

1. ANDHRA PRADESH

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, groundnut, soybean, sesame and sunflower are grown over an area of about 15.69 lakh ha. However, the state average yield of oilseeds is less than the national average. The crop wise area, production and yield of oilseeds in the state of Andhra Pradesh (including Telangana) from 2013-14 to 2016-17 are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Sesame (K)	Area	1678.9	1746.1	53.00	69.00
	Production	714.6	827.8	429	20.00
	Yield	426	474	264	290
Sunflower	Area	671.5	589.8	27.00	19.0
	Production	503.9	434.2	23.00	17.00
	Yield	750	736	582	895
Groundnut	Area	5504.9	4768.7	775.00	1027
	Production	1726.6	1870.0	801.00	744.8
	Yield	1765	1552	1034	725
Soybean	Area	11716.41	10910.8	1.00	2.0
	Production	14666.4	11860.8	2.00	3.2
	Yield	1012	951	2000	1611
Total oilseeds	Area	1642.4	1072.0	17	873.00
	Production	1414.3	597.2	17	17
	Yield	861	557	17	17

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I, II and MM- III are under implementation.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 2918.33 lakh (central share Rs 1751. lakh & state share Rs. 1167.33 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs.351.65 lakh (CS) has been revalidated and Rs. 351.65 lakh have been released during 2016-17 out of which an expenditure of Rs. 1190.13 (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	1776.01	549.58	2325.58	622.00	3551.73	2916.96	949.09	3866.05
2015-16	1801.06	1200.74	3001.80	1758.97	178.97	1127.76	1127.76	2345.53
2016-17	1751	1167.33	2918.33	1032.52	1384.17	1190.13	793.75	1983.88

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.

- The State need to make effort for improving productivity of oilseeds particularly in case of groundnut which is less than national average.
- The MPR for the month of February has not yet been received so far.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

Oil Palm Development Programme is under implementation in the State from 1991-92 through State Department of Horticulture. Andhra Pradesh ranks 1st in cultivation of Oil Palm with 1.50 lakh ha, out of the total area covered under Oil Palm i.e. 3.0 lakh ha in India. Andhra Pradesh have total 4,29,500/- ha oil palm potential area in 8 Districts namely Srikakulam, Vizianagram, Visakhapatnam, East Godavari, West Godavari, Krishna, Nellore and Anantpur are covered under Oil Palm cultivation. There are six Oil Palm seed gardens and 13 processing mills, have been established in the State with a capacity of 240MT/hr.

Physical progress

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005 to 2011-12	1,15,000	77,161	22,09,620	3,79,478
2012-13	27,000	12,846	7,90,881	1,27,570
2013-14	18,081	10,468	9,33,981	1,61,566
2014-15	14,000	9,259	10,07,553	1,70,478
2015-16	12,500	5,284	11,44,092	1,93,562
2016-17	12,500	5,208	6,31,241	1,06,038
Total	1,99,081	1,20,226	67,17,368	11,38,692

Financial progress

(Rs. in lakh GoI share)

Year	Allocation	Release	Expenditure
2012-13	758.54	213.96	753.26
2013-14	538.00	500.00	387.85
2014-15	3360.04	1176.00	2156.86
2015-16	3461.85	2198.03	1837.00
2016-17	3492.19	2049.98	983.32

During 2016-17, Govt. of India has approved an Annual Action Plan (AAP) for an amount of Rs. 58.20 crore including of Rs. 34.92 crore as Central Share for implementation of Mini Mission-II (Oil Palm) under NMOOP. Out of this, Rs. 20.50 crore has been released to the State and an amount of Rs. 3.61#crore lying unspent balance with the State from the previous year. Thus, an amount of Rs. 24.11 crore is available with the State during the current year. As per the progress report, an amount of Rs. 9.83 crore as central share has been utilized till Feb 2017.

Issue:

- The progress of oil palm development programme in the State is not satisfactory from the year 2014-15.
- The achievement with respect to area expansion is slow against the targets fixed for 2016-17.

2. ARUNACHAL PRADESH

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), sesame, and soybean are major crops grown in State. The crop wise area, production and yield of oilseeds grown in the State during 2013-14 and 2014-15 are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Rapeseed-Mustard	Area	27.6	29.2	29.23
	Production	25.9	29.7	31.84
	Yield	936	1016	1089
Soybean	Area	2.8	2.8	29.23
	Production	3.5	2.6	2.81
	Yield	1273	923	991
Sesame	Area	1.6	1.7	1.72
	Production	1.3	0.7	0.77
	Yield	819	413	444
Total oilseeds	Area	32.8	34.9	35.00
	Production	31.4	33.9	31.84
	Yield	958	971	1040

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I for oilseeds and MM- II for oil palm and MM-III for TBOs are under implementation.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 149.72 lakh (central share Rs. 134.78 lakh & state share Rs. 14.95 lakh) which is being implemented by the State Department of Agriculture. An amount of Rs. 101.00 lakh has been released during 2016-17, out of which no expenditure has been incurred so far as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	181.80	60.01	241.81	90.89	90.89	91.68	29.97	121.65
2015-16	188.55	188.55	377.10	131.83	131.83	31.19	31.19	62.38
2016-17	134.78	14.95	149.72	101.09	101.09	0.00	0.00	0.00

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- Monthly Progress Report has not received so far.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAA etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

Arunachal Pradesh was included under OPAA for oil palm cultivation during 2013-14. The Govt. of India has provided financial support of Rs. 73.70 lakh for initiating the activities before oil palm plantation. The State has also been included under Mini Mission-II of National Mission on Oilseeds and Oil palm (NMOOP) which is implemented with effect from 01.04.2016. Oil Palm Development Programme implemented through State Department of Agriculture. The state has Potential area of 25,000 ha out of which, an area of 330 ha has been achieved under oil palm cultivation up to March, 2016.

Physical progress

The physical progress during initial years was slow which is picking up. The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from 2013-14 to 2016-17 are given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2013-14	0	0	0	0
2014-15	0	0	0	0
2015-16	1,200	330	0	0
2016-17	1,500	750	0	0
Total	2,700	1,080	0	0

Financial progress

During the year 2013-14, out of release of Rs. 73.70 lakh no expenditure could be incurred under ISOPAM scheme. The year-wise details of allocation, releases and expenditure from 2013-14 to 2016-17 under ISOPOM and NMOOP are given below:

(Rs. in lakh GoI share)

Year	Allocation	Release (GOI share)	Expenditure
2013-14	73.70	73.70	0.00
2014-15	183.83	91.67	91.67
2015-16	172.52	86.26	86.26
2016-17	460.36	418.94	230.18

During the year 2016-17, the Government of India has approved an Annual Action Plan for an amount of Rs. 511.51 lakh covering of Rs. 460.36 lakh as Central share and Rs. 51.15 lakh as State share for implementing Mini Mission-II for oil palm development under National Mission on Oilseeds and Oil Palm (NMOOP). Out of this amount, Rs. 418.94 lakh has been released to the State. As per progress report received for the month of February, 2017 the State has utilized an amount of Rs. 230.18 and Rs. 188.76 lakh is still unspent balance.

Issues

- The physical and financial progress report is not being received from the State on regular basis.
- The State has shown an achievement of 750 ha area expansion but the financial expenditure is less.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland.

The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (central share) of Rs 9.83 lakh for 2016-17 has been made for the plantation of Tung on an area of 36 ha and 2nd year maintenance of 96 ha plantation. Tung has long gestation period of 6 years and during gestation period to enhance the additional income from the plantation areas support is also provided for intercropping @ Rs. 1000/- per ha/year for critical inputs to various types of intercrops. Arunachal Pradesh is eligible for assistance @ 90 (central share): 10 (state share). A sum of Rs 4.92 lakh has been released for implementation of the programme.

Issues

- The State has not so far utilized the released funds during 2016-17.

3. ASSAM

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), sesame, linseed and niger are major crops grown in Assam. The state was covered under National Mission on Oilseeds and Oil Palm (NMOOP) launched from 2014-15. The crop wise area, production and yield of oilseeds in the state during last three years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16*	2016-17*
Rapeseed-Mustard	Area	279.2	281.0	280.0	282.0
	Production	169.0	187.5	167.0	185.0
	Yield	605	667	596	656
Sesame	Area	11.7	12.2	12.0	12.0
	Production	8.6	9.2	9.0	9.0
	Yield	732	758	750	750
Niger	Area	7.3	7.2	7.0	7.0
	Production	4.5	4.4	4.0	4.0
	Yield	618	620	571	571
Linseed	Area	6.0	5.6	6.0	6.0
	Production	3.9	4.0	4.0	4.0
	Yield	643	703	667	667
Total oilseeds	Area	304.2	306.9	306.0	308.0
	Production	196.3	205.7	185.0	202.6
	Yield	613	670	605	658

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I & II for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 1580.07 lakh (central share Rs. 1422.06 lakh & state share Rs. 158.01 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs. 780.60(CS) has been revalidated. No funds have not released during 2016-17 due to sufficient fund available in State. However no progress report has been received so far. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	1501.83	493.94	1995.77	750.10	750.10	410.87	136.96	547.82
2015-16	1412.23	1412.23	2824.45	780.60	780.60	0.00	0.00	0.00
2016-17	1422.06	158.01	1580.07	0.00	780.60	0	0	0.00

Issues

- The programme was not implemented during 2015-16 and therefore no funds were released during current year.
- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of R&M which is less than national average.
- MPR for the month of February has not yet been received so far.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The Assam State was covered under ISOPOM for oil palm development but the State had not implemented the programme. Keeping in view, scope of area coverage under oil palm Dr. Rethinam Committee identified potential area of 25,000 hectare in Kamrup (R), Goalpara and Bongaigaon district of the State. Out of this area, an area of 570 ha has been achieved under oil palm cultivation up to March, 2016. The State has also included under Mini Mission-II of National Mission on Oilseeds and Oil palm (NMOOP) which is being implemented with effect from 01.04.2016. M/s Shivasais Oil Palm Private Ltd is involved in establishing two nurseries. No seed garden and processing unit have been established so far in the State.

Physical progress

During the year 2015-16 the oil palm area of 560 ha has been covered whereas during current year (2016-17) an area of 465 ha against a target of 1500 ha has been achieved. The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from 2012-13 to 2016-17 are given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2012-13	0	0	0	0
2013-14	0	0	0	0
2014-15	1,000	0	0	0
2015-16	560	560	0	0
2016-17	1,500	465	0	0
Total	3060	1025	0	0

Financial progress

During the year 2015-16, an amount of Rs. 105.94 lakh was released of which an expenditure of Rs. 21.76 lakh was incurred which was very low. The year-wise details of funds allocation, releases and expenditure from 2012-13 to 2016-17 under ISOPOM and NMOOP are given below:

(Rs. in lakh GOI share)

Year	Allocation	Release	Expenditure
2012-13	0.00	0.00	0.00
2013-14	0.00	0.00	0.00
2014-15	270.08	135.85	130.23
2015-16	211.87	105.94	21.76
2016-17	453.04	0.00	0.00

During the year 2016-17, the Government of India has approved an Annual Action Plan of Rs. 503.38 lakh comprising of Rs. 453.04 lakh as Central share and Rs. 50.34 lakh as State share for implementing the programme. The State has unspent balance of Rs. 89.80 lakh from the previous year so no funds were released during current year. As per their progress report November, 2016 the State has not utilized any fund so far.

Issues

- The physical and financial progress report is not received regularly from the State. The State share not been released so far by the State.
- State has not indicating any financial expenditure where as 465 ha area has been reported as achieved.

4. BIHAR

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), sunflower, linseed and sesame are major crops grown in Bihar. The state was covered under earlier scheme of Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize (ISOPOM) implemented from 2004-05 to 2013-14 and also included under National Mission on Oilseeds and Oil Palm (NMOOP). The crop wise area, production and yield of oilseeds in the state during last two years are given below:

(Area 000' ha; Production 000' tonnes and Yield - (Kg/ha))

Crop	Unit	2013-14	2014-15	2015-16	2016-17
Sesame	Area	2.3	2.9	2.75	2.7
	Production	2.0	2.6	2.4	2.3
	Yield	873	874	868	870
Rapeseed-Mustard	Area	85.3	84.5	89.66	86.4
	Production	106.1	92.9	94.4	91.0
	Yield	1245	1100	1053	1053
Linseed	Area	18.7	16.4	15.0	16.7
	Production	15.9	14.2	12.9	14.3
	Yield	850	861	859	857
Sunflower	Area	14.0	11.7	11.4	11.9
	Production	19.8	16.7	16.2	16.8
	Yield	1411	1429	1421	1406
Total oilseeds	Area	123.7	116.2	119.5	118.6
	Production	146.2	127.0	126.5	125.3
	Yield	1182	1093	1059	1056

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 250.86 lakh (central share Rs. 150.52 lakh & state share Rs. 100.34 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs.129.64 (CS) has been revalidated and no funds have been released during 2016-17 due to sufficient fund available in state out of which an expenditure of Rs. 29.45 (CS) has been incurred as reported by State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given as under:

(Rs.in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	230.99	73.15	304.14	154.29	231.01	180.28	60.09	240.38
2015-16	239.50	239.50	478.99	169.75	169.75	82.37	82.37	164.73
2016-17	150.52	100.34	250.86	0.00	129.64	29.12	26.02	65.14

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of R&M which is less than national average.
- Awaiting proposal of AAP for “Targeting Rice Fallow Area in Eastern India for pulses and oilseeds during 2016-17.
- Shortfall in area and production of oilseeds during 2015-16 and 2106-17.

5. CHHATTISGARH

MM-I (Oilseeds) Programme:

The major oilseeds crops grown in Chhattisgarh are Soybean, Niger, R&M, Groundnut, Linseed and Sesame. The crop-wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17
Soybean	Area	106.6	105.9	119.70	104.1
	Production	93.5	79.7	69.00	72.6
	Yield	877	753	576	697
Niger	Area	65.1	64.3	61.40	63.5
	Production	11.8	11.4	9.80	12.1
	Yield	181	177	160	191
Groundnut	Area	25.6	25.7	27.30	28.6
	Production	37.3	36.3	33.60	42.7
	Yield	1457	1412	1231	1493
R & M	Area	47.0	45.9	43.10	40.6
	Production	26.2	26.4	22.30	20.9
	Yield	557	575	517	515
Linseed	Area	26.2	31.0	27.10	24.8
	Production	11.1	12.3	7.90	9.4
	Yield	424	397	292	379
Sesame	Area	17.8	17.6	18.90	19.2
	Production	5.0	8.0	6.50	7.5
	Yield	281	455	344	391
Total oilseeds	Area	289.6	291.1	98.90	282.0
	Production	185.4	174.2	149.60	165.8
	Yield	640	599	501	588

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I, II and MM- III are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 701.64 lakh (central share Rs. 421.00 lakh & state share Rs. 280.64 lakh) which is being implemented by the State Department of Agriculture. Amounts of Rs. 0.00 lakh have been released during 2016-17 out of which an expenditure of Rs. 152.72 lakh (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	461.99	137.17	599.16	299.09	303.89	171.91	48.19	220.10
2015-16	505.98	462.33	968.32	187.50	187.50	278.05	287.05	556.11
2016-17	421.00	280.64	701.64	168.00	168.00	152.72	101.80	254.52

Issues

- Participation of district level officers in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- State has utilized only 50% of the total fund released which indicating the slow progress of the programme.
- Awaiting submission of AAP of Targeting Rice Fallow Area in Eastern India for pulses and oilseeds during 2016-17- a sub scheme under KRVY.
- The State may ensure timely submission of MPR and QPR.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State Department of Horticulture is the nodal Department for implementation of the oil palm development programme in the State. The State was included under Oil Palm Area Expansion (OPAE) sub-scheme RKVY from 2011-12 to 2013-14. It was included under Mini Mission-II for oil palm development under National Mission on Oilseeds and Oil palm (NMOOP) which is being implemented with effect from 2014-15 in the country. Under the programme only 3000 ha area has been achieved out of 48,000 ha potential area identified for oil palm cultivation in the State. Presently, the programme is being implementing in 11 districts of the State viz; Jagdalpur, Dantebada, Sukma, Mahasamund, Kanker, Raigarh, Janjgir Champa, Korba, Bilaspur, Durg and Balod under NMOOP. District wise private entrepreneurs involved in the State for oil palm development are M/s. Ruchi Soya Industries Ltd. in Korba and Bilaspur districts; M/s. 3F Oil Palm Agrotech Pvt. Ltd. in Durg and Balod districts; M/s. Ammah Palm Plantations Pvt. Ltd. in Kanker and Mahasamund districts; M/s. Godrej Agrovet Ltd. in Janjgir Champa and Raigarh districts and M/s. Shivasais Oil Palm Pvt. Ltd. in Dantebada, Jagdalpur and Sukma districts.

Physical progress

The State has so far covered an area of 3007 ha under oil palm during last 5 years as against a target of 4918 ha. The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from 2011-12 to 2016-17 are given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2011-12	100	0	0	0
2012-13	250	200	0	0
2013-14	318	212	0	0
2014-15	250	250	0	0
2015-16	1,500	1,500	0	0
2016-17	2,500	845	0	0
Total	4918	3007	0	0

Financial progress

The expenditure incurred so far by the State under the programme is very slow as only Rs. 46.12 lakh have been spent out of Rs. 232.00 lakh during 2016-2017. The year-wise details of funds allocation, releases and expenditure under MM-II of NMOOP from 2014 to 2017 are given below:

(Rs. in lakh GoI share)

Year	Allocation	Release	Expenditure
2014-15	72.16	21.41	21.41
2015-16	262.72	131.36	157.64
2016-17	577.84	232.00	46.13

During the year 2016-17, the Govt. of India has approved an Annual Action Plan (AAP) of the State for an amount of Rs. 963.06 lakh comprising of Rs. 577.84 lakh as a central share and Rs. 385.22 lakh as State share. Out of this, an amount of Rs. 232.00 lakh has been released to the State. As per their progress report received for the month of December, 2016 from State, an amount of Rs. 46.13 lakh has been utilized and Rs. 185.87 lakh lying as unspent balance with the State.

Issues

- State is not submitting the monthly physical & financial progress report on regular basis.
- The expenditure incurred by the State so far during 2016-17 is very slow.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are given below:

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 48.78 lakh for 2016-17 has been made for the plantation of Olive on an area of 150 ha, intercropping in 150 ha and farmers as well as Extension Worker are training. Olive has gestation period of 4 years and during gestation period to enhance the additional income from the plantation area, support is also provided for intercropping @ Rs. 1000/- per ha/year for critical inputs to various types of intercrops. Chhattisgarh is eligible for assistance @ 60 (Central share) : 40 (State share).

Issues

- Since no proposal was received from the State.
- No funds were released during 2016-17.

6. GUJARAT

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Soybean, Groundnut R&M, Sesame, Castor are mainly grown as oilseed crops in the State. The crop-wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	1843.0	1401.0	1414.00	1753.0
	Production	4917.6	3018.0	2339.10	3737.0
	Yield	2668	2154	1654	2132
Sesame	Area	236.0	181.0	164.00	195.0
	Production	121.0	102.0	64.00	88.0
	Yield	513	564	390	451
Soybean	Area	60.0	57.0	80.00	134.0
	Production	44.0	43.0	54.00	96.0
	Yield	733	754	675	716
Castor	Area	627.0	715.0	714.00	639.0
	Production	1287.9	1456.0	1413.00	1420.0
	Yield	2054	2036	1979	2222
R & M	Area	282.0	185.0	190.00	200.0
	Production	486.0	263.0	306.00	347.0
	Yield	1723	1422	1611	1735
Total oilseeds	Area	3079.0	2545.6	2568.40	2926.0
	Production	6870.4	4886.9	4179.10	5691.0
	Yield	2231	1920	1627	1945

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However, in the State only MM-I and MM-II for oilseeds are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 6500.14 lakh (central share Rs. 3916.14 lakh & state share Rs. 2584.00 lakh) which is being implemented by the State Department of Agriculture. An amount of Rs. 1227.58 lakh has been released during 2016-17, out of which an expenditure of Rs. 1443.65 lakh (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	3568.00	961.08	4529.08	1304	2279	338.89	89.29	472.57
2015-16	1590.98	1060.67	2651.65	624.49	624.49	797.88	797.88	1595.75
2016-17	3916.14	2584.00	6500.14	2282.11	2282.11	1443.65	962.43	2406.08

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of soybean which is less than national average.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State Department of Horticulture is implementing the oil palm development programme in the State from 1992-93. So far only 5054 ha area has been achieved up to March, 2016 out of 2.60 lakh ha potential area identified in the State. Presently, the programme is being implemented in 11 districts viz; Bharuch, Narmada, Anand, Vadodara, Valsad, Panchmahal, Kheda, Navsari, Surat, Tapi and Chota Udepur. One processing mill has been established at Maroli in Navsari district, which have a capacity of 2.5 MT/hrs for crushing Fresh Fruit Bunches (FFBs). This processing plant was handed over to M/s. Ruchi Soya Industries Ltd. during the year 2009 which is not functional due to unavailability of required quantity of raw materials.

Physical progress

The Oil Palm area expansion in Gujarat under various programmes is operational since 2005-06 and against a target of 9645 ha 9050 ha area under oil palm has been achieved (till Jan, 2017) and 8082 Mt of FFBS have been produced from 2005-06 to 2016-17. The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2005-06 to 2016-17 is given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005 to 2011-12	6,050	2,885	167	0
2012-13	1,130	377	134	0
2013-14	1,253	454	158	0
2014-15	450	281	409	0
2015-16	311	358	523	0
2016-17	451	185	3403	0
Total	9645	9050	8082	0

Financial progress

The year-wise details of funds allocation, releases and expenditure from 2012-13 to 2016-17 under ISOPOM, OPAE and NMOOP are given below:

(Rs. in lakh GOI share)

Year	Allocation	Release	Expenditure
2012-13*	57.76	60.00	33.92
2013-14*	50.48	37.14	39.94
2014-15	96.82	96.82	28.53
2015-16	55.92	22.45	95.69
2016-17	88.21	51.81	13.39

* ISOPOM/OPAE

During the year 2016-17, the Govt. of India has approved an Annual Action Plan (AAP) of the State for an amount of Rs. 147.02 lakh comprising of Rs. 88.21 lakh as a central share and Rs. 58.81 lakh as State share for implementing this programme. Out of this, an amount of Rs. 51.81 lakh has been released to the State As per progress report received from the month of January, 2017. The State has utilized only Rs. 13.39 lakh.

Issue

- The progress of oil palm development programme in the State is not satisfactory.
- The oil palm mill is required to be operationalised.
- During 2016-17 slow progress is noted under area expansion.

7. HARYANA

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M) and sunflower are main oilseed crops and grown over an area of about 5.11 lakh ha. The state was covered under earlier scheme of Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize (ISOPOM) implement from 2004-05 to 2013-14. The crop wise area, production and yield of oilseeds in the state during last couple of years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Rapeseed-Mustard	Area	537.0	493.0	505.00	600.0
	Production	880.0	706.0	805.00	958.8
	Yield	1639	1432	1594	1598
Sunflower	Area	5.0	11.6	600.00	15.00
	Production	12.0	32.1	958.8	26.0
	Yield	2400	2767	1598	1733
Total oilseeds	Area	549.1	510.6	522.20	624.0
	Production	899.0	743.4	829.66	993.8
	Yield	1637	1456	1589	1593

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State only MM-I for oilseeds and MM-III for TBOs are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 1311.66 lakh (central share Rs. 787.00 lakh & state share Rs. 524.00 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs.884.80 lakh (CS) has been revalidated and Rs. 884.80 lakh have been released during 2016-17 out of which an expenditure of Rs. 109.79 lakh (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure incurred 2014-15 and 2016-17 are given as under.

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	691.99	218.80	910.79	242.00	62.79	185.65	61.88	247.53
2015-16	1023.66	1023.66	2047.32	831.47	831.47	259.39	259.39	518.77
2016-17	787.00	524.00	1311.66	0.00	884.80	109.79	73.19	182.98

Issues

- The State may explore the possibilities for area coverage under R&M, and sunflower under rice fallows.
- To ensure participation of district level officers in monitoring of FLDs being organized by ICAR/KVKs.
- Even though the state has not reported physical progress, financial expenditure so far.

8. JAMMU & KASHMIR

MM-I (Oilseeds) Programme:

Among 9 oilseed crops only two crops namely R&M and Sesame are cultivated in the State. R&M is cultivated on an area of 59 thousand ha which has more than 93% of total area. Area, production and yield have been fluctuating in the State. As per 2nd advance estimates received from Directorate of E&S, the crop wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area- 000' ha; Production- 000' tonne and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Sesame	Area	4.9	3.8	3.7	3.7
	Production	2.2	1.6	1.5	1.6
	Yield	436	413	410	432
R & M	Area	60.3	55.3	50.5	59.0
	Production	56.4	38.7	30.9	40.0
	Yield	935	700	612	677
Total oilseeds	Area	65.7	59.2	54.44	63.0
	Production	58.8	40.4	31.1	41.9
	Yield	895	682	599	665

National Mission on Oilseeds and Oil Palm (NMOOP) is implemented from 2014-15 in the state. NMOOP is comprising of 3 Mini Missions (MM), one each for Oilseeds (MM-I), Oil Palm (MM-II) and Tree Borne Oilseeds- TBOs (MM-III). However, MM-I for oilseeds and MM-III for TBOs are under implementation in the State.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 38.82 lakh (Central Share of Rs. 89.69 & State share Rs. 9.97 lakh). The programme is being implemented through State Department of Agriculture. The State has reported unspent balance of Rs. 38.82 lakh (CS), out of which Rs. 91.45 lakh has also been released. The expenditure incurred has not yet been conveyed so far. The detail of allocation, release and expenditure incurred from 2014-15 to 2016-17 is as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	115.01	36.38	151.39	86.25	110.48	30.55	9.91	40.46
2015-16	158.01	17.58	175.59	0.00	79.93	22.61	22.61	45.22
2016-17	89.69	9.97	38.82	91.45	148.77	Not Received so far		

Issues

- Participation of district level officers in monitoring of FLDs being organized by ICAR/KVKS may be ensured.
- Productivity improvement of oilseeds particularly of R&M.
- No Progress Report has been sent by the State so far.
- Utilization Certificate during 2015-16 is awaited.
- Progress report on DBT is awaited.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 10.99 lakh for 2016-17 has been made for the plantation of Wild Apricot and Olive on an area of 45 ha and 7 ha, respectively. Besides, farmer's as well as Extension Worker's training has also been approved. Jammu & Kashmir is eligible for assistance @ 90 (Central share): 10 (State share).

Issues

- Unspent balance of previous year has been revalidated.
- No new release was made during 2016-17.
- The physical and financial progress is awaited.

9. JHARKHAND

MM-I (Oilseeds) Programme:

Groundnut, sesame and niger are the major oilseed crops during in kharif and R&M and linseed are rabi oilseed crops in Jharkhand. The crop wise area, production and yield of oilseeds in the state last three years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	22.5	24.5	25.05	27.4
	Production	26.9	24.8	20.80	28.7
	Yield	1194	1013	830	1047
Sesame	Area	5.6	6.4	5.17	5.7
	Production	2.1	2.3	1.83	2.0
	Yield	375	359	354	355
Niger	Area	3.9	4.0	3.60	2.9
	Production	1.9	2.4	1.87	1.3
	Yield	483	603	520	458
R&M	Area	216.6	201.4	194.23	264.0
	Production	136.3	126.0	135.67	188.7
	Yield	629	625	698	715
Linseed	Area	25.5	28.8	25.86	34.2
	Production	14.5	20.5	13.80	18.5
	Yield	568	709	534	541
Total oilseeds	Area	275.8	267.5	259.15	338.0
	Production	182.9	177.6	176.49	241.4
	Yield	663	664	681	714

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State only MM-I for oilseeds, MM-II for oil palm and MM-III for TBOs are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 635.00 lakh (central share Rs. 381.00 lakh & state share Rs. 254.00 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs. 37.46 lakh (CS) has been revalidated and funds of Rs. 37.46 lakh have been released during 2016-17 out of which an expenditure of Rs. 53.67 lakh (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	237.55	74.17	311.71	118.77	118.77	0.00	0.00	0.00
2015-16	438.81	438.81	877.62	0.00	0.00	22.61	22.61	45.22
2016-17	381.00	254.00	635.00	127.00	161.46	53.67	39.72	93.39

Issues

- The State may promote cultivation of oilseed crops in rice fallow areas.
- No work was executed by the State because no budgetary provision was be made during 2014-15.
- During 2015-16 a total allocation of Rs.877.62 lakh was approved out of which 68% achievement was reported.

10. KARNATAKA

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Groundnut, Sesame, Sunflower, Safflower and Soybean are grown over an area of about 14 lakh ha. The crop wise area, production and yield of oilseeds in the state during 2013-14 to 2016-17 years are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Sesame (K)	Area (ha)	41.0	44.0	51.00	35.00
	Production (tonnes)	23.0	22.0	24.00	18.0
	Yield (Kg/ha)	561	500	471	514
Safflower	Area (ha)	43.0	33.0	54.00	35.0
	Production (tonnes)	34.0	27.0	30.38	13.0
	Yield (Kg/ha)	791	818	563	371
Sunflower	Area (ha)	417.0	356.0	330.00	240.0
	Production (tonnes)	253.0	206.0	151.54	98.0
	Yield (Kg/ha)	607	579	459	408
Groundnut	Area (ha)	655.0	654.0	570.00	663.0
	Production (tonnes)	565.0	502.0	395.00	454.0
	Yield (Kg/ha)	863	768	693	685
Soybean	Area (ha)	219.0	256.0	258.00	310
	Production (tonnes)	270.0	189.0	140.00	221.0
	Yield (Kg/ha)	1233	738	543	713
Total	Area (ha)	1410.0	1373.0	1286.00	1301.0
	Production (tonnes)	1162.0	959.0	749.68	809.6
	Yield (Kg/ha)	824	698	583	622

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However, in the State only MM-I & MM- II are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 3163.16 lakh (central share Rs. 1897.89 lakh & state share Rs. 1265.27 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs. 92.96 lakh (CS) and funds of Rs. 1433.68 lakh for 2016-17 have been released, out of which an expenditure of Rs. 924.20 lakh (CS) has been incurred as reported by State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	1731.00	533.72	2264.72	1635.85	1830.22	1388.88	440.23	1829.11
2015-16	1973.15	1315.43	3288.58	1243.97	1243.97	1361.01	1361.01	2722.02
2016-17	1897.89	1265.27	3163.16	1433.68	1526.64	924.20	616.14	1540.34

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of safflower, sunflower, groundnut and soybean which is less than national average.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State Department of Horticulture is a nodal agency for implementing the Oil Palm Development programme in the State. Presently, the programme is being implementing in 23 districts viz. Mysore, Mandya, Chamarajnar, Hassan, Kodagu, Dakshina Kannada, Shimoga, Chickmagalur, Udupi, Davangere, Haveri, Bellary, Koppal, Raichur, Gadag, Belgaum, Uttar Kannada, Dharwar, Bijapur, Bagalkot, Yadgiri, Gulbarga and Bidar. An area of 2.60 lakh ha has been identified potential for Oil Palm cultivation, out of which, 41,431 ha has been achieved till 2015-16. Currently, in the State about 8600 farmers are cultivating oil palm. Four major oil palm companies viz., M/s. Ruchi Soya Industries Ltd., M/s. Simhapuri Agritech Pvt. Ltd., M/s. 3F Oil Palm Agrotech Ltd. and M/s. Godrej Agrovat Ltd. have been involved by the State Government for development of oil palm in their State. There are seven nurseries established in the state of Karnataka. There is one oil palm Taraka Seed garden established in the district of Mysore and three processing units in the State, with a total capacity of 11 MT/Hour.

Physical progress

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005-06 to 2011-12	27,400	22,199	47,058	8,291
2012-13	5,186	2,513	10,112	1,770
2013-14	6,173	2,858	9,917	1,736
2014-15	3,100	1,911	12,638	2,176
2015-16	2,000	1,151	14,740	2,538
2016-17*	1,600	932	29,664	5,108
Total	45,459	31,564	1,24,129	21,619

Financial progress

The year-wise details of funds allocation, release and expenditure from 2012-13 to 2016-17 under ISOPAM and NMOOP are given below:

(Rs. in lakh GOI share)

Year	Allocation	Release	Expenditure
2012-13*	232.94	86.88	143.60
2013-14*	201.78	142.62	173.73
2014-15	513.49	386.00	319.39
2015-16	183.69	91.84	134.64
2016-17	213.40	149.80	114.40

* ISOPOM

During the year 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 7.32 crore comprising of Rs. 2.13 crore as central share and Rs. 5.19 crore as State share for implementing the programme. Out of which, an amount of Rs. 1.50 crore has been released to the State and Rs. 0.24 crore was lying unspent balance with the State from the previous year. Thus, total amount of Rs. 1.74 crore is available with the State for the current year. As per their progress report received for the month of February, 2017 State has utilized only Rs. 1.14 crore.

Issue

- The progress of oil palm development programme in the State is not satisfactory from the year 2014-15.

11. KERALA

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The Oil Palm India Limited (OPIL), Kottayam, Kerala, has a joint venture of Govt. of India and Govt. of Kerala, for implementing oil palm development programme in the State. OPIL is the pioneer in the field of oil palm cultivation in the country, which has developed oil palm estates. The plantation was started initially in the year 1971 and achieved oil palm area expansion of 5769 ha up to the March, 2016. An area of 6500 ha has been identified potential for oil palm cultivation among the three estates viz. Yeroor, Chithara and Kulathupuzha. OPIL has established their own processing mill having a capacity of 20 MT FFBS per hour for crushing at Yeroor estate. They have also established hybrid seed production garden from where about 10.00 lakh seeds are produced and the same is supplied to the entrepreneurs inside and outside the State. OPIL is a profit making organization, which has been paying dividend to Govt. of India and Govt. of Kerala.

Physical progress

The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2005-06 to 2016-17 is given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005-06 to 2011-12	2,755	995	2,55,291	47,516
2012-13	250	36	41,350	7,378
2013-14	50	54	38,350	6,303
2014-15	500	24	40,798	6,515
2015-16	100	5	40,611	7,016
2016-17	50	9	26,310	4,577
Total	3705	1123	4,42,710	79,305

Financial progress

The year-wise details of funds allocation, release and expenditure from 2012-13 to 2016-17 under ISOPOM and NMOOP are given below:

(Rs. in lakh)

Year	Allocation	Release(GOI share)	Expenditure
2012-13*	64.95	0.00	21.36
2013-14*	20.04	0.00	24.24
2014-15	69.01	41.41	6.53
2015-16	21.13	2.00	3.18
2016-17	13.86	0.00	2.35

* ISOPOM

During 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 23.10 lakh comprising of Rs. 13.86 lakh as Central share and Rs. 9.24 lakh as State share for implementing the programme. No fund has been released to the State as Rs. 33.70 lakh was available as unspent balance from the previous year. As per progress report received for the month of January, 2017, the State has only utilized Rs. 2.35 lakh.

Issue:- The State Government has not released the state share to the OPIL so far.

12. MADHYA PRADESH

MM-I (Oilseeds) Programme:

Madhya Pradesh is a major oilseeds growing State with 26% contribution in area and 26% production of oilseeds in the country. Out of 70 lakh ha area, more than 54 lakh is under soybean cultivation in MP. Mustard is also a major rabi crop grown over an area of about 7 lakh ha although the total area coverage under oilseeds has decreased in the State during last 3-4 years, however the productivity level has increased which has results in higher production level. The crop wise area, production and yield of oilseed crops from 201-13 to 2016-17 are given below:

(Area 000' ha, Production000' tonnes and Yield (Kg/ha)

Crop	Unit	2012-13	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	205.7	206.9	231.0	236.0	255.0
	Production	311.7	324.2	370.0	331.6	433.2
	Yield	1515	1567	1602	1405	1699
Niger	Area	86.9	74.5	43.0	80.0	74.0
	Production	29.8	27.5	16.0	23.0	30
	Yield	343	369	372	288	405
Sesame	Area	314.5	266.9	359.0	365.0	380.0
	Production	157.1	140.1	186.0	179.6	219.5
	Yield	500	525	518	492	578
Rapeseed-Mustard	Area	784.6	762.0	713.0	617.0	708.0
	Production	919.2	844.3	717.2	666.0	802.0
	Yield	1172	1108	1006	1079	1133
Linseed	Area	109.7	110.4	111.0	116.0	121.0
	Production	57.4	55.0	60.0	55.0	59.0
	Yield	523	498	541	474	488
Soybean	Area	6031.6	6308.6	5578.0	5906.0	5401.0
	Production	7800.1	5242.4	6353.0	4907.9	7048.0
	Yield	1293	831	1139	831	1305
Total	Area	7534.4	7732.0	7066.1	7336.0	6985.0
	Production	9276.0	6634.9	7724.2	6171.0	8614.7
	Yield	1231	858	1093	841	1233

The National Mission on Oilseeds and Oil Palm (NMOOP) is implemented from 2014-15 in the state. NMOOP comprises of 3 Mini Mission (MM), one each for Oilseeds (MM-I), Oil Palm (MM-II) and Tree Borne Oils (MM-III). However, only MM-I and MM-III are implemented in the State.

Under MM-I, Annual Action Plan (AAP) has been approved with a total outlay of Rs. 16320.74 lakh (Central Share of Rs. 9792.44 & State share Rs. 6528.3 lakh) which is being implemented through State Department of Agriculture A sum of Rs. 2251.40 lakh (CS) has been revalidated and another amount of Rs. 2574.25 lakh has been released during current year (2016-17). An expenditure of Rs. 1711.01 lakh (CS) has been incurred (up to December, 2016) out of Rs. 4825.65.

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	7499.99	2343.75	9843.74	4500.80	4527.36	2579.74	839.34	3415.08
2015-16	4330.28	2886.80	7217.08	2614.64	2614.64	1627.50	1627.50	3254.99
2016-17	9792.44	6528.3	16320.74	2574.25	4825.65	1711.01	1140.66	2851.67

Issues

- Participation of district level Officers in monitoring of FLDs being organized by ICAR/KVKS.
- Expenditure incurred so far is very slow.
- Component-wise progress report is not received, in time.
- Progress report on DBT is awaited.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- integrated development of nurseries & plantation on the wasteland,
- maintenance of TBOs plantation,
- incentives for undertaking intercropping with TBOs,
- research and development,
- distribution of pre-processing, processing and oil extraction equipment,
- support to TRIFED,
- training of farmers,
- training of extension workers and
- local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 12.88 lakh for 2016-17 has been made for the plantation of Karanja (21 ha), Mahua (31 Ha) and Neem (30 Ha). Besides, intercropping in 82 ha, farmer's as well as Extension Worker's trainings have also been approved. Some pre-processing and processing equipments namely Karanja decorticator, Neem decorticator and oil expeller has also been sanctioned to exploit the existing potential. A sum of Rs. 3.44 lakh has been released during the year so far. M.P. is eligible for assistance @ 60 (Central share): 40 (State share).

Issues

- The State has so far utilized about 25% of released budget.
- The physical and financial progress is awaited.

13. MAHARASTRA

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Soybean, Groundnut, Safflower, Sunflower, Sesame, Niger seeds and Linseed are grown over an average area of about 38.96 lakh ha. The state was covered under earlier scheme of Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize (ISOPOM) implement from 2004-05 to 2013-14. The crop wise area, production and yield of oilseeds in the state during last couple of years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Soybean	Area (ha)	3520.00	3640.00	3702.00	3976.00
	Production(tonnes)	4754.9	2384.2	2061.09	4958.1
	Yield (Kg/ha)	1351	655	557.00	1247.00
Groundnut	Area(ha)	315.00	327.00	309.00	277.6
	Production(tonnes)	393.00	379.00	334.00	358.0
	Yield (Kg/ha)	1248	1159	1081	1290.00
Safflower	Area (ha)	107.0	105.0	57.00	53.00
	Production(tonnes)	61.0	36.0	13.00	27.0
	Yield (Kg/ha)	570	343	228.00	509
Sunflower	Area (ha)	71.00	82.00	47.00	24.00
	Production(tonnes)	44.00	33.00	10.00	9.00
	Yield (Kg/ha)	620	402	213.00	375.00
Sesame	Area(ha)	40.00	21.00	30.00	22.00
	Production(tonnes)	11.00	4.00	4.00	5.3
	Yield (Kg/ha)	275	190	133.00	241.00
Niger seed	Area(ha)	40.00	16.00	12.00	17.00
	Production(tonnes)	13.00	3.00	2.00	4.0
	Yield (Kg/ha)	325	188	167.00	235.00
Linseed	Area (ha)	31.0	24.0	16.00	14.00
	Production(tonnes)	8.0	5.0	4.00	3.0
	Yield (Kg/ha)	258	208	250.00	214.00
Total oilseeds	Area (ha)	4148.00	4242.00	4204.00	4398.6
	Production(tonnes)	5293.9	2850.2	2436.09	5369.4
	Yield (Kg/ha)	1276	672	579.00	1221.00

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However, only MM-I and MM-III are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 9755.00 lakh (central share Rs. 5853.00 lakh & state share Rs. 3902.00 lakh) which is being implemented by the State Department of Agriculture. Amounts of Rs. 225.86 lakh have been released during 2016-17 out of which an expenditure of Rs. 2290.31 (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	4500.00	1405.97	5905.96	3374.80	3457.49	3428.60	1071.84	4500.44
2015-16	1968.45	1550.94	3519.39	1962.23	1962.23	1529.33	1529.33	3058.65
2016-17	5853.00	3902.00	9755.00	3605.90	3831.76	2290.31	1703.84	3994.15

Issues

- The district level officers participation in monitoring of FLDs being organized by ICAR / KVKs.
- The State may ensure Productivity improvement of oilseeds particularly in case sunflower, niger, safflower and sesame.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- integrated development of nurseries & plantation on the wasteland,
- maintenance of TBOs plantation,
- incentives for undertaking intercropping with TBOs,
- research and development,
- distribution of pre-processing, processing and oil extraction equipment,
- support to TRIFED,
- training of farmers,
- training of extension workers and
- local initiatives/contingency.

Progress during 2015-16

The AAP allocation (Central share) of Rs 30.74 lakh for 2015-16 was made for the plantation of Karanja (50 ha), Mahua (167 ha) and Kokum (140 ha). Besides, maintenance of plantation in about 190 ha was also sanctioned. The state has reported that the plantation in about 282 ha for Karanja (20ha), Mahua (132 ha) and Kokum (129 ha) was completed. The maintenance of 106 ha plantation was done. A sum of Rs. 20.24 lakh was utilized against the release of Rs.20.63 lakh out of sanctioned budget of Rs 30.74 lakh during 2015-16.

Progress during 2016-17

The AAP allocation (Central share) of Rs 81.01 lakh for 2016-17 has been made for the plantation of Karanja (150 ha), Mahua (271 ha) and Kokum (250 ha). Besides, maintenance of plantation in about 460 ha has also been sanctioned with the assistance of 60 (Central share): 40 (State share). A sum of Rs. 40.51 lakh has been released during the year so far. The summaries of financial status are as under:

(Rs. In lakh)

S.NO.	Year	Mission	Approved AAP(Central share)	Released	Expenditure
1.	2015-16	MM-III	30.74	20.63	20.24
2.	2016-17	MM-III	81.01	40.51	awaited

Issues

- The State has not made any expenditure so far.
- The physical and financial progress is awaited.

14. MANIPUR

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), sesame, and soybean are major crops grown in State. The crop wise area, production and yield of oilseeds grown in the State during 2013-14 a 2014-15 are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Rapeseed-Mustard	Area	28.5	28.3	29.00
	Production	23.9	24.5	24.52
	Yield	837	867	846
Groundnut	Area	3.2	3.1	3.38
	Production	393.0	379.0	2.97
	Yield	1248	1159	879
Total oilseeds	Area	36.9	36.7	37.49
	Production	31.0	31.7	31.77
	Yield	840	863	847

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I, for oilseeds is under implementation.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs.169.36 lakh (central share Rs 152.42. lakh & state share Rs. 16.94 lakh) which is being implemented by the State Department of Agriculture. An amount of Rs. 91.45 lakh has been released during 2016-17, out of which no expenditure has been incurred so far. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	264.64	87.21	351.85	198.48	198.48	124.05	41.35	165.40
2015-16	133.20	133.20	266.40	66.60	66.60	33.30	33.30	66.60
2016-17	152.42	16.94	169.36	91.45	91.45	0.00	0.00	0.00

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of R&M and groundnut and which is less than national average.
- During 2017, 500 Number of minikits of mustard have been allocated to the State.

15. MEGHALAYA

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), sesame, and soybean are major crops grown in State. The crop wise area, production and yield of oilseeds grown in the State during 2013-14 and 2014-15 are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Soybean	Area	1.6	1.7	1.74
	Production	2.9	3.3	3.44
	Yield	1820	1947	1982
Rapeseed-Mustard	Area	9.8	9.8	9.79
	Production	9.2	9.4	9.47
	Yield	938	956	967
Sesame	Area	2.2	2.2	2.23
	Production	2.0	2.1	2.16
	Yield	886	932	968
Total oilseeds	Area	13.7	13.9	37.49
	Production	14.1	14.9	15.19
	Yield	1030	1071	1091

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I for oilseeds is under implementation.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 54.60 lakh (Central share of Rs.49.14 lakh & state share of Rs.5.46 lakh) which is being implemented by the State Department of Agriculture. The details of allocation, release and expenditure from 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	0.00	0.00	0.00					
2015-16	0.00	0.00	0.00					
2016-17	49.14	5.46	54.6	0.00	0.00	0.00	0.00	0.00

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of R&M, sesame and soybean which is less than national average.

16. MIZORAM

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), Sesame, Soybean and Rapeseed-Mustard are major crops grown in Mizoram. The crop wise area, production and yield of oilseeds in the state during last three years are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Rapeseed-Mustard	Area	0.3	0.3	0.74
	Production	0.3	0.3	0.69
	Yield	1100	1000	934
Sesame	Area	0.8	0.8	0.87
	Production	0.6	0.6	0.65
	Yield	740	769	749
Soybean	Area	1.0	1.0	1.05
	Production	1.5	1.5	1.61
	Yield	1480	1413	1539
Total oilseeds	Area	2.1	2.1	2.66
	Production	2.4	2.4	2.96
	Yield	1146	1117	1112

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds (TBOs). MM-I is not being implemented by states, however, MM-II and MM-III are being implemented.

Under MM-I, an allocation of Rs. 10.00 lakh (central share Rs. 9.00 lakh & state share Rs. 1.00 lakh) was made for the year 2016-17 however, no AAP was submitted by the State for the current year. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	0.00	0.00	0.00					
2015-16	0.00	0.00	0.00					
2016-17	9.00	1.00	10.00	0.00	0.00	0.00	0.00	0.00

Issues

- No AAP was submitted by the State for 2016-17.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State Department of Agriculture is nodal agency for implementing the oil palm development programme which is under implementation since 2004-05. Presently the programme is being implemented in 7 districts viz; Aizawl, Kolasib, Mamit, Serchhip, Lunglei, Lawngtlai and Saiha. An area of 61,000 ha has been identified as potential area for oil palm cultivation, out of which, an area of 25,741 hectare has been achieved up to March, 2016. Under OPAE programme, three Oil Palm mills were approved for with financial support of Rs. 250 lakh each mill @ 50% of the cost of plant and equipments. Out of three, one mill has already started processing of Fresh Fruits Bunches (FFBs) of oil palm at Kolasib District in Mizoram. The work for in two mills is in progress. The Government of India has approved two new seed garden for the State and has provided financial assistance of Rs. 26.00 lakh as per the norms in the guidelines of NMOOP.

Physical progress

So far the state has achieved oil palm area expansion on 27,399 ha and production of 13,814 MT of FFBs since 2005-06. The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2005-06 to 2016-17 is given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005-06 to 2011-12	14,166	11,716	600	0
2012-13	5,000	3,711	1,339	0
2013-14	5,000	4,532	1,544	0
2014-15	4,000	2,789	2096	365
2015-16	3,361	2,981	3753	432
2016-17*	3,000	1,670	4480	18
Total	34,527	27,399	13,814	815

Financial progress

The year-wise details of funds allocation, release and expenditure incurred from 2012-13 to 2016-17 under ISOPOM, OPAE and NMOOP are given below:

Year	Allocation	Release	(Rs. in lakh GoI share)
			Expenditure
2012-13*	0.00	0.00	0.00
2013-14*	146.25	146.25	146.25
2014-15	891.14	668.36	668.36
2015-16	1165.20	454.80	454.80
2016-17	1363.36	1043.99	1043.99

*** ISOPOM/OPAE**

During the year 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 1514.84 lakh comprising of Rs. 1363.36 lakh as Central share and Rs. 151.48 lakh as State share for implementing the programme. Out of this Rs. 1043.99 lakh fund has been released to the State. As per progress report received for the month of December, 2016, the State has fully utilized the fund released during current year.

Issue

- The progress of oil palm development programme in the State is satisfactory.
- State has share not been released so far by the State.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 84.61 lakh for 2016-17 has been made for the plantation of Olive in 138 ha. Olive has gestation period of 4 years and during gestation period, to enhance the additional income from the plantation area, support is also provided for intercropping @ Rs. 1000/- per ha/year for critical inputs to various types of intercrops. Mizoram is eligible for assistance @ 90 (Central share): 10 (State share). A sum of Rs. 41.98 lakh has been released during the year so far.

Issues

- The fund released during 2016-17 has been fully utilized.
- The State has intimated that no further release may be made.

17. NAGALAND

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Soybean, Rapeseed-Mustard, Sesame, Linseed and Sunflower are mainly grown as oilseed crops in the State. The crop-wise area, production and yield of oilseeds in the State from 2013-14 to 2015-16 are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Soybean	Area	5.8	5.8	24.86
	Production	4.6	4.7	31.17
	Yield	803	808	1254
Sesame	Area	3.6	3.6	3.58
	Production	2.2	2.2	2.16
	Yield	602	602	603
Rapeseed-Mustard	Area	27.2	27.3	27.54
	Production	27.5	27.6	27.84
	Yield	1010	1012	1011
Sunflower	Area	2.3	2.4	2.51
	Production	1.5	1.5	1.61
	Yield	649	636	641
Linseed	Area	5.8	5.8	5.79
	Production	4.6	4.7	4.68
	Yield	803	808	808
Total oilseeds	Area	64.8	65.0	65.50
	Production	67.9	68.1	68.60
	Yield	1048	1048	1047

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I and II are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 307.78 lakh (central share Rs. 277.00 lakh & state share Rs. 30.78 lakh) which is being implemented by the State Department of Agriculture. An amount of Rs 254.73 lakh (CS) has been released during current year, out of which an expenditure of Rs. 241.83 lakh (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	367.61	97.69	465.29	367.63	367.63	372.99	101.45	464.45
2015-16	121.72	13.52	135.24	56.14	56.14	32.44	32.44	64.88
2016-17	277.00	30.78	307.78	254.73	254.73	241.83	0.00	241.83

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- MPR has not been received so far from the State.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The Agriculture Department is a nodal agency for implementing the oil palm development programme in Nagaland. The State has about 50,000 ha area potential for oil palm cultivation in 8 districts viz; Dimapur, Peren, Mokokchung, Wokha, Mon, Longleng, Phek and Zunheboto, out of which, an area of 140 ha has been achieved under oil palm cultivation up to March, 2016. Four major entrepreneurs viz; M/s. Shivasais Oil Palm Limited, M/s. Ruchi Soya Industries Ltd., M/s. 3F Oil Palm and M/s. Equator Oil Palm Ltd. have been involved by the State Government for development of oil palm. As reported by the Govt. of Nagaland, only one entrepreneur viz; M/s. Shivasais Oil Palm Limited has opened a field office at Dimapur and also posted an experienced Resident Associate Manager along with local domicile junior officer. The Company has also been established three oil palm nurseries in Dimapur, Peren and Mokokchung districts. Out of four companies, only one M/s. Shivasais Oil Palm Limited is playing active role in development of oil palm in the State.

Physical progress

The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2014-15 to 2016-17 is given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2014-15	0	0	0	0
2015-16	550	140	0	0
2016-17*	1200	1200	0	0
Total	1750	1340	0	0

Financial progress

The year-wise details of funds allocation, releases and expenditure from 2012-13 to 2016-17 under ISOPOM, OPAE and NMOOP are given below:

(Rs. in lakh GoI share)

Year	Allocation	Release	Expenditure
2012-13*	0.00	0.00	0.00
2013-14*	146.25	146.25	146.25
2014-15	67.94	67.96	78.40
2015-16	128.44	64.22	64.22
2016-17	326.17	285.17	269.98

* ISOPOM/OPAE

During the year 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 362.42 lakh comprising of Rs. 326.17 lakh as Central share and Rs. 36.25 lakh as State share for implementing the programme. Out of this, Rs. 285.17 lakh fund has been released to the State. As per progress report received for the month of December, 2016, the State has utilized Rs. 269.98 lakh.

Issue

- State matching share is yet to be released by the State Government.
- The State is not submitting the progress report on regular basis.

18. ODISHA

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M), sesame, linseed and niger are major crops grown in Odisha. The crop wise area, production and yield of oilseeds in the state during last three years are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Sesame	Area	23.5	25.9	20.03	23.6
	Production	5.6	6.7	4.14	5.3
	Yield	238	257	207	226
Niger	Area	64.8	68.9	63.93	65.2
	Production	23.3	24.9	22.55	23.6
	Yield	359	362	353	362
Linseed	Area	22.9	24.0	20.70	15.0
	Production	11.0	11.5	9.87	7.4
	Yield	478	478	477	491
Castor	Area	12.7	10.9	10.45	10.8
	Production	8.1	7.0	6.60	7.1
	Yield	639	638	632	660
Sunflower	Area	24.9	21.4	16.03	25.3
	Production	29.4	25.7	19.06	31.7
	Yield	1200	1202	1189	1250
Total oilseeds	Area	223.4	212.0	190.05	210.7
	Production	168.8	141.5	120.11	151.6
	Yield	755	667	632	719

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State MM-I & II for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 543.33 lakh (central share Rs. 326.00 lakh & state share Rs. 217.33 lakh) which is being implemented by the State Department of Agriculture. The funds of previous years have been revalidated and an amount of Rs. 670.48 has been released during 2016-17, out of which an expenditure of Rs. 475.89 (CS) has been incurred as reported by State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	346.02	105.71	451.72	202.55	202.55	304.58	94.16	398.74
2015-16	330.00	330.00	660.00	330.00	330.00	284.09	284.09	568.19
2016-17	326.00	217.33	543.33	670.48	803.52	475.89	317.26	793.15

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of sesame and castor which is less than national average.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State Department of Horticulture is the Nodal Department for implementation of the programme in the State. The State is implementing the Oil Palm Development Programme since 2006-07. An area of 56,000 ha has been identified as potential area for oil palm cultivation in 30 districts of the State, out of which, an area of 18,484 ha has been achieved up to March, 2016 15 districts of the State. One processing mill has been established at Attada in Rayagada district by M/s. Laxmi Balaji Oil Mills Pvt. Ltd. having capacity of 5.0 MT/hour. The Government has involved six major Oil Palm Companies for oil palm development in the State viz; M/s. Lakshmi-Balaji Oils Pvt. Ltd.- Koraput, rayagada and Nowarangpur districts; M/s. Godrej Oil Plantations Ltd. - Ganjam, Gajapati and Baragarh districts; M/s. 3F Oil Palm Agrotech Pvt. Ltd.- Dhenkanal, Jajpur and Cuttack districts; M/s. Ruchi Soya Industries Ltd.- Mayurbhanj, Balasore and Bhadrak districts; M/s. Vaidehi Palms Pvt. Ltd. - Nayagarh and Boudh districts; M/s. Ingaran Biotech- Sonepur district.

Physical progress

The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2005-06 to 2016-17 is given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005-06 to 2011 -12	9,700	9,591	24,111	4098
2012-13	5,000	3,150	2,920	443
2013-14	4,000	2,000	3,639	558
2014-15	1,246	1,246	3,769	557
2015-16	1,744	1,013	4,569	618
2016-17*	1,260	1412	5084	0
Total	22,950	18,412	44,092	6,274

Financial progress

The year-wise details of funds allocation, release and expenditure from 2012-13 to 2016-17 under ISOPOM, OPAE and NMOOP are given below:

(Rs. in lakh)

Year	Allocation	Release(GOI share)	Expenditure
2012-13*	152.38	131.78	131.78
2013-14*	168.12	168.08	168.08
2014-15	713.98	713.98	713.98
2015-16	437.35	218.68	218.68
2016-17	279.18	285.17	269.98

* ISOPOM/OPAE

During the year 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 465.30 lakh comprising of Rs. 279.18 lakh as Central share and Rs. 186.12 lakh as State share for implementing the programme. Out of this, Rs. 171.13 lakh has been released to the State. As per progress report received for the month of February, 2017, the State has utilized Rs. 231.47 lakh.

Issue

- The progress of oil palm development programme in the State is not satisfactory from the year 2013-14.
- The physical and financial progress report is also not being received from the State regularly. State share is not indicated in financial progress report.

19. PUNJAB

MM-I (Oilseeds) Programme:

R&M, Sunflower and Sesame are major oilseeds grown in the State out of which larger area is under R&M, which also grown a mixed crop on bunds of wheat crop. The crop wise area, production and yield of oilseeds grown in the State during last three years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Rapeseed-Mustard	Area	32.0	31.0	31.00	39.0
	Production	41.8	38.7	41.80	50.7
	Yield	1306	1248	1348	1300
Sunflower	Area	10.7	8.5	6.40	0.00
	Production	18.6	15.0	11.50	0.00
	Yield	1738	1765	1797	0.00
Sesame	Area	4.1	4.7	4.70	4.5
	Production	1.4	1.4	1.60	1.6
	Yield	341	298	340	356
Total	Area	48.1	45.6	43.10	95.0
	Production	64.2	57.7	56.80	55.2
	Yield	1335	1265	1318	1227

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State only MM-I for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 104.83 lakh (Central share Rs. 62.90 lakh & State share Rs. 41.93 lakh) which is being implemented by the State Department of Agriculture. Amounts of Rs.0.00.00 lakh have been released during 2016-17 out of which no expenditure has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	114.00	36.08	150.08	40.00	40.00	32.58	10.86	43.45
2015-16	49.90	49.90	99.81	0.00	0.00	38.74	38.74	77.48
2016-17	62.93	41.95	104.83	0.00	0.00	0.00	0.00	0.00

Issues

- The Nodal officers and district level Officers participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- During last year, the state has not implemented the Annual Action Plan.
- During current year, the state has reported 'Nil' physical and financial progress up to the month of October, which indicates poor initiative by the State Govt. for implementation of the programme.

20. RAJASTHAN

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, R&M, soybean, sesamum, groundnut and castor are grown over an area of about 44.61 lakh ha. The state was covered under earlier scheme of Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize (ISOPOM) which was implemented from 2004-05 to 2013-14. The crop wise area, production and yield of oilseeds in the state during last 3 years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area(ha)	462.00	500.8	516.85	556.1
	Production(tonnes)	900.9	1011.2	1048.72	1184.7
	Yield (Kg/ha)	1950	2019	1081	2130
Castor	Area(ha)	195.3	226.3	191.43	170.6
	Production(tonnes)	286.1	335.1	269.86	250.8
	Yield (Kg/ha)	1465	1481	1410	1470
Sesame	Area(ha)	360.6	329.9	366.74	266.9
	Production(tonnes)	72.1	112.5	115.31	94.3
	Yield (Kg/ha)	200	341	133	353
R & M	Area (ha)	3078.9	2474.4	2532.33	2680.0
	Production(tonnes)	3797.1	2895.7	3257.99	3639.4
	Yield (Kg/ha)	1233	1170	300	1358
Soybean	Area (ha)	1175.1	923.1	1204.77	1055.6
	Production(tonnes)	974.7	956.6	998.76	1233.5
	Yield (Kg/ha)	829	1036	829	1168
Total	Area (ha)	5274.0	4457.2	4813.96	4730.1
	Production(tonnes)	6033.8	5314.3	5692.50	6403.8
	Yield (Kg/ha)	1144	1192	1182	1358S

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State only MM-I for oilseeds and MM-III for TBOs is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 9826.47 lakh (central share Rs. 5895.89 lakh & state share Rs. 3930.59 lakh) which is being implemented by the State Department of Agriculture. Amounts of Rs. 3609.146 lakh have been released during 2016-17 out of which an expenditure of Rs. 2499.11 (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	4961.02	1528.84	6489.86	4667.61	5539.50	2441.27	788.42	3229.69
2015-16	4757.65	3171.78	7929.43	3413.83	3413.83	2537.89	2537.89	5075.78
2016-17	5895.89	3930.59	9826.47	2393.02	2393.02	2499.11	1666.07	4165.18

Issues

- The district level Officers participation in monitoring of FLDs being organized by ICAR / KVKs may be ensured.
- The State needs to make efforts for Productivity improvement of oilseeds particularly in case of castor.
- Promotion of soybean cultivation in relatively more productive area of Udaipur.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 124.07 lakh for 2016-17 has been made for the plantation of Olive (300 ha), Neem (50ha), Jojoba (50 ha), Karanja (50 ha) and Mahua (50 ha). These TBOs have long gestation period of 4-5 years and during gestation period, to enhance the additional income from the plantation area, support is also provided for intercropping @ Rs. 1000/- per ha/year for critical inputs to various types of intercrops. Rajasthan is eligible for assistance @ 60 (Central share): 40 (State share). A sum of Rs. 40.00 lakh has been released during the year so far.

Issues

- More than 70% of release fund utilized.
- The physical and financial progress is awaited

21. SIKKIM

MM-I (Oilseeds) Programme:

Sikkim is a minor State for oilseeds crops. Among 9 oilseed crops, R & M is cultivated 53% of total oilseeds area and soybean about 47% of total oilseeds area during 2015-16. The crop-wise area, production and yield of oilseeds in the state during last 3 years are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Soybean	Area	3.9	4.1	3.28
	Prod.	3.7	3.9	3.19
	Yield	946	948	973
R & M	Area	4.1	3.9	3.66
	Prod.	3.4	3.2	3.12
	Yield	830	832	852
State Total	Area	8.0	7.9	6.94
	Prod.	7.1	7.1	6.31
	Yield	887	891	909

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds (TBOs). However, in the State only MM-I for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 37.78 lakh (central share Rs. 34.00 lakh & state share Rs. 3.78 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs. 30.12 lakh (CS) has been revalidated and no funds have been released during 2016-17 out of which no expenditure has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	69.02	17.69	86.70	69.02	69.02	25.88	8.63	34.51
2015-16	52.16	5.74	57.90	30.12	30.12	0.00	0.00	0.00
2016-17	34.00	3.78	37.78	0.00	30.12	0.00	0.00	0.00

Issues

- The State need to make effort for productivity improvement of oilseeds particularly R&M and soybean.
- Programme not implemented during 2015-2016 and 2016-17.
- Financial achievement from 2014-15 onwards is awaited.

22. TELANGANA

MM-I (Oilseeds) Programme:

As per 2nd advance estimate for 2016-17, among 9 oilseed crops Soybean, Groundnut, Castor, Sesame, and Sunflower are grown on an area of 5.22 lakh ha. Cotton area has been reduced and diversified to soybean and redgram and as such soybean area has increased from 2.43 lakh ha in 2015-16 to 2.98 lakh ha in 2016-17. The crop wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area- 000' ha; Production- 000' tonne and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Sesame	Area	39.2	24.0	14.0	15.0
	Production	12.1	10.0	3.0	6.0
	Yield	308	417	214	400
Sunflower	Area	20.0	18.0	12.0	9.0
	Production	19.0	25.0	13.0	11.0
	Yield	951	1389	1083	1222
Groundnut	Area	209.7	155.0	128.0	150.0
	Production	354.7	296.0	206.0	258.3
	Yield	1891	1910	1609	1722
Soybean	Area	0.0	242.0	243.0	298.0
	Production	0.0	262.0	252.0	397.5
	Yield	0.0	1083	1037	1334
Castor	Area	119.0	51.0	48.0	46.0
	Production	85.6	30.0	17.0	24.0
	Yield	719	588	354	522
Total	Area	387.09	496.0	450.0	522.0
	Production	471.4	630.0	496.0	701.8
	Yield	1215	1270	1102	1344

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MMs), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds (TBOs). However, MM-I and MM-II are under implementation in the State.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 961.67 lakh (Central Share of Rs. 577.00 & State share Rs. 384.67 lakh) which is being implemented through State Department of Agriculture A sum of Rs. 1091.363 lakh (CS) for MM-I has been revalidated out of which an expenditure Rs. 337.76 lakh has been incurred as reported by the State. The detail of allocation, release and expenditure incurred from 2014-15 to 2016-17 is as under:

(Rs. in lakh)

Year	Allocation			Amount Revalidated (CS)	Release (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	531.99	164.62	696.61	-	301.382	1670.15	547.21	2217.36
2015-16	720.71	720.71	1420.42	-	710.36	428.27	428.27	856.54
2016-17	577.00	384.67	961.67	1091.363	0.00	337.76	217.66	555.42

Issues

- Participation of district level officers in monitoring of FLDs being organized by ICAR/KVKS may be ensured.
- Productivity improvement of oilseeds particularly of groundnut and soybean.
- Expenditure incurred so far is slow.
- Component-wise progress report is not sent in time by the State.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State of has a potential of 50,000 ha which can be covered under oil palm in four districts i.e Khammam, Bhadradi, Suryapet and Nagonda of Telangana. Out of 50,000 ha, only 16,239 ha has been covered under Oil Palm cultivation in these districts up to March, 2016. Three oil palm entrepreneurs i.e. M/s TS Oil Fed, M/s Godrej Agrovet Pvt. Ltd. and M/s Ruchi Soya Industries Ltd area involved for oil palm development in the State. Two oil palm nurseries have been established at Nacharam (Enkur Mandal) by Godrej Agrovet and Naramvarigudem, Aswaraopet, Khammam by TS Oil Fed. One oil palm processing unit established in 2007 at Aswaraopeta by TS Oilfed in the State has a capacity of 30MT/hr.

Physical progress

The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2014-15 to 2016-17 under NMOOP are given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2014-15	2,000	972	57,873	10,012
2015-16	2,000	471	63,508	11,289
2016-17*	3,000	625	10,535	1,947
Total	7,000	2,068	1,31,916	23,248

Financial progress

The year-wise details of funds allocation, releases and expenditure from 2014-15 to 2016-17 under NMOOP are given below:

(Rs. in lakh GoI share)

Year	Allocation	Release (GOI share)	Expenditure
2014-15	558.92	317.69	205.49
2015-16	260.60	257.30	71.35
2016-17	519.81	0.00	74.70

During the year 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 866.35 lakh comprising of Rs. 519.81 lakh as Central share and Rs. 346.54 lakh as State share for implementing the programme. No funds released during the current year as huge unspent balance of Rs. 298.15 lakh is available with State from the previous years. As per progress report received for the month of December, 2016, the State has utilized only Rs. 74.70 lakh which is slow progress.

Issues

- The physical and financial progress report is not being sent the State on regular basis.

23. TAMIL NADU

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Groundnut and Sesame are mainly grown as oilseed crops in the State. The crop-wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	336.6	336.5	346.6	325.0
	Production	915.9	926.4	892.3	848.9
	Yield	2721	2753	2574	2612
Sesame	Area	56.6	64.2	46.3	50.0
	Production	33.7	44.8	29.4	30.3
	Yield	596	697	634	607
Total oilseeds	Area	408.2	415.0	407.05	389.8
	Production	964.2	985.3	932.23	892.9
	Yield	2362	2374	1102	2291

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds (TBOs). However, in the State only MM-I, II, and III are under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 912.00 lakh (central share Rs. 547.20 lakh & state share Rs. 364.80 lakh) which is being implemented by the State Department of Agriculture. The funds of previous years amounting to Rs. 114.06 lakh have been revalidated and Rs. 507.39 for the current year was released, out of which an expenditure of Rs. 432.23 lakh (CS) has been incurred as reported by the States. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15	764.01	236.91	1000.92	593.01	648.34	754.50	225.17	979.66
2015-16	623.28	415.52	1038.80	515.03	515.03	480.97	480.97	961.94
2016-17	547.20	364.80	912.00	507.39	621.45	432.23	288.15	720.38

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- Total area cultivated under oilseed crops is declining every year. Moisture and nutrition stress are the major constraints limiting the productivity.
- MPR/QPR has not been received from State so far.

MM-II (Oil Palm) Programme:

The oil palm development programme was implemented earlier under various schemes viz., ISOPOM, OPAE etc. which have been covered under Mini Mission –II (MM-II) of National Mission on Oilseeds and Oil Palm (NMOOP) with effect from 2014-15.

The State Department of Agriculture is the nodal agency for implementing the programme in the State. Oil palm cultivation is being taken up since 1993-94 with the support of Government of India. An area of 2.05 lakh hectare has been identified as potential for Oil Palm cultivation in 26 districts viz; Cuddalore, Karur, Nagapattinam, Perambalur, Thanjavur, Theni, Thoothukudi, Thiruvarur, Thirunelveli, Pudukkottai, Sivagangai, Virudhnagar, Trihy, Vellore, Villupuram, Thiruvannamalai, Kanchipuram, Tiruvallur, Dharampuri, Krishnagiri, dindigul, Coimbtore, Erode, Thirupur, Salem and Namakkal. The programme is being implemented in all 26 potential districts. An area of 29,510 hectare has been achieved under oil palm cultivation up to 2015-16. The Government of Tamil Nadu has involved three private entrepreneurs namely; M/s Godrej Agrovet Limited, M/s Vaidehi Palm Private Limited and M/s Ruchi Soya Industries Limited for oil palm development in the State. The State has one oil palm processing mill established by Godrej Agrovet Limited at Ariyalur district which is capable to process 2.5 MT/ hour FFBS of oil palm.

Physical progress

The details of oil palm area expansion target & achievement and production of fresh fruit bunches (FFBs) and crude palm oil (CPO) from the year 2005-06 to 2016-17 is given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005-06 to 2011-12	23,075	12,432	16,175	2,696
2012-13	5,866	1,200	5,244	1,035
2013-14	6,166	1,177	5,495	820
2014-15	1,600	398	6,568	1,019
2015-16	1,511	623	7,810	1,222
2016-17*	1,500	556	7422	1115
Total	39,718	16,386	48,714	7,887

Financial progress

The year-wise details of funds allocation, release and expenditure incurred from 2012-13 to 2016-17 under ISOPOM and NMOOP are given below:

(Rs. in lakh GoI share)

Year	Allocation	Release	Expenditure
2012-13*	166.77	0.00	86.56
2013-14*	104.46	0.00	68.71
2014-15	297.67	222.47	121.38
2015-16	219.83	161.92	105.32
2016-17	241.25	165.22	107.68

* ISOPOM

During 2016-17, the Government of India has approved an Annual Action Plan of the State for an amount of Rs. 402.09 lakh comprising of Rs. 241.25 lakh as Central share and Rs. 160.84 lakh as State share for implementing the programme. Out of this, Rs. 165.22 lakh has been released to the State and Rs. 157.69 lakh was lying unspent balance with the State from the previous year. Thus, an amount of Rs. 322.91 lakh is available with the State for the current year. As per progress report received for the month of February, 2017, the State has utilized Rs. 107.68 lakh, which is slow progress.

Issues

- The progress of oil palm development programme in the State is not satisfactory from the year 2014-15.
- The physical and financial progress report is not being received from the State on regular basis.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 112.39 lakh for 2016-17 has been made for the plantation of Neem (558ha) and Karanja (250 ha). These TBOs have long gestation period of 4-5 years and during gestation period, to enhance the additional income from the plantation area, support is also provided for intercropping @ Rs. 1000/- per ha/year for critical inputs to various types of intercrops. T.N. is eligible for assistance @ 60 (Central share): 40 (State share). A sum of Rs. 56.20 lakh has been released during the year so far.

Issues

- About 65% of released budget utilized.
- The funds have been released recently.
- The physical and financial progress is awaited

24. TRIPURA

MM-I (Oilseeds) Programme:

Among 9 oilseed crops, Rapeseed-Mustard (R&M) and sesame and groundnut are grown in Tripura. The crop wise area, production and yield of oilseeds in the state during last three years are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16
Rapeseed-Mustard	Area	2.6	5.9	6.42
	Production	2.2	4.9	5.17
	Yield	824	831	2000
Sesame	Area	2.8	2.5	3.90
	Production	1.7	1.5	2.26
	Yield	606	623	214
Groundnut	Area	0.6	0.5	1.38
	Production	0.7	0.6	1.59
	Yield	1180	1180	1154
Total oilseeds	Area	6.1	8.9	11.69
	Production	4.6	7.1	9.01
	Yield	759	793	771

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State only MM-I for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 104.25 lakh (central share Rs. 93.83 lakh & state share Rs. 10.42 lakh) which is being implemented by the State Department of Agriculture out of which an expenditure of Rs. 56.28 lakh (CS) has been incurred as reported by the State. The details of allocation, release, and expenditure 2014-15 and 2016-17 are given below:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State share	Total			GoI share	State share	Total
2014-15	456.08	146.59	602.67	456.12	456.12	313.82	104.28	418.10
2015-16	370.09	41.12	411.21	245.09	245.09	191.71	80.60	272.32
2016-17	93.83	10.42	104.25	56.27	56.27	56.28	0.00	56.28

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of R&M, sesame and groundnut which is less than national average.
- The state has submitted MPR up to the month of October shows slow progress of the programme.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 9.91 lakh for 2016-17 has been made for the plantation of Neem in 50 ha. Tripura is eligible for assistance @ 90 (Central share): 10 (State share). A sum of Rs. 5.98 lakh has been released during the year so far.

Issues

- Release fund fully utilized.
- The physical and financial progress is awaited.

25. UTTARAKHAND

MM-I (Oilseeds) Programme:

Soybean, groundnut and R&M are major oilseed crops grown in Uttarakhand over an area of 32000 hectare. The state is being covered under Mini Mission-I of National Mission on Oilseeds and Oil Palm from 2015-16. The crop wise area, production and yield of oilseeds in the state last three years are given below:

(Area- 000' ha; Production- 000' tonnes and Yield- kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	1.0	1.0	1.06	1.0
	Production	1.2	1.1	1.50	1.0
	Yield	1176	1103	1415	1000
Soybean	Area	14.9	12.8	13.54	12.0
	Production	22.1	16.5	18.04	13.0
	Yield	1479	1293	1332	1083
Total oilseeds	Area	31.8	31.6	32.41	29.0
	Production	34.1	29.6	35.64	27.0
	Yield	1070	938	1100	931

NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds TBOs. However in the State only MM-I for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 78.07 lakh (central share Rs. 70.25 lakh & state share Rs. 7.82 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs. 1.33 lakh (CS) has been revalidated and Rs. 51.37 lakh have been released during 2016-17 out of which an expenditure of Rs. 14.07 lakh (CS) has been incurred as reported by the State. The details of allocation, release and expenditure 2014-15 and 2016-17 are given as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share	State Share	Total			GoI share	State share	Total
2014-15								
2015-16	89.91	10.03	99.94	70.18	70.18	38.25	38.25	76.50
2016-17	70.25	7.81	78.07	51.37	52.70	14.07	1.56	15.63

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of groundnut and soybean which is less than national average.

26. UTTAR PRADESH

Oilseeds Programme:

The area under oilseeds crop has increased from 1106 thousand ha. during 2013-14 to 1254 thousand ha. in 2016-17. The crop wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area - 000' ha; Production - 000' tonnes and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	96.0	98.0	97.00	94.00
	Production	86.0	84.0	65.0	85.0
	Yield	896	857	670	904
Sesame	Area	293.0	323.0	546.0	328.2
	Production	43.0	64.0	166	82.4
	Yield	147	198	304	251
Soybean	Area	26.0	52.0	36.0	11.0
	Production	15.0	38.0	18.7	7.0
	Yield	577	731	519	636
Sunflower	Area	3.0	3.0	2.0	2.0
	Production	5.0	4.0	4.0	3.0
	Yield	1667	1333	2000	1500
Rapeseed- Mustard	Area	662.0	626.0	593.0	781.0
	Production	736.0	582.2	603.0	986.0
	Yield	1113	930	1017	1262
Linseed	Area	26.0	25.0	17.0	38.0
	Production	10.0	15.0	7.8	17.0
	Yield	385	600	460	447
Total	Area (ha)	1106.0	1127.0	1291.0	1254.2
	Production (tonnes)	895.8	787.2	864.5	1180.4
	Yield (Kg/ha)	810	698	670	941

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely for Oilseeds MM-II for Oil Palm and MM-III for Tree Borne Oilseeds (TBOs). However, MM-I and MM-III are being implemented in the State.

Under MM-I, Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 2703.28 lakh (Central Share of Rs. 1621.97 & State share Rs. 1081.31 lakh) which is being implemented through State Department of Agriculture. An amount of Rs. 405.49 lakh has been released out of which an expenditure Rs. 532.99 lakh (CS) has been incurred as per progress report received from the State. The detail of allocation, release and expenditure incurred from 2014-15 to 2016-17 is as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Expenditure		
	GoI share	State share	Total		GoI share	State share	Total
2014-15	1384.99	413.66	1798.64	1158.22	732.94	221.20	954.14
2015-16	1870.39	1246.93	3117.32	1310.20	743.14	743.14	1486.27
2016-17	1621.97	1081.31	2703.28	405.49	532.99	355.25	888.34

The State has been allocated supply of 6225 seed minikit of soybean, 38,000 minikit of sesame (including 22,000 sesame for Bundel Khand) during Kharif 2016. 2,20,700 number of minikit of mustard in rabi and for 5,000 minikit of groundnut and 10,000 minikit of sunflower for summer season during 2016-17 through National Seed Corporation (NSC) and KRIBHCO.

Issues

- The district level officer participation in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make effort for improving productivity of oilseeds particularly in case of soybean and linseed which is less than national average.
- Expenditure incurred is slow.
- Progress report on DBT is awaited.
- State Government may pursue for revival of area under R & M as inter cropping with potato and sunflower in fallow land.
- The State may make efforts for area expansion under soybean and sesame in Bundale khand region.

MM-III (Tree Borne Oil) Programme:

Mini Mission (MM)-III (Tree Borne Oilseeds) is one of the three Mini Missions under National Mission on Oilseeds and Oil Palm (NMOOP) launched by the Department of Agriculture, Cooperation & Farmers' Welfare with effect from 2014-15 with the objectives of enhancing seed collection of TBOs and augmenting the elite planting materials for area expansion under wasteland. The interventions under MM-III are-

- i. integrated development of nurseries & plantation on the wasteland,
- ii. maintenance of TBOs plantation,
- iii. incentives for undertaking intercropping with TBOs,
- iv. research and development,
- v. distribution of pre-processing, processing and oil extraction equipment,
- vi. support to TRIFED,
- vii. training of farmers,
- viii. training of extension workers and
- ix. local initiatives/contingency.

Progress during 2016-17

The AAP allocation (Central share) of Rs 38.52 lakh for 2016-17 has been made for the plantation of Neem (200ha) and Mahua (100 ha). These TBOs have long gestation period of 4-5 years and during gestation period, to enhance the additional income from the plantation area, support is also provided for intercropping @ Rs. 1000/- per ha/year for critical inputs to various types of intercrops. U.P. is eligible for assistance @ 60 (Central share): 40 (State share). A sum of Rs. 9.63 lakh has been released during the year so far.

Issues

- About 90% of released budget utilized. However, large unspent balance in other programme available. No further release was made.
- The physical and financial progress is awaited.

27. WEST BENGAL

MM-I (Oilseeds) Programme:

As per 2nd advance estimates for 2016-17, among 9 oilseed crops, R&M (445.0 thousand ha), Sesame (228.2 thousand ha) and Groundnut (89.0 thousand ha.) are mainly grown as oilseed crops in the State. The area under oilseeds crop has increased from 770.9 thousand ha during 2013-14 to 781.4 thousand ha in 2016-17. The crop-wise area, production and yield of oilseeds in the State from 2013-14 to 2016-17 are given below:

(Area- 000' ha; Production - 000' tonne and Yield - kg/ha)

Crop	Unit	2013-14	2014-15	2015-16	2016-17*
Groundnut	Area	78.8	77.4	84.2	89.0
	Production	200.5	179.9	189.9	201.9
	Yield	2544	2324	2255	2269
Sesamum	Area	213.2	224.5	227.4	228.2
	Production	205.0	213.6	214.0	215.7
	Yield	961	952	941	945
Sunflower	Area	14.0	15.0	12.0	8.5
	Production	20.0	22.0	17.0	12.0
	Yield	1429	1467	1417	1412
R & M	Area	448.6	448.6	457.83	445.0
	Production	478.1	479.7	499.0	485.0
	Yield	1066	1069	1090	1090
Total oilseeds	Area	770.3	776.4	793.5	781.4
	Production	909.9	901.4	929.9	920.9
	Yield	1181	1161	1168	1179

The National Mission on Oilseeds and Oil Palm (NMOOP) is being implemented with effect from 2014-15 in the State. NMOOP comprises of 3 Mini Missions (MM), namely MM-I for Oilseeds, MM-II for Oil Palm and MM-III for Tree Borne Oilseeds (TBOs). However in the State only MM-I for oilseeds is under implementation.

Under MM-I, the Annual Action Plan (AAP) for 2016-17 has been approved with a total outlay of Rs. 2228.69 lakh (central share Rs. 1337.22 lakh & state share Rs. 891.48 lakh) which is being implemented by the State Department of Agriculture. The unspent balance of previous years amounting to Rs. 415.25 lakh (CS) has been revalidated and funds of Rs. 500.00 lakh have been released during 2016-17 out of which an expenditure of Rs. 307.62 lakh (CS) has been incurred as reported by the Directorate of Oilseed Development, Hyderabad. The detail of allocation, release and expenditure incurred from 2014-15 to 2016-17 are as under:

(Rs. in lakh)

Year	Allocation			Release (CS)	Total fund available (CS)	Expenditure		
	GoI share		Total			GoI share	State share	Total
2014-15	922.99	567.85	1214.57	567.85	877.98	768.52	252.00	1020.52
2015-16	1300.00	1300.00	2600.00	984.85	984.84	597.78	597.78	1195.56
2016-17	1337.22	891.48	2228.69	500.00	915.25	307.62	205.08	512.70

Issues

- Participation of district level officers in monitoring of FLDs being organized by ICAR/KVKs may be ensured.
- The State need to make efforts in improving productivity of oilseed crops particularly in case of Rape and Mustard which is less than national average (1170 kg/ha).
- There is slow progress in respect of expenditure incurred so far.
- The component-wise progress report is not sent in time by the State.
- The progress made so far with respect to DBT is awaited.

**18. TARGETTING RICE FALLOW
AREA (TRFA)**

Brief on of Targeting Rice Fallow Area in Eastern India for Pulses and Oilseeds

1. Introduction

Rice is the major crop grown over an area of more than 18.5 million ha in Eastern States comprising of Assam, Bihar, Chhattisgarh, Jharkhand, Odisha and West Bengal. An estimated area of more than 8.5 million ha remains fallow during rabi season in these states due to cultivation of long duration paddy varieties, water logging and excess moisture in Tal areas, lack of moisture at planting time of winter crops and socio-economic problems like stray cattle and blue bulls.

In order to meet domestic demands of pulses and edible oil, a large quantity is imported which leads to huge drain of foreign exchange. Area expansion is difficult in pulses and oilseeds growing states due to the pressure of other competitive crops. The rice fallows offer good scope for area expansion of these crops and crop intensification.

2. Scope for cultivation of oilseeds and pulses in rice fallows

The residual moisture left in the soil at the time of rice harvest is often sufficient to raise short duration pulses and oilseeds. Pulses like lentil, mungbean, urdbean, lathyrus, field peas and oilseeds such as mustard, groundnut, linseed, niger, safflower and sesame etc. could be profitably cultivated in rabi/summer season in rice fallows. Introduction of pulses and oilseeds in rice fallow will not only augment the domestic availability of pulses and oilseeds, but also helps in doubling farmers income in these agriculturally lesser developed states. In addition, pulses and groundnut being leguminous crops will also help in restoration of soil health through nitrogen fixation. The small seeded varieties of pulses find prominence under Utera cultivation (relay cropping) in the states of Assam, Bihar, Chhattisgarh, Jharkhand and West Bengal. In low land areas with excessive soil moisture, lentil may be more suitable. Rice-lentil system can be popularized in the lowland areas of Bihar, Jharkhand, Eastern UP and West Bengal. Rice fallows can also be profitably used for groundnut cultivation in Char area of Bihar, Eastern UP, Mahananda Char of Odisha, Brahmaputra valley of Assam. Mustard, sesame and linseed cultivation could be promoted in almost all the States.

3. TRFA 2016-17

Considering the scope of cultivation of pulses and oilseeds in rice fallow area in Eastern India, “Targeting Rice Fallow Area (TRFA) in Eastern India for Pulses and oilseeds – a sub scheme under RKVY” was initiated in 2016-17. Under this scheme, 1500 villages were adopted in 15 districts (100 villages per districts) for promotion of cultivation of pulses and oilseeds during rabi season in six Eastern states namely Assam, Bihar, Chhattisgarh, Jharkhand, Odisha and West Bengal with an allocation of Rs.50 crore during 2016-17. Under the programme Rs.5.00 lakh was provided to each village for cluster demonstrations and production inputs.

The scheme was successfully implemented in all the six states except Bihar who could not implemented. Out of 17.83 lakh hectare of rice fallow area in these projected 15 districts, about 10.69 lakh hectare (9.75 lakh ha of pulses + 0.94 lakh ha of oilseeds) has been covered during last year. Most of the rice fallows were covered under pulses *viz.* pea, lentil, black gram, green gram, chickpea, arhar and lathyrus. The oilseeds grown in rice fallows were

mustard, sesame, sunflower, groundnut and linseed. Overall an area coverage of 19.14 lakh hectare of rice fallow area as against estimated rice fallow area of 57.92 lakh hectare during 2016-17.

4. TRFA 2017-18

Target: To bring 1.5 million ha area of rice fallow under oilseeds and pulses cultivation with an expected additional production of 1.5 million tonnes of pulses and 0.5 million tonnes of oilseeds.

Broad strategy of TRFA include:

Organizing cluster demonstrations of pulses and oilseeds over an area of 50 ha in each identified village.

Promotion of short duration varieties of pulses and oilseeds through minikit programme.

Capacity building of field functionaries/farmers/officers for sustainable cultivation of pulses and oilseeds in rice fallows by adopting latest crop production technologies

Creation of awareness through mass communication, advertisements, seminar/ workshop/ kisan mela.

5. Area of operation and funding pattern

Forty districts in the states of Assam, Bihar, Chhattisgarh, Jharkhand, Odisha and West Bengal covering 4000 villages with large areas of rice fallow will be identified by State. The funds would be released to the states as per norms of NFSM or NMOOP. The expenditure will be shared between Central and State Government in the ratio of 90:10 for Assam and 60:40 for remaining states.

State	Sharing pattern	No. of districts	No. of Villages
Assam	90:10	8	800
Bihar	60:40	5	500
Chhattisgarh	60:40	5	500
Jharkhand	60:40	4	400
Odisha	60:40	9	900
West Bengal	60:40	9	900
Total		40	4000

6. Interventions and Assistance

Cluster demonstration: Demonstration of improved production technology of pulses and oilseed would be organized in a cluster of around 50 ha in each village continuously for 3 years/seasons within the total allocation of Rs. 2.50 lakh/ year/season. In case of non-availability of 50 ha area in a village, the cluster will be contiguous in the neighboring villages. The size of cluster will vary depending upon the crops covered under the cluster due to different rate of assistance prescribed for each crop. For individual farmer the area under demonstration shall not be more than 2 ha.

Production inputs: An assistance of Rs.2.50 lakh/village will be provided for supply of production inputs like distribution of certified seed, micronutrient, soil ameliorants (lime/gypsum), bio-pesticides, irrigation equipments, farm machinery in nearby area out of cluster demonstration. Approved cost norm of NMOOP for oilseeds and NFSM for pulses will be followed. If required, state may engage two rakshak/ scout for four months in each village to protect pulses and oilseeds from animals and also may conduct awareness campaign to sensitize the farmers. The rate of assistance for rakshak/scout may be fixed as per minimum wages of the respective states.

Minikits: Supply of 50 minikits of pulses and oilseeds will be arranged free of cost through Central Seed Agencies, who will supply the minikits at a single destination in the identified districts. Since pulses are more preferred than oilseeds, more minikits of pulses will be supplied in the projected villages in each year. 100% of the cost will be met by GoI. The age limit of 15 years will be allowed under this scheme as per the prescribed age limit under NMOOP and NFSM. The price of the minikit will be followed as per the NMOOP and NFSM norms.

Training to farmers and officers: Support will be given to conduct training for farmers by State Government. SAUs/KVKs may also be involved for imparting trainings in the identified district. The assistance will be @ Rs.24000/- per training for batch of 30 farmers for 2 days. In case of officers training, support will be @Rs.36000/- per training for a batch of 20 officers for 2 days as per NMOOP norms.

Project Management Expenses (PME): It includes monitoring & evaluation, advertisement, consultant services for six month, exposure visits of farmers/seminars/kisan mela etc. The state will be allowed to utilize 1% of total allocation under PME as per NMOOP norms.

Targets of area and production 2017-18:

States	Area target (lakh ha)		Production (lakh tonnes)	
	Pulses	Oilseeds	Pulses	Oilseeds
Assam	1.84	0.46	1.25	0.30
Bihar	0.24	0.06	0.23	0.07
Chhattisgarh	2.80	0.70	1.86	0.42
Jharkhand	0.24	0.06	0.23	0.04
Odisha	3.44	0.86	1.76	0.59
West Bengal	3.44	0.86	3.14	1.01
Total	12.00	3.00	8.47	2.43

7. Progress 2017-18:

The state wise progress during 2017-18 under TRFA are given below:

Assam

The state is implementing TRFA since 2016-17. During 2017-18, 8 districts namely Dibrugarh, Golaghat, Jorhat, Karbi-Anglong, Lakhimpur, Morigaon, Sivasagar covering 800 villagers were under TRFA. Total rice fallow area of the state is about 10.42 lakh hectare and in projected 8 districts 7.87 lakh ha. As per the report an area of 1.05 lakh ha was covered

under TRFA (pulses 0.92 and oilseeds 0.14 lakh ha) during 2017-18 as against the target of 2.30 lakh ha. An additional production of 0.82 lakh tonnes of pulses and 0.10 lakh tonnes of oilseeds were achieved under TRFA. Out of the total allocation of Rs.21.48 crores under TRFA-pulses, the state made an expenditure of Rs.1.08 crores only. In case of TRFA-oilseeds the state utilized Rs.1.40 crores as against allocation of Rs. 11.06 crores. The UB (GOI share) as on 01.04.2018 is Rs. 30.06 crores (pulses + oilseeds).

Bihar

The state is implementing TRFA in five districts (Katihar, Banka, Gaya, Aurangabad and Kishanganj) from 2017-18 covering 380 villages. The total rice fallow area in the state is 3.00 lakh ha and in projected five districts is 2.60 lakh ha. As per the report an area of 75758 ha was covered under TRFA (pulses 75494 and oilseeds 264 ha) during 2017-18 as against the target of 30000 ha. An additional production of 0.32 lakh tonnes of pulses (average yield 938 kg /ha) and 0.096 lakh tonnes of oilseeds (average yield 968 kg /ha) were achieved under TRFA. Out of the total allocation of Rs.12.23 crores under TRFA-pulses, the state made an expenditure of Rs.5.98 crores. In case of TRFA-oilseeds the state utilized Rs.4.56 lakh only as against allocation of Rs. 4.00 crores. The UB (GOI share) as on 01.04.2018 is Rs. 10.20 crores (pulses + oilseeds).

Chhattisgarh

The state is implementing TRFA since 2016-17. During 2017-18, 5 districts namely Raipur, Raigarh, Rajnandgoan, Kanker and Kondagoan covering 427 villages were under TRFA. Total rice fallow area of the state is about 28.56 lakh ha and in projected five districts is 18.59 lakh hectare. As per the report an area of 4.98 lakh ha was covered under TRFA (pulses 4.48 and oilseeds 0.49 lakh ha) during 2017-18 as against the target of 3.50 lakh ha. An additional production of 2.12 lakh tonnes of pulses (average yield 750 kg /ha) and 0.29 lakh tonnes of oilseeds (average yield 697 kg /ha) were achieved under TRFA. Chick Pea, Lentil , Green Gram, black gram and pea are the major pulses crops of rice fallows. Mustard linseed, sesame, groundnut are oilseed crops were grown under rice fallows. Out of the total allocation of Rs.12.23 crores under TRFA-pulses, the state made an expenditure of Rs.10.18 crores. In case of TRFA-oilseeds the state utilized Rs.2.17 crores as against allocation of Rs. 3.05 crores. The UB (GOI share) as on 01.04.2018 is Rs. 2.92 crores (pulses + oilseeds).

During 2018-19 the state proposed to include 10 districts (Sarguja, Surajpur, Bilaspur, Jangjr, Balodabazar, Mahasamund, Durg, Balod, Dhamtari and Jagdalpur) with an allocation of Rs.50.00 crores (GOI + state share). The state also expressed the following difficulties in implementation of TRFA.

- Trend of Open Grazing obstructs the expansion of double crop area.
- Lack of firm Marketing System.
- Lack of processing industry for the crops other than paddy
- Lack of water conservation structures
- Dependency on other states for seeds of pulses and oilseeds

- Inadequate arrangement of procurement of Pulse and Oilseed crops at Minimum Support Price (MSP).

Jharkhand

The state is implementing TRFA since 2016-17. During 2017-18, 4 districts namely Ranchi, Dumka, Palamau W. Singhbhum covering 378 villagers were under TRFA. Total rice fallow area of the state is about 4.75 lakh ha and in projected four districts is 3.15 lakh hectare. As per the report an area of 28900 ha was covered under TRFA (pulses 4.48 and oilseeds 0.49 lakh ha) during 2017-18 as against the target of 30000 ha. An additional production of 0.81 lakh tonnes of pulses (average yield 1132 kg /ha) and 0.29 lakh tonnes of oilseeds (average yield 628 kg /ha) were achieved under TRFA. All four districts are well suited for cultivation of Pulses crops (Gram, Lentil, moong etc) & Oilseed crops (Mustard, Linseed & Rape seed).

Out of the total allocation of Rs.8.37 crores under TRFA-pulses, the state made an expenditure of Rs.5.09 crores. In case of TRFA-oilseeds the state utilized Rs.2.14 crores as against allocation of Rs. 3.59 crores. The UB (GOI share) as on 01.04.2018 is Rs. 6.87 crores (pulses + oilseeds).

During 2018-19 the state has proposed to include more districts under TRFA and expressed the following difficulties in TRFA Scheme implementation.

- There is lack of irrigation facility .
- Lack of harvester & Thresher.
- Lack of Processing unit.
- Lack of PMT.

Odisha

The state is implementing TRFA since 2016-17. During 2017-18, 9 districts namely Puri, Sundergarh , Koraput, Sambalpur, Dhenkanal, Mayurbhanj, Balasore, Bhadrakh. Kalahandi covering 854 villagers were under TRFA. Total rice fallow area of the state is about 29.61 lakh hectare and in projected nine districts 12.21 lakh ha. As per the report an area of 2.18 lakh ha was covered under TRFA (pulses 2.04 and oilseeds 0.14 lakh ha) during 2017-18 as against the target of 4.30 lakh ha. An additional production of 1.40 lakh tonnes of pulses (average yield 658 kg /ha) and 0.08 lakh tonnes of oilseeds (average yield 1700 kg /ha) were achieved under TRFA. Out of the total allocation of Rs.21.98 crores under TRFA-pulses, the state made full expenditure of Rs.21.98 crores. In case of TRFA-oilseeds the state utilized Rs.2.71 crores as against allocation of Rs. 3.09 crores. The UB (GOI share) as on 01.04.2018 is Rs. 0.38 crore (pulses + oilseeds).

During 2018-19 the state has proposed to include 11 districts (Puri, Sundergarh , Koraput, Sambalpur, Dhenkanal, Mayurbhanj, Balasore, Bhadrakh. Kalahandi, Bolangir, Nabarangpur) with an allocation of Rs.59.23 crores (GOI + State share). The state also expressed the following difficulties in implementation of TRFA.

- Poor crop stand
- Delayed sowing
- Poor germination
- Poor physical condition
- Lack of improved pulse variety to withstand YMV and Powdery Mildew . – addressed by introduction of IPM 2-3 & IPM 2-14 to a considerable extent .
- Delayed sowing under deficit soil moisture due to long duration rice .
- Poor or no nutrient management.
- Lack of scope for mechanization.

West Bengal

The state is implementing TRFA since 2016-17. During 2017-18, 12 districts namely Coochbehar, Jalpaiguri, Alipurduar, Dakshin Dinajpur, Purba Bardhaman, Paschim Bardhaman, Bankura, Birbhum, Purulia, Paschim Medinipur, Jhargram & South 24 Parganas covering 900 villagers were under TRFA. Total rice fallow area of the state is about 12.00 lakh hectare and in projected 12 districts is 11.50 lakh ha. As per the report an area of 1.35 lakh ha was covered under TRFA (pulses 0.75 and oilseeds 0.61 lakh ha) during 2017-18 as against the target of 4.30 lakh ha. An additional production of 0.65 lakh tonnes of pulses (average yield 718 kg /ha) and 0.43 lakh tonnes of oilseeds (average yield 868 kg /ha) were achieved under TRFA. Out of the total allocation of Rs.21.96 crores under TRFA-pulses, the state made an expenditure of Rs.18.01 crores. In case of TRFA-oilseeds the state utilized Rs.4.13 crores as against allocation of Rs. 5.49 crores. The UB (GOI share) as on 01.04.2018 is Rs. 5.69 crores (pulses + oilseeds).

The state also expressed the following difficulties in implementation of TRFA.

- Narrow window for planting.
- Lack of short duration and high yielding varieties.
- Development of soil salinity adversely affects crop growth in coastal saline areas.
- Supply of production inputs like RC, Micronutrients, PP Chemicals etc. only will not be sufficient to introduce pulses & oilseeds in fallow areas.
- Non availability of quality seeds.
- Lack of mechanization/draft power.
- Stray cattle.

8. Summary of TRFA progress 2017-18

9.1 Area coverage target and achievements

During 2016-17 the TRFA was implemented in 15 districts of 6 states. During 2017-18 the scheme has been extended to 40 districts and 4000 villages with a view to cover 15.00 lakh ha under pulses (12.00 lakh ha) and oilseeds (3.0 lakh ha) with support for cluster demonstrations, minikit distribution and training to the farmers etc. According to the report an area of 10.72 lakh ha were covered under pulses (9.13 lakh ha) and oilseeds (1.60 lakh ha) in rice fallows covering 43 districts and 3739 villages. The additional area coverage resulted a production of 9.04 lakh tonnes of pulses and oilseeds as against the production target of

10.00 lakh tonnes. Most of the rice fallows were covered under pulses viz. pea, lentil, black gram, green gram, chickpea, arhar and lathyrus. The oilseeds grown in rice fallows were mustard, sesame, sunflower, groundnut and linseed.

State wise area coverage target and achievement under TRFA.

(Area in Ha)

Name of states	No. of Dist.	Actual Villages covered	Area under Pulses		Area under Oilseeds		Total area coverage	
			Target	Achiv.	Target	Achiv.	Target	Achiv.
Assam	8	800	184000	92000	46000	13800	230000	105800
Bihar	5	380	24000	75494	6000	10000	30000	85494
Chattisgarh	5	427	280000	448857	70000	49873	350000	498730
Jhar.	4	378	24000	17650	6000	11250	30000	28900
Odisha	9	854	344000	204500	86000	13514	430000	218014
W.B.	12	900	344000	75000	86000	60900	430000	135900
Total	43	3739	1200000	913501	300000	159337	15,00,000	1072838

State-wise production of pulses and Oilseeds under TRFA during 2017-18.

(Production in tonnes and Yield kg/ha)

States	Pulses		Oilseeds		Total	
	Production	Yield	Production	Yield	Production	Yield
Assam	82524	897	10231	741	92755	877
Bihar	70964	940	9680	968	80644	943
Chhattisgarh	447510	997	28777	577	476287	955
Jharkhand	19044	1079	7290	648	26334	911
Odisha	107158	524	12271	908	119429	548
West Bengal	65100	65100	43726	718	108826	801
Total	792300	867	111975	703	904275	843

9.2 Release & expenditure under TRFA

The total allocation under TRFA-Pulses for the year 2017-18 was Rs. 98.27 crores which was fully released to the states. However the expenditure reported so far is Rs. 62.33 crores which is 63% of the release. The total allocation under TRFA-oilseeds for the year 2017-18 was Rs. 30.31 crores which was fully released to the states. However the expenditure reported so far is Rs. 9.06 crores which is 29% of the release. The UB (GOI share) as on 01.04.2018 is Rs. 57.18 crores (pulses + oilseeds) which is 44% of the release.

The state wise allocation and expenditure under TRFA for pulses and oilseeds are given below:

State wise allocation and expenditure under TRFA during 2017-18.

(Rs. in crores GOI share)

States	Release		Expenditure		UB as on 01.04.2018	
	Pulses	Oilseeds	Pulses	Oilseeds	Pulses	Oilseeds
Assam	21.48	11.06	1.08	1.40	20.40	9.66
Bihar	12.23	4.00	5.98	0.04	6.24	3.95
Chhattisgarh	12.23	3.05	10.18	2.17	2.04	0.89
Jharkhand	8.37	3.59	5.09	0.00	3.28	3.59
Odisha	21.98	3.09	21.98	2.71	0.00	0.38
West Bengal	21.96	5.49	18.01	4.13	3.95	1.35
TOTAL	98.27	30.31	62.33	9.06	35.93	21.24
TOTAL TRFA	128.58		71.39		57.18	

9.3 Distribution of seed minikits under TRFA

Besides an amount of Rs. 933.57 lakh (Rs. 664.75 lakh for pulses and Rs. 268.82 lakh for oilseeds) have been utilized for supply of 73878 numbers of minikits of pulses and oilseeds during rabi in rice fallow areas of six states (15 years old) on free of cost. State-wise details are as under:

(Rs. in Lakh)

States	Pulses		Oilseeds		Total amount	
	No of kits	Value	No of kits	Value	No of kits	Value
Assam	-	-	10499	53.44	10499	53.44
Bihar	-	-	5000	6.4	5000	6.4
Chhattisgarh	19783	357.55	7000	40.98	26783	398.53
Jharkhand	16000	307.2	6000	7.68	22000	314.88
Odisha	-	-	9246	159.86	9246	159.86
W.B.	-	-	350	0.44	350	0.44
Total	35783	664.75	38095	268.81	73878	933.57