



ABSTRACT

Agriculture - National Agriculture Development Programme (Rashtriya Krishi Vikas Yojana – RKVY) Implementation of project proposals for the year 2008-09 - Implementation of Precision Farming in Tamil Nadu under National Agriculture Development Programme – Sanctioned – Orders - Issued.

AGRICULTURE (AP 1) DEPARTMENT

G.O.Ms.No.340

Dated:17.11.2008

Read:

1. G.O.Ms.No.81, Agriculture, dated 3.3.08.
2. From the Government of India, Ministry of Agriculture, Department of Agriculture and Cooperation, letter No.7-1/2008-RKVY, dated 2.6.2008.
3. From the Government of India, Ministry of Agriculture, Department of Agriculture and Cooperation letter No.8-1/2008-RKVY, dated 26.6.2008.
4. Government letter No.31646/AP1(2)/08-10, Agriculture (AP1) Department, dated 3.10.2008.
5. From the Executive Director, Tamil Nadu Watershed Development Agency letter No738/TAWDEVA/08-NADP, dated: 13.10.2008.

ORDER:

During 2007, the Government of India introduced a new Additional Central Assistance scheme to incentivise States to draw up plans for their agriculture sector more comprehensively, taking agro – climatic conditions, natural resource issues and technology into account, and integrating livestock, poultry and fisheries. The National Agriculture Development Programme (RKVY) aims at achieving 4% annual growth in agriculture sector during XI Plan period by ensuring holistic development of Agriculture and allied sectors.

2. In the G.O. first read above the Government have issued orders sanctioning an amount of Rs.6368.20 lakhs to the implementing agencies under National Agriculture Development Programme for implementation of Precision farming for the year 2007-08 in an area of 12800 ha covering 9 focused districts viz., Coimbatore, Salem, Namakkal, Dharmapuri, Krishnagiri, Villupuram, Perambalur (Composite), Dindigul, and Ramanathapuram districts and in other districts.

3. The Government of India have allocated an amount of Rs.140.38 crores for the year 2008-09 under National Agriculture Development Programme (RKVY) to this State and released an amount of Rs. 18.78 crores for implementation of projects under Stream-II of National Agriculture Development Programme (RKVY) for Agriculture and allied sectors for the year 2008-2009. This is 100% grant of the Government of India for the Programme.

4. A project proposal for implementation of Precision Farming has been submitted in the Third State Level Sanctioning Committee meeting held on 23.9.2008. The State Level Sanctioning Committee has approved project proposal for implementation of Precision Farming in Tamil Nadu during the year 2008-09 at a cost of Rs.4201.80 lakhs from National Agriculture Development Programme + Rs.2707.20 lakhs dovetailing from MIS. The Tamil Nadu Agricultural University has now submitted proposals for implementation of Precision Farming in 9400 ha. in Tamilnadu at a cost of Rs.4183 lakhs. The Tamil Nadu Agricultural University has proposed to extend the project across the State over an extent of 9400 ha and to implement through Department of Agriculture, Horticulture and Plantation Crops and KVKs with 800 ha. each in focused districts of Cuddalore, Erode, Sivaganga, Tirunelveli, Theni, Thiruvannamalai, Tiruchy, Vellore and Virudhunagar and 200 ha. each in Kanchipuram, Kanniyakumari, Karur, Madurai, Nagapattinam, Pudukottai, Thanjavur, The Nilgiris, Thiruvallur, Tiruvarur and Tuticorin. It is also proposed to dovetail the programme with Micro Irrigation programme of Government of India with 50% subsidy.

5. The Government, after careful examination, accord approval for the detailed project proposal of the Tamil Nadu Agricultural University for the year 2008-09 for implementation of Precision Farming in Tamil Nadu at a cost of Rs.4183.80 lakhs (Rupees Forty one Crores Eighty three lakhs and Eighty thousand only) under National Agriculture Development Programme (Total cost of Rs.6891.00 lakhs out of which Rs.2707.20 lakhs to be dovetailed from MIS) to the extent of 9400 ha. as indicated in the Annexure-I to III to this order. Accordingly, the Government sanction a sum of Rs.4183.80 lakhs (Rupees forty one Crores eighty three lakhs and eighty thousand only) for the implementation of Precision Farming in Tamil Nadu in total area of 9400 ha. as detailed in Annexures I, II and III to this order to the implementing agencies viz., Department of Agriculture, Department of Horticulture and Plantation Crops, Tamil Nadu Watershed Development Agency and Tamil Nadu Agricultural University as detailed below subject to the condition that under no circumstances any deviation from the decision of the State Level Sanctioning Committee

is permitted and the amount sanctioned above for the project is 100% grant-in-aid under National Agriculture Development Programme.

1. Department of Agriculture	Rs.1891.76 lakhs
2. Department of Horticulture and Plantation Crops	Rs.1980.16 lakhs
3. TAWDEVA	Rs. 14.50 lakhs
4. Tamil Nadu Agricultural University	Rs. 297.38 lakhs

Total	Rs.4183.80 lakhs

6. The expenditure sanctioned in para 5 above, shall be debited under the respective Head of Account mentioned in Annexure IV to this Order.

7. The Commissioner of Agriculture and Director of Horticulture and Plantation Crops are authorized to draw and disburse the amount sanctioned to them in para 5 above and the Commissioner of Agriculture is also authorised to draw and disburse the amount of Rs.297.38 lakhs sanctioned to Tamil Nadu Agricultural University and Rs.14.50 lakhs sanctioned to Tamil Nadu Watershed Development Agency through crossed cheque with due acknowledgement.

8. The Commissioner of Agriculture and Director of Horticulture and Plantation Crops are also authorized to draw and disburse the amount earmarked to HRD to farmers on Precision Farming to the tune of Rs.87.60 lakhs to the Tamil Nadu Agricultural University through a crossed cheque.

9. The Commissioner of Agriculture and Director of Horticulture and Plantation Crops are authorized to draw and disburse amount earmarked to Exposure Visit to Markets to the tune of Rs.43.80 lakhs to the Commissioner of Agricultural Marketing and Agri Business.

10. Necessary funds will be provided in the Revised Estimate / Final Modified Appropriation 2008-09 and pending provision of such funds, the Commissioner of Agriculture, Director of Horticulture and Plantation Crops are authorized to draw and disburse the amount sanctioned in para 5. The item of expenditure shall not constitute a new instrument of service. However it should be brought to the notice of legislature by specific inclusion in the Final Supplementary Estimates 2008-09. The Commissioner of Agriculture, Director of Horticulture and Plantation Crops, Registrar of Tamil Nadu Agricultural University and Executive Director of Tamil Nadu Watershed Development Agency are requested to include this expenditure while sending the budget proposal for Revised Estimate / Final Modified Appropriation 2008-09 to Government in Finance Department.

11. The duration of the Project is one year from the date of issue of Government Order. The Project shall be implemented by Tamil Nadu Agricultural University with the assistance of Departments of Agriculture, Department and Horticulture and Plantation Crops and Tamil Nadu Watershed Development Agency. The Tamil Nadu Agricultural University will be responsible for identifying the beneficiaries according to norms followed during 2007-08 and for quality transfer of technology and new agricultural practices to the farmers. The KVKs, Department of Agriculture and Department of Horticulture and Plantation Crops will be responsible for identifying the beneficiaries according to norms followed during 2007-2008 and for area expansion under the project in close co-ordination with the Tamil Nadu Agricultural University. The Tamil Nadu Agricultural University shall concurrently monitor the quality of transfer of technology by the KVKs, Departments of Agriculture and Horticulture and Plantations Crops and suggest corrections. The Tamil Nadu Agricultural University shall also organize training programmes under this project and the Department of Agricultural Marketing and Agri Business shall be responsible for arranging for Exposure Visit to Markets to farmers. The Executive Director, Tamil Nadu Watershed Development Agency shall monitor the implementation of programme.

12. Tamil Nadu Watershed Development Agency – the Nodal Agency shall prescribe benchmarks for outcomes, milestones with time lines and monitor the outcomes to ensure that implementing agencies adhere to them.

13. The Executive Director, Tamil Nadu Watershed Development Agency is requested to send the monthly progress report to Government of India in the prescribed format by 10th of the subsequent month under intimation to this Government without fail.

14. This order issues with the concurrence of Finance Department vide its U.O. No.523/SS(PK) Agriculture/08, dated 14.11.2008 and Additional Sanction Ledger No. 1217 [One thousand two hundred and seventeen]

(BY ORDER OF THE GOVERNOR)

SURJIT K. CHAUDHARY,
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT

To

The Commissioner of Agriculture, Chennai – 5.

The Director of Horticulture and Plantation Crops, Chennai-5

The Executive Director, Tamil Nadu Watershed Development Agency,
Chennai – 32.

The Vice Chancellor, Tamil Nadu Agricultural University, Coimbatore.

The Joint Director of Agriculture, Coimbatore

The Joint Secretary to Government of India, Ministry of Agriculture , Department of Agriculture and Co-operation, Krishi Bhavan, New Delhi – 110 001.

The Member-Secretary, State Planning Commission, Chennai – 5.

All District Collectors.

The Pay and Accounts officer, Chennai – 5 / Chennai – 35.

The Treasury Officer / Sub-Treasury Officer, Coimbatore

The Treasury Officer / Sub-Treasury Officer concerned

The Principal Accountant General, Chennai – 18 / By Name

The Principal Accountant General, Chennai – 35 / By Name

Copy to :

The Secretary to Chief Minister's Monitoring Cell, Chennai-9.

The Special Personal Assistant to Minister for Agriculture, Chennai-9.

The Personal Assistant to Agricultural Production Commissioner and Principal Secretary to Government, Chennai-9.

The Planning Development and Special Initiatives Department, Chennai – 9.

The Finance (Agriculture / BG.I / B.G. II / B. Coordination) Department, Chennai-9.

All Sections in Agriculture Department, Chennai - 9.

Spare Copies / Stock File

/FORWARDED BY ORDER/

UNDER SECRETARY TO GOVERNMENT

ANNEXURE – I

PRECISION FARMING -- BUDGET ABSTRACT - NADP 2008-2009

(Budget Rupees
Lakhs)

Project	Activities / Interventions	Breakup Among Departments				Total
		Budget Share (Rs. in lakhs)				
		DOA 4280 ha	DOH 4480 ha	TAWDE VA	TNAU 640 ha	
Precision Farming	Drip & Fertigation system and other inputs which includes seeds, WSF, PP, Nursery	1763.36	1845.76	--	263.68	3872.80
	HRD to Farmers on PF	42.80	44.80	--	6.40	94.00
	Exposure Visit to Markets	21.40	22.40	--	3.20	47.00
	TA+DA+Vehicle hire charge	42.80	44.80	--	6.40	94.00
	Publicity	21.40	22.40	--	3.20	47.00
	Monitoring	-	-	14.50	-	14.50
	Evaluation	-	-	-	14.50	14.50
	Total	1891.76	1980.16	14.50	297.38	4183.80

SURJIT K. CHAUDHARY,
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT

/TRUE COPY/

SECTION OFFICER

ANNEXURE – II

PRECISION FARMING PROJECT: IMPLEMENTING AGENCIES

(Units in Hectare)

A. Focus districts	KVK	Commissionerate of Agriculture	Directorate of Horticulture	Total
1. Cuddalore	100	350	350	800
2. Erode	-	400	400	800
3. Sivaganga	100	350	350	800
4. Tirunelveli	-	400	400	800
5. Theni	-	400	400	800
6. Thiruvannamalai	-	400	400	800
7. Trichy	100	350	350	800
8. Vellore	100	350	350	800
9. Virudhunagar	100	350	350	800
Sub Total (A)	500	3350	3350	7200

B. Other districts	KVK	Commissionerate of Agriculture	Directorate of Horticulture	Total
1. Kanchipuram	20	90	90	200
2. Kanyakumari	20	90	90	200
3. Karur	-	100	100	200
4. Madurai	20	90	90	200
5. Nagapattinam	20	90	90	200
6. Pudukottai	20	90	90	200
7. Tanjore	-	100	100	200
8. The Nilgiris	-	-	200	200
9. Tiruvallur	20	90	90	200
10. Tiruvarur	20	90	90	200
11. Tuticorin	-	100	100	200
Sub Total (B)	140	930	1130	2200
Grand Total (A+B)	640	4280	4480	9400

SURJIT K. CHAUDHARY,
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT

/TRUE COPY/

SECTION OFFICER

ANNEXURE – III

PROJECT COMPONENTS AND FINANCING

<u>Sl. No.</u>	<u>Component</u>	<u>Dovetail to MIS (Rs.)</u>	<u>NADP</u>		
			<u>Per ha</u>	<u>800 ha (Rs. Lakhs)</u>	<u>200 ha (Rs. Lakhs)</u>
		<u>Per Ha (Rs.)</u>			
<u>A. Cultivation expenses</u>					
<u>01.</u>	Drip & Fertigation system @ Rs.80,000 /ha	(28,800)	11,200	89.60	22.40
<u>02.</u>	Community nursery @ one / 20 ha @ Rs.1.00 lakh / unit for the farmers group	-	(5,000)	40.00	10.00
	Sub Total (A)	28,800	11,200	129.60	32.40
<u>B. Cultivation / Input Cost</u>					
<u>03.</u>	Seed & Plants @ Rs.5000/ ha	-	(5,000)	40.00	10.00
<u>04.</u>	WSF @ Rs.15,000 / ha	-	15,000	120.00	30.00
<u>05.</u>	Plant protection chemicals @ Rs.5000 / ha	-	5,000	40.00	10.00
	Sub Total (B)		25,000	200.00	50.00
<u>C. Service cost</u>					
<u>06.</u>	Training to farmers (1000) 2 days training @ Rs.500 /day/ head at Dharmapuri	-	-	8.00 (800 Nos.)	2.00 (200 Nos.)
<u>07.</u>	Exposure visit to markets (office bearers 40 x 3=120+40 Technical staff) 160 x @ 2500 / head	-	-	4.00 (160 Nos.)	1.00 (40 nos)
<u>08.</u>	TA + DA + Vehicle hire Charges	-	-	8.00	2.00
<u>09.</u>	Publicity and documentation	-	-	4.00	1.00
<u>10.</u>	Monitoring (TAWDEVA)	-	-	1.00	0.50
<u>11.</u>	Evaluation (TNAU)	-	-	1.00	0.50
	Sub Total (C)	-	-	26.00	7.00
	Grand Total (A+B+C)	-	-	355.60	89.40
	Budget for 9 districts X Rs.355.60 lakhs	-	-	3200.40	--

	Budget for 11 districts X Rs.89.40 lakhs	-	-	--	983.40
				3200.40	983.40
	Total Budget under NADP (Rs.3200.40+983.40) = Rs.4183.80				
	Budget Dovetailed from MIS 9400 ha X Rs.28,800 = Rs.2707.20				
	Total Project Cost = Rs.6891.00				

*Item 10 and 11 shall be undertaken by Tamil Nadu Agricultural University

Total cost of Production/ha:

Drip Rs.80,000 + Cultivation Cost Rs.50,000

Total Rs.1,30,000;

Farmers Contribution/ha:

Drip Rs.40,000 + Cultivation Cost Rs.25,000*

Total Rs. 65,000

(*Farmers Cultivation cost Ploughing, discing, chiseling, Wages, FYM, Organic inputs, Weedicides, Transport Stakes and crates)

SURJIT K. CHAUDHARY,
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT

/TRUE COPY/

SECTION OFFICER

ANNEXURE – IV
PRECISION FARMING 2008- 2009 -- IInd PHASE

Department of Agriculture

Activities / Interventions	2401-00-Crop Husbandry – 800 Other Expenditure – Schemes in the Eleventh Five Year Plan – II State Plan – KF – National Agriculture Development Programme (NADP-RKVY) – Agriculture Department			Budget (Rs. in lakhs)
	Detailed head	Sub detailed	DPC	
Drip & Fertigation system and other inputs which includes seeds, WSF, PP, Nursery	11 subsidies	01 Individual Based subsidy	(2401 00 800 KF 1111)	1410.688
HRD to Farmers on PF	72 Training		(2401 00 800 KF 7204)	42.800
Exposure Visit to Markets				21.40
TA+DA+Vehicle hire charge	33 Payments for Professional and Special Services	03 Special Services	(2401 00 800 KF 3333)	42.800
Publicity	08 Advertising and Publicity	01 Advertisement Charges	(2401 00 800 KF 0818)	21.400
Total				1539.088

Activities / Interventions	2401-00-Crop Husbandry – 789 JK – National Agriculture Development Programme (NADP- RKVY) under Special Component Plan - Agriculture Department				Budget (Rs. in lakhs)
	Total amount	Detailed head	Sub detailed	DPC	
Drip & Fertigation system and other inputs which includes seeds, WSF, PP, Nursery	1763.36	11 subsidies	01 Individual Based subsidy	(2401 00 789 JK 1118)	352.672

SURJIT K. CHAUDHARY,
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT
/TRUE COPY/

SECTION OFFICER

Department of Horticulture and Plantation Crops :-

Activities / Interventions	2401-00-Crop Husbandry – 119 Horticulture and Vegetable Crop Schemes in the Eleventh Five Year Plan – II State Plan – LA – National Agriculture Development Programme (NADP- RKVY) – Horticulture Department			Budget (Rs. lakhs)
	Detailed head	Sub detailed	DPC	
Drip & Fertigation system and other inputs which includes seeds, WSF, PP, Nursery	11 subsidies	01 Individual Based subsidy	2401 00 119 LA 1115	1476.61
HRD to Farmers on PF	72 Training			44.800
Exposure Visit to Markets				22.40
TA+DA+Vehicle hire charge	33 Payments for Professional and Special Services	03 Special Services	2401 00 119 LA	44.80
Publicity and documentation	08 Advertising and Publicity	01 Advertisement Charges	2401 00 119 LA	22.40
				1611.01

Activities / Interventions	2401 – 00 – Crop Husbandry – 789 – Special Component Plan for Scheduled Castes – Schemes in the Eleventh Five Year Plan – II State Plan – JL – National Agriculture Development Programme (NADP- RKVY) under Special Component Plan – Horticulture Department				Budget (Rs. lakhs)
	Total amount	Detailed head	Sub detailed	DPC	
Drip & Fertigation system and other inputs which includes seeds, WSF, PP, Nursery	1845.76	11 subsidies	01 Individual Based subsidy	2401 00 119 JL 1116	369.15

SURJIT K. CHAUDHARY,
 AGRICULTURAL PRODUCTION COMMISSIONER
 AND PRINCIPAL SECRETARY TO GOVERNMENT

/TRUE COPY/

SECTION OFFICER

Tamil Nadu Agricultural University

2415 – Agricultural Research and Education - 01-Crop Husbandry – 120 – Assistance to other Institutions – Schemes in the Eleventh Five year Plan – II State Plan – JD – Grants to Tamil Nadu Agricultural University – Schemes under National Agriculture Development Programme (NADP-RKVY)			Budget (Rupees lakhs)
Detailed head	Sub detailed	DPC	
09 –Grants-in-aid	03 Grants for specific schemes	(DPC 2415- 01-120-JD-0934)	297.38

TAWDEVA

2401-00-Crop Husbandry-800 Other Expenditure - Schemes in the Eleventh Five Year Plan-II State Plan – KF – National Agriculture Development Programme (NADP-RKVY)- Agriculture Department

Detailed Head	Sub-detailed	DPC	Budget (Rs.in lakhs)
09-Grants-in-aid	03 Grants for Specific Schemes	2401-00-800-KF-0934	14.50

SURJIT K. CHAUDHARY,
AGRICULTURAL PRODUCTION COMMISSIONER
AND PRINCIPAL SECRETARY TO GOVERNMENT

/TRUE COPY/

SECTION OFFICER