	Punjab	0.00	0.00	0.00	0.00	1.15	0.40	0.50	0.00	0.70
15	Rajasthan	0.00	0.00	40.18	40.18	50.85	47.85	49.12	34.91	73.07
16	Tamil Nadu	9.87	4.16	12.06	12.06	10.59	8.43	8.88	8.06	10.99
17	Telangana	0.00	0.00	0.00	0.00	10.91	6.19	9.81	9.68	12.89
18	Uttar Pradesh	0.00	0.00	10.08	10.08	14.00	11.73	18.88	13.19	16.72
19	Uttarakhand	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.70	0.65
20	West Bengal	0.00	0.00	3.34	3.34	9.58	6.03	13.00	9.85	11.37
21	Arunachal Pradesh	0.74	0.74	0.00	0.00	4.08	2.04	3.61	2.18	6.14
22	Assam	0.00	0.00	0.00	0.00	17.72	8.86	16.24	8.87	18.08
23	Manipur	0.00	0.00	0.00	0.00	2.65	1.98	1.33	0.67	1.68
24	Meghalaya	0.00	0.00	0.00	0.00	1.26	0.63	0.00	0.00	0.54
25	Mizoram	28.46	14.23	1.46	1.46	8.91	6.68	12.70	5.07	15.45
26	Nagaland	0.69	0.00	0.00	0.00	4.55	4.55	2.50	1.20	6.80
27	Sikkim	0.00	0.00	0.00	0.00	0.69	0.69	0.52	0.30	0.34
28	Tripura	0.00	0.00	0.00	0.00	5.12	5.12	4.04	2.62	0.97
	TOTAL	145.10	108.55	306.24	306.23	407.83	261.56	330.46	221.47	500.00

\*Includes allocation for additional area coverage under oilseeds

\*\*\*\*\*