

Status of Oilseeds Development Programme in Tamil Nadu

1. Status of Oilseeds Cultivation

Among 09 oilseed crops, groundnut and sesame are grown over an area of about 4.19 lakh ha. The state was covered under erstwhile scheme of Integrated Scheme of Oilseeds, Pulses, Oil Palm and Maize (ISOPOM) implement from 2004-05 to 2013-14 and also included 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 3 years are given below:

Crop	Unit	2013-14	2014-15	2015-16*	Normal (APY)
Groundnut	Area (ha)	336600	335400	351500	371800
	Production(tonnes)	915900	904700	881800	909000
	Yield (Kg/ha)	2721	2698	2509	2445
Sesame	Area (ha)	56600	69300	47300	48800
	Production(tonnes)	33700	41200	26900	26400
	Yield (Kg/ha)	596	595	568	541
Total oilseeds	Area (ha)	408200	419400	412200	438000
	Production(tonnes)	964200	961100	919100	953500
	Yield (Kg/ha)	2362	2292	2230	2177
All India oilseeds	Area (ha)	28050500	25726400	26134500	26805300
	Production(tonnes)	32749400	26674800	25303700	30169700
	Yield (Kg/ha)	1168	1037	968	1126

*4th Advance estimate

2. State is included in all the three Mini Missions- Oilseeds (MM-I), Oil Palm (MM-II) and Tree Borne Oilseeds (MM-III). Annual Action Plan (AAP) has been approved with a Central Share of Rs. 425.00 lakhs for 2015-16. A sum of Rs. 238.98 lakhs has already been released to the State. Subsequently, AAP with a Central Share of Rs. 198.275 lakhs has also been approved for additional area coverage under oilseeds during Rabi/Summer 2015-16 and the total Central share of Rs. 198.275 lakhs has already been released to the state. An AAP of Rs.1501.411 lakhs (Rs.900.847 lakhs as Central share + Rs.600.564 as State share) has been approved during 2016-17. An amount of Rs.450.4235 lakhs has been released to the state as 1st installment during current year.

3. In addition to State AAP, following interventions has also been approved through Central agencies in Tamil Nadu:

- Supply of 7500 minikits of improved varieties of groundnut through National Seed Corporation (NSC) and HIL has also been allocated during 2016-17.

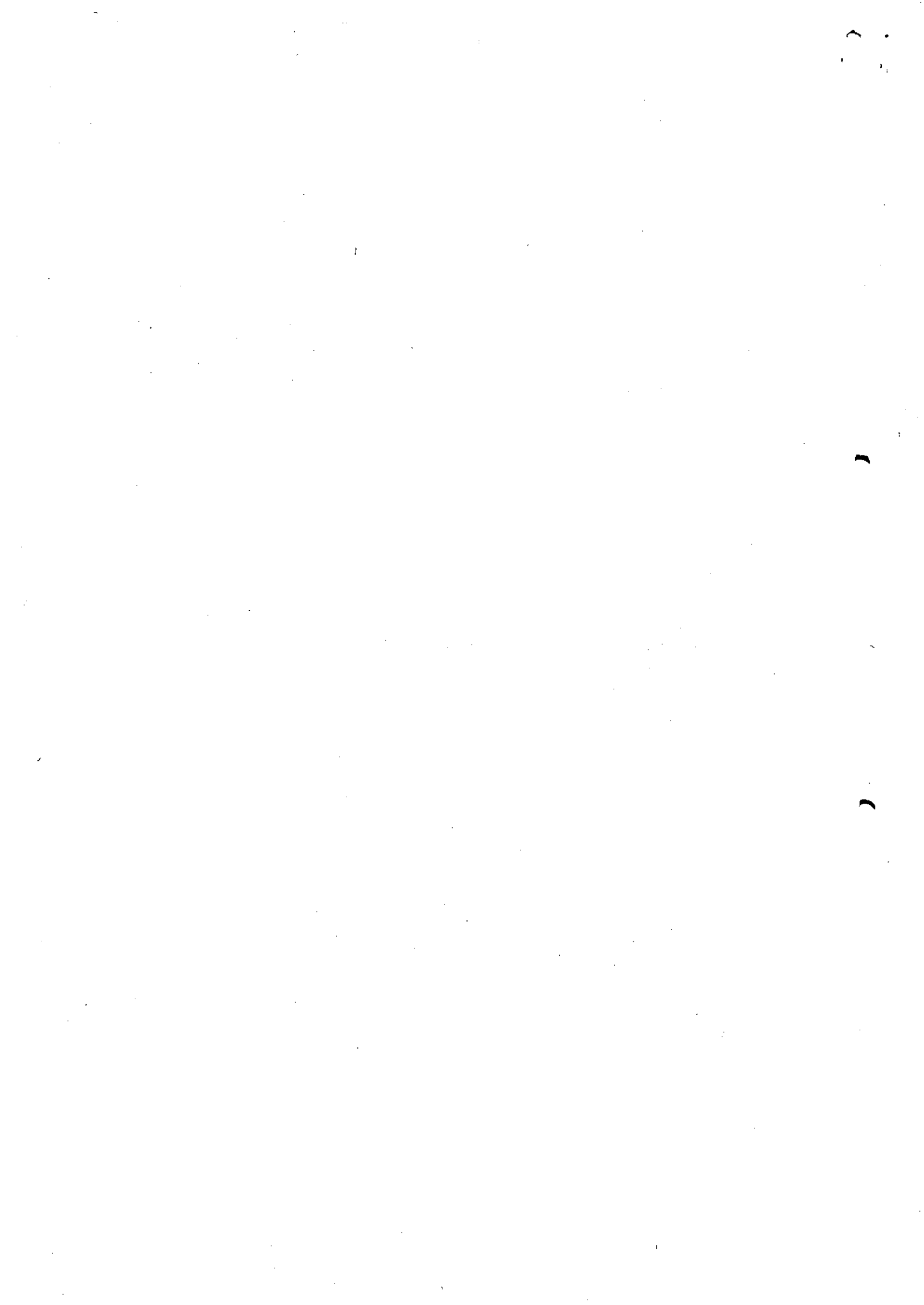
4. Impact of implementation of NMOOP during last year

- 121% increase in productivity during 2014-15.
- Varietal replacement rate has been focused by the state

- Area coverage under irrigation has been increased by the distribution of sprinklers and water carrying pipes during last year.
- TANSEDA has established to ensure quality seed supply to the oilseed farmers to enhance SRR from 6% to 12% and to maintain Seed Supply Chain without any break or shortfall.
- 93% of fund utilization has been reported by state during 2015-16.

5. Issues for discussion:

- Participation of district level Officers in monitoring of FLDs being organized by ICAR / KVKS.
- Productivity improvement of sesame.
- Total area cultivated under oilseed crops is declining every year. Moisture and nutrition stress are the major constraints limiting the productivity.
- Less availability of good quality Certified seeds. Farmers are using obsolete cultivars of oilseed crops with low yield potential. Initiative may be taken for production of both Breeder and Certified seeds.
- The inherent system of Seed Multiplication Scheme faces problems in producing Certified seeds from the growers at the time of harvest, ie. the price in the open market is higher than the rate fixed for seed by the State Agriculture Department.
- Marketing of oilseed crops is problem due to short life and difficult to stock till the market improves.
- The state has proposed to attain a SSR of 7%.
- No MPR/QPR has been received from State Govt. till the date.



A brief status note on Oil palm in Tamil Nadu State

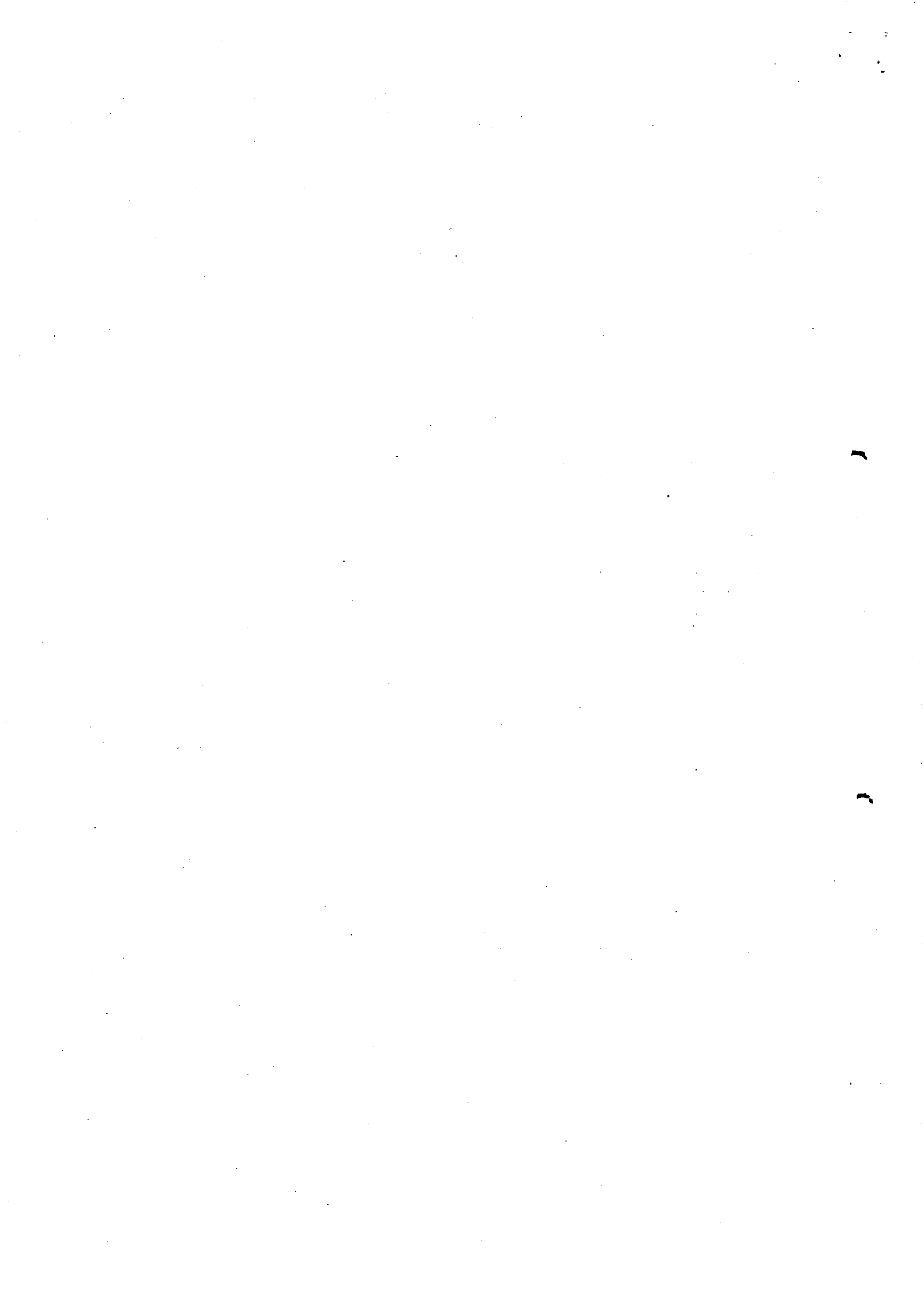
Tamil Nadu State is covered under Mini Mission-II of NMOOP for increasing the area under oil palm cultivation. State Department of Agriculture is a nodal agency for implementing the programme in the State. Oil palm cultivation is being taken from 1993-94 with the support of Government of India. An area of 2.05 lakh hectare has been identified 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 of the State. 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. 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 their State. The State has one oil palm processing mill 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 are given below:

Year	Area Expansion (in ha)		Production (in MT)	
	Target	Achievement	FFBs	CPO
2005-06	2000	1210	1202	178
2006-07	2200	1746	1584	249
2007-08	3500	1780	1659	273
2008-09	2000	1939	1987	366
2009-10	3375	1423	2080	365
2010-11	3000	2200	2920	486
2011-12	7000	2134	4743	759
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	283	0	0
Total Achieved Area 29510 ha up to March, 2016				

* Up to October, 2016



Financial progress:

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

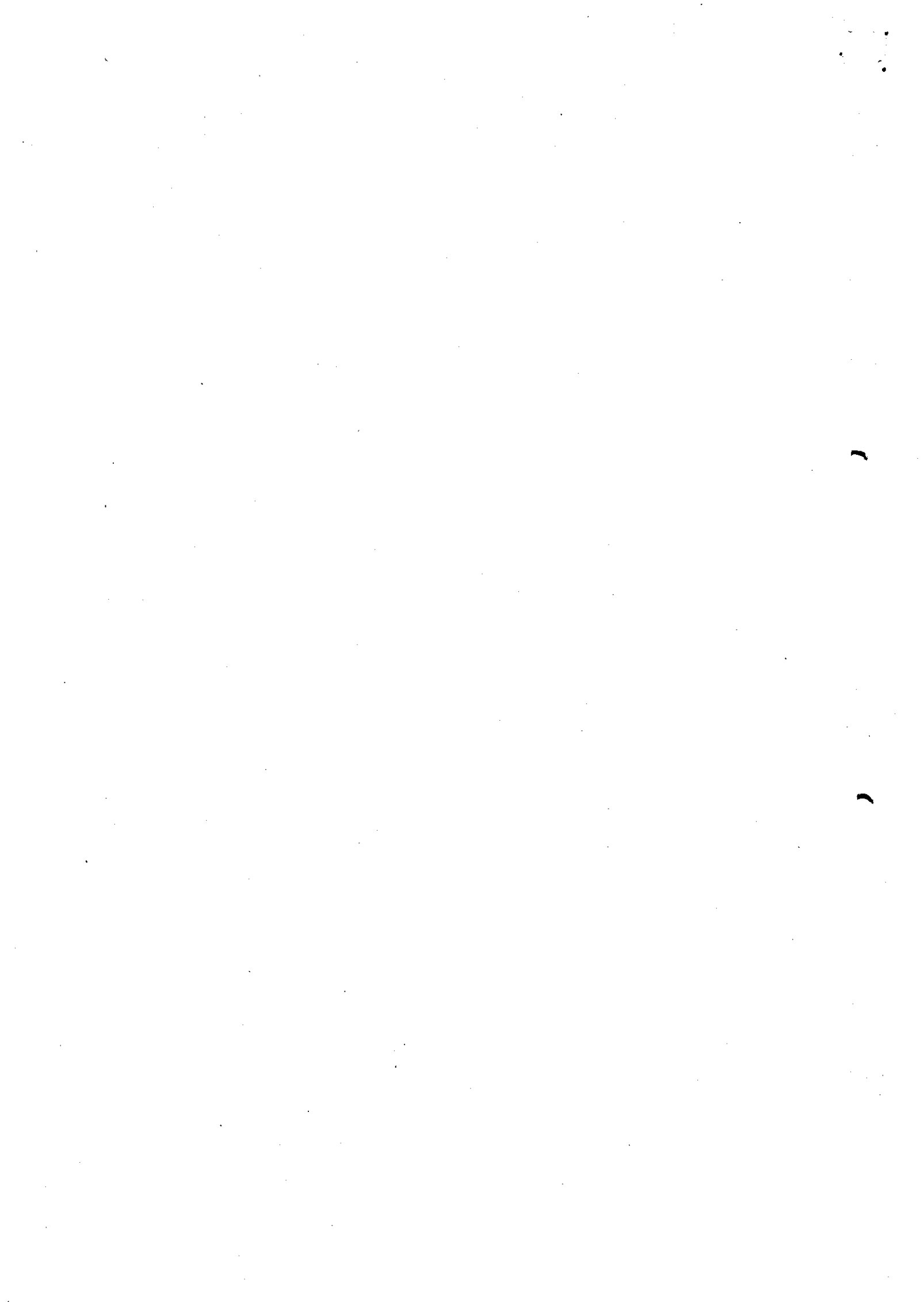
(Rs. in lakh GOI share)

Year	Allocation	Release	Expenditure
2012-13*	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	120.63	55.70

* ISOPOM

During the year 2016-17, Government of India has approved an Annual Action Plan of the State for an amount of Rs. 402.09 lakhs consisting of Rs. 241.25 lakhs as Central share and Rs. 160.84 lakhs as State share for implementing Mini Mission-II for oil palm development under National Mission on Oilseeds and Oil Palm (NMOOP). Out of which, Rs. 120.63 lakh fund has been released to the State and Rs. 157.69 lakhs was lying unspent balance with the State from the previous year. Thus, total amount of Rs. 278.32 lakhs is available with the State for the current year. As per their progress report received for the month of October, 2016, State has utilized Rs. 55.70 lakhs and lying unspent balance of Rs. 222.62 lakhs with the State.

Issue: 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.



Physical & Financial Progress report in respect of MM-II (Oil Palm) for the current year 2016-17.

State: Tamil Nadu

S. No.	Interventions /Components	Unit	Physical		Financial (GOI share Rs. in lakhs)	
			Target	Ach.	Allo.	Exp.
A. Area Expansion						
1	Planting Material	ha	1500	314	72.00	15.04
2	Cultivation/ Maintenance cost					
2a	First Year	Ha	1500	889	36.00	21.32
2b	Second Year	Ha	562	0	13.50	0.00
2c	Third Year	Ha	534	0	12.82	0.00
2d	Fourth Year	ha	450	0	10.80	0.00
B. Production Inputs						
3	Distribution of pump sets	Nos.	78	4	7.02	0.45
4	Inputs for inter cropping in Oil Palm fields	ha	3046	856	54.84	15.39
5	Construction of Vermi-compost unit	Nos.	110	33	9.90	3.45
6 Machinery & Tools						
6a	Oil Palm Cutter	Nos.	48	4	0.43	0.05
6b	Oil Palm Protective wiremess	Nos.	110	10	9.90	0.90
6c	Motorized chisel	Nos.	10	2	0.60	0.10
6d	Chaff cutter	Nos.	40	5	1.68	0.21
C. Transfer of Technology inputs components						
7 Training						
7a	Farmers Training	Nos. (Batch)	26	2	3.74	0.24
7b	Training of Extension workers /officers etc.	Nos. (Batch)	26	1	5.62	0.36
D. Mission Management Expenses & Flexi funds						
8	Mission Management Expenses	-	-	-	2.41	0.02
9	Flexi funds	-	-	-	0.00	0.00
Grand Total					241.25	57.53

Status of MM-III implementation in Tamil Nadu:

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 Department of Agriculture, Cooperation & Farmers' Welfare 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.

The AAP allocation (Central share) of Rs 112.39 lakhs for 2016-17 has been made for the plantation of Neem (558ha) and Karanja (250 ha). T.N. is eligible for assistance @ 60 (Central share) : 40 (State share). A sum of Rs. 56.20 lakhs has been released during the year so far.

Above 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.

Name of the State: Tamil Nadu
Name of the Scheme: National Mission on Oilseeds and Oil Palm (NMOOP)

(Rs. In Lakhs)

Sl. No.	Year	Opening Balance	Allocation	Release	Total Fund available (3+5) = 6	Expenditure	Closing Balance (6-7) = 8
1	2011-12 (ISOPOM)	146.53	1267.90	1267.90	1414.43	1104.83	309.61
2	2012-13 (ISOPOM)	309.61	821.94	821.94	1131.55	1389.72	66.93
3	2013-14 (ISOPOM)	66.93	1206.46	1206.46	1273.39	1255.03	55.33
4	2014-15	55.33	1059.00	842.58	897.91	865.12	128.36
5	2015-16	128.36	888.11	806.06	934.42	820.36	114.06
6	2016-17	114.06	900.85	450.42	564.48		

तमिलनाडु राज्य में ऑयलपाम से संबंधित संक्षिप्त स्थिति नोट

तमिलनाडु राज्य ऑयलपाम की खेती के तहत क्षेत्र को बढ़ाने के लिए एनएमओओपी के मिनी मिशन-द्वितीय के तहत कवर किया जाता है। राज्य कृषि विभाग राज्य में इस कार्यक्रम को कार्यान्वित करने के लिए एक नोडल एजेंसी है। ऑयलपाम की खेती वर्ष 1993-94 से भारत सरकार के सहयोग से की जा रही है। राज्य के 26 जिलों अर्थात् कुड्डालोर, करूर, नागपट्टिनम, पेरमबलूर, तंजावुर, थेनी, तूतकुडी तिरुवरूर, तिरुनेलवेली, पुदुक्कोट्टई, सिवगंगई, विरुधुनगर, त्री, वेल्लोर, विल्लुपुरम, थिरुवन्नमलाई, कांचीपुरम, तिरुवल्लूर, धरमपुरी, कृष्णागिरि, डिंडीगुल, कोयंबतूर, इरोड, तिरुवर, सलेम और नमक्कल में ऑयल पाम की खेती की संभावना के लिए 2.05 लाख हेक्टेयर क्षेत्र अभिचिन्हित किया गया है। यह कार्यक्रम सभी 26 संभावित जिलों में कार्यान्वित किया जा रहा है। वर्ष 2015-16 तक ऑयल पाम की खेती के तहत 29,510 हेक्टेयर क्षेत्र हासिल किया गया है। तमिलनाडु सरकार ने तीन निजी उद्यमियों अर्थात् नामतः मैसर्स गोदरेज एग्रोवट लिमिटेड, मैसर्स वैदेही पाम प्राइवेट लिमिटेड और मैसर्स रुचि सोया इंडस्ट्रीज लिमिटेड को राज्य में ऑयलपाम के विकास के लिए शामिल किया गया है। राज्य में गोदरेज अग्रोवेट लिमिटेड द्वारा स्थापित अरियालुर जिले में ऑयलपाम प्रसंस्करण मिल है जो ऑयलपाम के 2.5 एमटी/घंटे एफएफबी को प्रोसेस करने में सक्षम है।

भौतिक प्रगति:

वर्ष 2005-06 से 2016-17 तक ऑयलपाम के क्षेत्र विस्तार लक्ष्य एवं उपलब्धि तथा ताजा फलों के गुच्छों (एफएफबी) और कच्चे ऑयलपाम (सीपीओ) के उत्पादन का ब्यौरा नीचे दिया गया है:

वर्ष	क्षेत्र विस्तार (हेक्टेयर में)		उत्पादन (मीट्रिक टन में)	
	लक्ष्य	उपलब्धि	एफएफबी	सीपीओ
2005-06	2000	1210	1202	178
2006-07	2200	1746	1584	249
2007-08	3500	1780	1659	273
2008-09	2000	1939	1987	366
2009-10	3375	1423	2080	365
2010-11	3000	2200	2920	486
2011-12	7000	2134	4743	759
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	392	0	0
मार्च, 2016 तक कुल प्राप्त किया गया क्षेत्र 29510 हेक्टे. है।				

*दिसम्बर, 2016 तक

वित्तीय प्रगति:

आईएसओपीओएम और एनएमओओपी के तहत वर्ष 2012-13 से 2016-17 तक आवंटित, निर्मुक्त एवं व्यय की गई निधियों का ब्यौरा नीचे दिया गया है:

(रूपये लाख में, भारत सरकार का अंश)

वर्ष	आवंटन	निर्मुक्त	व्यय
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	120.63	76.75

* आईएसओपीओएम

वर्ष 2016-17 के दौरान भारत सरकार ने राष्ट्रीय तिलहन एवं ऑयलपाम मिशन (एनएमओओपी) के तहत ऑयलपाम के विकासार्थ मिनी मिशन-॥ के कार्यान्वयन हेतु 241.25 लाख रुपये केंद्रीय अंश तथा 160.84 लाख रुपये राज्य अंश के रूप में शामिल 402.09 लाख रुपये की एक धनराशि के लिए राज्य की वार्षिक कार्य योजना को मंजूरी दी है। जिसमें से राज्य को 120.63 लाख रुपये जारी किए गए हैं तथा पिछले वर्ष से राज्य के पास 157.69 लाख रुपये अव्ययित शेष उपलब्ध है। इसलिए राज्य के पास वर्तमान वर्ष के लिए 278.32 लाख रुपये की कुल धनराशि उपलब्ध है। नवंबर, 2016 के माह के लिए प्राप्त प्रगति रिपोर्टके अनुसार राज्य ने 76.75 लाख रुपये उपयोग किए हैं तथा राज्य के पास 201.57 लाख रुपये का अव्ययित शेष मौजूद है।

मुद्दा: राज्य में वर्ष 2014-15 से ऑयलपाम विकास कार्यक्रम की प्रगति संतोषजनक नहीं है। राज्य से वास्तविक एवं वित्तीय प्रगति रिपोर्ट नियमित रूप से प्राप्त नहीं हो रही है।

वर्तमान वर्ष 2016-17 के लिए एमएम-II (ऑयलपाम) के संबंध में वास्तविक एवं वित्तीय प्रगति रिपोर्ट

राज्य: तमिलनाडु

क्र.सं.	कार्यक्रम/घटक	यूनिट	वास्तविक		वित्तीय (भारत सरकार का अंश, रुपये लाख में)	
			लक्ष्य	उपलब्धि	आवंटन	व्यय
क.	क्षेत्र विस्तार					
1	रोपण सामग्री	हैक्टे.	1500	392	72.00	18.83
2	खेती/रख-रखाव की लागत					
2क	प्रथम वर्ष	हैक्टे.	1500	1044	36.00	25.04
2ख	द्वितीय वर्ष	हैक्टे.	562		13.50	
2ग	तीसरा वर्ष	हैक्टे.	534		12.82	
2घ	चौथा वर्ष	हैक्टे.	450		10.80	
ख.	उत्पादन आदान					
3	पंप सैटों का वितरण	संख्या	78	13	7.02	1.17
4	ऑयलपाम फील्ड में अंतर-फसलन के लिए आदान	हैक्टे.	3046	1053	54.84	18.95
5	कृमि खाद्य यूनिट का निर्माण	संख्या	110	75	9.90	6.75
6	मशीनरी एवं उपकरण					
6क	ऑयल पाम कटर	संख्या	48	15	0.43	0.14
6ख	ऑयल पाम संरक्षण जाली	संख्या	110	35	9.90	3.15
6ग	मोटरचालित चीजल	संख्या	10	2	0.60	0.12
6घ	चाँफ कटर	संख्या	40	9	1.68	0.38
ग.	प्रोद्योगिकी आदान घटकों का अंतरण					
7	प्रशिक्षण					
7क	किसानों का प्रशिक्षण	संख्या (बैच)	26	8	3.74	0.90
7ख	विस्तारकर्मियों/अधिकारियों आदि का प्रशिक्षण	संख्या (बैच)	26	6	5.62	1.3
घ.	मिशन प्रबंधन खर्च एवं फ्लैक्सी फंड					
8	मिशन प्रबंधन खर्च	-	-	-	2.41	0.02
9	फ्लैक्सी फंड	-	-	-	0.00	0.00
	सकल योग	-	-	-	241.25	76.75