

AGRICULTURE

The Planning Commission has identified the reversal in the trend of agricultural growth as one of the major challenges of the XI Five Year Plan and stressed the need for a second green revolution to raise the growth rate of agriculture GDP to around 4%. This task is even more onerous in respect of the Union Territory of Puducherry because the current GSDP of the Union Territory in respect of agriculture is much less than the national GDP of 2%. To achieve the projected target, the Planning Commission has advocated measures on both demand and supply side.

A separate Seed Certification Agency has since been established for the Union Territory of Puducherry. The Department has a fully equipped Seed Testing Laboratory notified under Seeds Act, and 5 seed processing units have been operationalised with adequate capacity to supply quality seeds to farmers. The availability of Certified Seeds has gradually increased from 550 MT in 1998-99 to 967 MT in 2005-2006 increasing the seed replacement rate from 47.6% to 70% in respect of Paddy. To reduce the use of chemical fertilizers in the field, compost is distributed to the farming community at subsidized cost. About 10,250 hectares of land had been brought under green manure by distributing seeds like Daincha and sunhemp at 75% subsidy to general category of farmers and at 100% subsidy to SC farmers under the Plan Scheme during 2005-06. The Department of Agriculture is taking steps to promote organic farming in the U.T.

Due to promotion of Integrated Pest Management, the pesticide consumption in the Union Territory of Puducherry has been reduced from 130 MT in 1994-95 to 41 MT in 2005-06. Necessary forecasting / forewarning has been done to avoid large-scale damage to the crops, through intensive roving and fixed plots surveys. Further, under pest surveillance scheme efforts have been made to install large number of light traps and pheromone traps to effectively monitor and forecast any outbreak of pest and disease. The above inputs are made available to farmers through 44 outlets of PASIC and 89 Private dealers. The usage of farm machinery occupies a prime role in the field of agriculture in the U.T. of Puducherry. During the past several years there has been an increasing demand for the supply of tractors, power tillers and improved implements. Under the Plan Scheme of "Promotion of Agricultural Mechanization", 50 % subsidy assistance is extended to the farmers for the purchase of tractors, power tillers and improved agricultural implements. So far, 352 nos. of tractors and 438 nos. of power tillers have been distributed to the farmers under this scheme. Farm machineries are made available in the Farmers Help Centers in the villages for easy access to the farmers to take on hire basis. Additional price incentive is being given to the farmers at the rate of Rs.50/- per Qtl of paddy sold through the Regulated markets in Puducherry, Karaikal and Yanam regions.

One time financial assistance at the rate of Rs.60,000/- per ha was extended to the affected farmers to undertake reclamation measures in the Tsunami affected lands during December 2004 and also to compensate for the yield losses during the next few years. An amount of Rs.60 lakhs has been sanctioned for Puducherry region and Rs.521.00 lakhs for Karaikal region for this purpose. Training programmes and exposure visits were conducted to the Tsunami affected farmers and extension workers at Puducherry and Karaikal regions in developing skills about reclamation and restoration of productivity in the Tsunami affected lands. An amount of Rs.0.94 lakhs was spent for 85 nos of beneficiaries in Puducherry region and Rs.2.72 lakhs for 120 nos. of beneficiaries in Karaikal region. An amount of Rs.12.86 lakhs was sanctioned as financial assistance for two years to Government sponsored college of Agriculture and Research Institution (PAJANCOA), Karaikal for undertaking the three year project "Restoration of Soil Productivity in the Tsunami affected areas in the U.T. of Puducherry".

To offset and counter the implications of the policies on Agriculture under WTO regime, a demand driven extension approach through Uzhavar Udhaviyagams had been introduced. During the past four years 33 Uzhavar Udhaviyagams have been opened in

Puducherry, Karaikal, Mahe and Yanam regions. With this, all the villages in the Union Territory of Puducherry have been brought under the fold of Uzhavar Udhaviyagams. These centres are offering one stop solution to the needs of the farmers. Apart from rationalizing the issue of Agriculture Inputs through these centres, Modern Machineries such as Harvesters, Paddy Transplanters, Tractors, Threshers and Plant Protection equipments are provided to the Pasumai Padais of Uzhavar Udhaviyagams.

During the Eleventh Five year plan, it is proposed to step up the growth rate of agriculture to 4% of GDP through crop diversification, strengthening of agriculture extension through Agricultural Technology Management Agency (ATMA), encouraging private participation etc. Constraints in increasing the agricultural productivity will be identified through the Task Force constituted for this purpose and remedial measures will be taken accordingly. As recommended by the National Commission for Farmers, effective links will be established with research institutions and best practices. Crop insurance will help in indemnifying farmers against damages caused by natural calamities. Crop diversification will be supported by effective marketing linkages including promotion of private markets and contract farming. Model farms will be developed in every village covering 20-25 acres to demonstrative modern agricultural practices to farmers for better earnings.

Attention is being focused on horticulture as an inevitable alternative to diversify agriculture area where the per hect returns are manifold when compared to cereals and other crops. Horticulture crops in this union territory occupy only 9.5% of the agriculture area out of which 4.3% is occupied by horticultural crops like vegetables, fruits, flowers and 5.2% by coconut gardens. Considering various advantages and benefits of the horticulture crops, it is proposed to bring the 20% of the cultivated are under this crops. In order to promote hi-tech horticulture, attractive back - ended subsidies were given to farmers for increasing the production and productivity of horticulture crops, including Medicinal/Aromatic plants, hi-tech floriculture by cultivation of Dendrobium, Orchids etc. The study on "Master Plan for the Development of Horticulture in Puducherry and Karaikal Regions" has been entrusted with Pandit Jawaharlal Nehru College of Agriculture and Research Institute (PAJANCOA), Karaikal. Necessary action will be taken up for the implementation of the recommendations as per the feasibility by the Agriculture Department.

To popularize the medicinal plants among the public, valuable and rare medicinal plants are being conserved at the Medicinal plants interpretation center, Madagadipet, Puducherry under the project "Improvement and Conservation of Medicinal plants". Discussions/Trainings on local health tradition, medicinal/herbal plants are being arranged at this center. A medicinal plant processing industry and Agricultural Technology Management Agency (ATMA) are proposed to be set up. To make agriculture, more profitable and viable modern techniques like precision farming diversification into horticulture and floriculture will be explored. It is also proposed to develop infrastructure like building, purchase of refrigeratory van, cold storage structure etc. for marketing of horticulture products. Contract farming will be encouraged so that farm house get a fair and assured price for the producers. Establishment of private market yards and participation of private entrepreneurs in marketing of agriculture products will be encouraged.

Agricultural labour constitutes the major chunk of workforce in the Union Territory of Puducherry. They are deprived of various facilities available to the labourers in organized sectors and other avocations such as fishing, construction and industries. The Agricultural Workers Welfare Society will promote the welfare and social security of the agricultural workers and their families in the Union Territory of Puducherry and to take up such programmes and schemes for their benefit as deemed necessary from time to time. This is a pioneering scheme, which will be implemented for the first time in the Union Territory of Puducherry. With the above object, a new scheme, viz., "Scheme for welfare Society for agricultural labourers" was introduced during the financial year 2005-06. For the self-employment to agriculture graduates for setting up of Agri-Business enterprises is proposed to be introduced for availing loan from financial institutions and providing subsidies on the investment.

OUTLAY AT A GLANCE

Sector : AGRICULTURE

No. of Schemes : 20

Department : AGRICULTURE

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	8,400.00
Annual Plan 2002-05 Actual Expenditure	:	6,027.06
Annual Plan 2005-06 Actual Expenditure	:	2,801.21
Annual Plan 2006-07 Approved Outlay	:	2,429.00
Annual Plan 2006-07 Revised Outlay	:	2,609.00
Eleventh Five Year Plan 2007-12 Proposed Outlay	:	29,750.00
Annual Plan 2007-08 Proposed Outlay	:	5,600.00

(Rs. in lakh)

Sl. No.	Name of Scheme	Annual Plan 2005-06	Annual Plan 2006-07		Eleventh Plan 2007-12	Annual Plan 2007-08
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Crop Production Technology	375.58	414.00	410.00	2,758.00	542.00
2.	Integrated programme for seed promotion and certification	66.41	90.00	71.00	652.00	130.00
3.	Promotion of Agricultural Mechanization	156.25	135.00	160.00	1,700.00	319.00
4.	Infrastructure development for agriculture production through PASIC	70.00	80.00	80.00	540.00	150.00
5.	Promotion of Post Harvest Technologies	19.99	20.00	10.00	100.00	20.00
6.	Training and capacity building to develop human resources	0.83	4.00	2.00	23.00	4.00
7.	Introduction and maintenance of e-governance initiatives	11.60	22.00	20.00	200.00	40.0
8.	Scheme for monitoring and Evaluation	3.00	3.00	--	--	--
9.	Pondicherry Agricultural Workers Welfare Society (Scheme for Welfare Society for Agricultural Labourers)	20.00	20.00	11.00	770.0	152.00

(Rs. in lakh)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
10.	Soil Resources Management & Inputs Quality Control	19.38	26.00	25.00	286.00	50.00
11.	Scheme for diversification in Agriculture through Horticultural crops (Development of Horticultural Crops)	303.44	300.00	300.00	2,591.00	429.00
12.	Agricultural College and Krishi Vigyan Kendra	857.22	945.00	795.00	12,681.00	1,367.00
13.	Development of infrastructure for agriculture marketing	247.51	245.00	675.00	2,894.00	496.00
14.	Purchase and Distribution of lands to landless rural SC people	100.00	25.00	--	--	--
15.	Creation of Infrastructural facilities for tsunami affected areas.	550.00	100.00	50.00	50.00	10.00
16.	Pilot Project on sustainable agriculture through organic farming	--	--	--	255.00	37.00
17.	Scheme for Hi-tech horticulture through precision farming and technological intervention	--	--	--	2,875.00	1580.00
18.	Scheme for promoting Crop Insurance	--	--	--	250.00	40.00
19.	Scheme for setting up of relief fund to provide assistance to farmers	--	--	--	750.00	150.00
20.	Scheme for un-employed agriculture graduates for setting up of Agri-business enterprises	--	--	--	375.00	84.00
Total		2,801.21	2,429.00	2,609.00	29,750.00	5,600.00

Scheme No. 1

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Crop Production Technology**2. Objective of the Scheme** :

The object of the scheme is to increase the productivity of field crops necessitated by the decreasing land availability for agriculture. This will be done by dissemination of technologies through the conduct of field demonstration training programmes, study tours, seminars, melas, campaigns etc.,

Agricultural Inputs such as seeds, micronutrients, P.P.chemicals, tools and implements, farm machineries etc., needed by the farmers for increasing the production will be made available at subsidized cost. Infrastructure items such as threshing floors needed for Crop Husbandry Programmes will be taken care of under this scheme. Uzhavar Udhaviyagams, which offer one stop solution to the needs of farmers, will be strengthened through construction of permanent buildings and provided with the requisite infrastructure

The existing extension system under Uzhavar Udhaviyagams will be further strengthened and upgraded by implementing the "Agricultural Technology Management Agency (ATMA)" programme availing central assistance. The extension reforms envisaged under ATMA will promote an integrated approach to the agricultural extension by involving all line departments such as Animal Husbandry, Fisheries, forests etc., Innovative technologies like System of Rice Intensification, Method of cultivation etc., will be propagated.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	1145.56
(b) 2005-06 (Actual Expenditure)	:	375.58
(c) 2006-07 (Approved Outlay)	:	414.00
(d) 2006-07 (Revised Outlay)	:	410.00
(e) Actual Physical Achievement (2002-05)	:	

<u>Name of the Crop</u>	<u>Area in hectcs</u>	<u>Production in MT / Bales</u>
Rice	24,259	68,778
Pulses	4,752	1,985
Groundnut	1,995	5,359
Gingelly	182	117
Sugarcane	2,522	2,09,160
Cotton	1,230	5,046

i.	Compost distributed in MT	-	13999
ii.	Bio-fertilizers distributed in MT	-	112
iii.	IPM demonstrations conducted on Paddy, Groundnut, Sugarcane, Cotton and other Crops in Nos.	-	29
iv.	Establishment of Farmers Help Centres	-	20

(f) Actual Physical Achievement (2005-06) :

<u>Name of the Crop</u>	<u>Area in hectcs</u>	<u>Production in MT / Bales</u>
Rice	23594	49280
Pulses	5103	1695
Groundnut	1689	4459
Gingelly	279	178
Sugarcane	3865	294800 (anticipated)
Cotton	380	1858
i. Compost distributed in MT		- 4093
ii. Bio-fertilizers distributed in MT		- 42
iii. IPM demonstrations conducted on Paddy, Groundnut, Sugarcane, Cotton and other Crops in Nos.		- 13
iv. Establishment of Farmers Help Centres		- 10

(g) Anticipated Physical Achievement (2006-07) :

<u>Name of the Crop</u>	<u>Area in hectcs</u>	<u>Production in MT / Bales</u>
Rice	25,000	88,000 MT
Pulses	7,000	6,000 MT
Groundnut	2,500	7,000 MT
Gingelly	500	500 MT
Sugarcane	2,000	2,00,000 MT
Cotton	500	2,500 bales
i. Compost distributed in MT		- 6,000
ii. Bio-fertilizers distributed in MT		- 45
iii. IPM demonstrations conducted on Paddy, Groundnut, Sugarcane, Cotton and other Crops in Nos.		- 15
iv. Creation of one post of Telephone Operator		

4. Proposed Outlay for the Eleventh Plan (2007-12) : 2758.00

Proposed Outlay for the Annual Plan (2007-08) : 542.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

<u>Name of the Crop</u>	<u>Area in hectcs</u>	<u>Production in MT / Bales</u>
Rice	25,000	95,000
Pulses	7,000	6,000
Groundnut	2,500	7,250
Gingelly	500	500
Sugarcane	2,000	2,00,000
Cotton	500	2,500

6. Programme envisaged for the Annual Plan (2007-08) :

<u>Name of the Crop</u>	<u>Area in hecta</u>	<u>Production in MT / Bales</u>
Rice	25,000	95,000
Pulses	7,000	6,000
Groundnut	2,500	7,250
Gingelly	500	500
Sugarcane	2,000	2,00,000
Cotton	500	2,500

7. Remarks : Continuing Scheme

i) Continuing Scheme.

ii) New Components

- Purchase of two wheelers for the A.O.s' working in the Uzhavar Udhaviyagams.
- Popularization of SRI technique in paddy by giving assistance to the farmers.
- State share of 10% for operationalising ATMA project under CSS.
- Assistance to farmers to undertake low water consuming alternate crops like sunflower, maize etc., through extending back ended subsidy.
- Construction of seed godown at seed processing unit at Yanam
- Establishment of KVK at Yanam.
- Back ended subsidy to encourage the cultivation of field crops like paddy, banana, vegetables and tapioca in Mahe region.
- Expansion / maintenance of State Seed Farm, Madur.
- Providing interest subsidy on crop loans.
- Acquisition of land / construction of buildings for the shifting of the Agricultural Complex, Thattanchavady.
- Providing financial assistance for construction of godowns @ 40% of the cost as subsidy.

Creation of Posts:

1 No. Store Keeper Grade-III , 1 No. Telephone Operator

YANAM

Crop Production Technology

a) Supdt.	1
b) AO (UU)	1
c) AO (AE)	1
d) AAO	1
e) Fieldman	2
f) Demn. Asst.	2
g) Mazdoor	6
h) Data Entry Operator	1
i) S. K. Grade-I	1

Mini Experimental Farm

AO (Farm)	1
Asst.	1
UDC	1
LDC	1
Fieldman	1
Watchman	2
Peon	1
CLR	6

UZHAVAR UDHAVIYAGAMS

AO	1+1
Fieldman	1+1
Demn. Asst.	1+1
Watchman	2+2
Peon	1
CLRs/Mazdoor	2+2

KVK, YANAM

a) Principal (JDA)	1	Record Asst.	1
b) Training Asso. (DDA)	4	Fieldman	1
c) JAO	1	Driver Grade-II	1
d) Supdt.	1	Mazdoor	4
e) Asst.	3	Peon	2
f) DEO	1	Watchman	2
g) UDC	2	Attender	1
h) LDC	1	Sanitary Asst.	6
SK Grade-I	1	CLR	20

Scheme No. 2

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Integrated Programme for Seed Promotion and Certification

2. Objective of the Scheme :

The objective of the scheme is to ensure adequate availability of certified seed to farmers so that the area under major field crops, especially in the case of paddy, pulses & groundnut is covered with certified / quality seed. This is proposed to be achieved by encouraging more farmers go in for seed production by offering suitable incentives and developing infrastructure for seed processing etc., In order to rope in more farmers go in for seed certification, it is proposed to extend input subsidy to seed growers by including a new component under the scheme. Combined efforts of the Pondicherry Seed Certification Agency , which was established during the X Five Year Plan ,and the Department of Agriculture will be put into achieve the following specific goals.

- To increase the Seed Replacement Rate of Paddy from the current 70 % to cover the entire area cultivated.
- To attain the targeted levels of Seed Replacement Rate of 10% in respect of groundnut and 15% in respect of pulses.
- To encourage Seed Certification in Vegetable Crops

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	171.19
(b) 2005-06 (Actual Expenditure)	:	66.41
(c) 2006-07 (Approved Outlay)	:	90.00
(d) 2006-07 (Revised Outlay)	:	71.00

(e) Actual Physical Achievement (2002-05) :

Certified Seed Production and Distribution in MT

a. Paddy	-	3352
b. Pulses	-	2
c. Groundnut	-	1

(f) Actual Physical Achievement (2005-06) :

Certified Seed Production and Distribution in MT

a. Paddy	-	949
b. Pulses	-	-
c. Groundnut	-	16

(g) Anticipated Physical Achievement (2006-07) :

Certified Seed Production and Distribution in MT

a. Paddy	-	1050
b. Pulses	-	6
c. Groundnut	-	17

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 652.00

Proposed Outlay for the Annual Plan (2007-08) : 130.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

Seed Production in MT

		Foundation	Certified	Labeled	Total
a) Paddy	-	200	5200	-	5400
b) Pulses	-	1	21	10	32
c) Groundnut	-	5	38	15	58

6. Programme envisaged for the Annual Plan (2007-08) :

Seed Production in MT

		Foundation	Certified	Labeled	Total
a) Paddy	-	40.00	1080.00	-	1120.00
b) Pulses	-	0.20	4.00	2.00	6.20
c) Groundnut	-	1.25	7.00	3.00	11.25

7. Remarks : Continuing Scheme

i) New Components

- Input subsidy to seed growers for production of certified seeds of groundnut and pulses at Rs.1,000/- per acre
- Establishment of seed testing laboratory at Karaikal.

ii) Change of pattern of assistance:

- a. Incentive to seed growers/Institutions for production of foundation seeds @ Rs.8/- per Kg for paddy, pulses and groundnut instead of Rs.6/- per Kg.
- b. Incentives for production of certified seeds to be enhanced from Rs.4/- per Kg. to Rs.5/- per Kg for paddy.

Creation of Posts :

Lab Attender – 2 No. (Scale of Pay : 2650-60-4000)

Scheme No. 3

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Promotion of Agricultural Mechanization

2. Objective of the Scheme :

Farm Machinery and Implements are recognized as major power inputs for increasing Production and Productivity and reducing human drudgery. Farm Mechanization, besides reducing delays in field operations, will increase the work output per unit time, improve the quality of work done and also will enable conservation of inputs such as seeds, fertilizers and irrigation water. To achieve this goal farm machineries and Improved Agricultural Implements will be made available to farmers at subsidized cost.

Since all the farmers cannot afford even to own these machineries and improved implements made available by the Agriculture Department at subsidized cost, it is proposed to purchase and transfer a set of farm machinery consisting of a tractor with matching implements, a tipper, trailer, a transplanter, a combine harvester, a winnower and other allied improved agricultural implements to the remaining Uzhavar Udaviyagams left over from the X Five Year Plan for management and maintenance and for custom hiring among their member beneficiaries based on extent and need. The advantage of this scheme is that the farm machineries will be available in the villages itself for easy access to the farmers to taken on hire basis. This would also ease the problems faced by farmers due to non-availability of labour in time.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	677.00
(b) 2005-06 (Actual Expenditure)	:	156.25
(c) 2006-07 (Approved Outlay)	:	135.00
(d) 2006-07 (Revised Outlay)	:	160.00
(e) Actual Physical Achievement (2002-05)	:	
i. Distribution of tractor to individual farmers at subsidized cost (Nos.)	-	218
ii. Distribution of Power tillers to individual Farmers at subsidized cost (Nos.)	-	147

iii.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidized cost (Nos.)	-	91
iv.	Distribution of conventional implements like chain pulley block, cultivators, discs, cage wheel etc., to individual farmers at subsidized cost (Nos.)	-	77
(f) Actual Physical Achievement (2005-06) :			
i.	Distribution of tractor to individual farmers at subsidized cost (Nos.)	-	47
ii.	Distribution of Power tillers to individual Farmers at subsidized cost (Nos.)	-	78
iii.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidized cost (Nos.)	-	18
iv.	Distribution of conventional implements like chain pulley block, cultivators, discs, cage wheel etc., to individual farmers at subsidized cost (Nos.)	-	32
(g) Anticipated Physical Achievement (2006-07) :			
i.	Distribution of tractor to individual farmers at subsidized cost (Nos.)	-	57
ii.	Distribution of Power tillers to individual Farmers at subsidized cost (Nos.)	-	75
iii.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidized cost (Nos.)	-	13
iv.	Distribution of conventional implements like chain pulley block, cultivators, discs, cage wheel etc., to individual farmers at subsidized cost (Nos.)	-	37

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 1700.00

Proposed Outlay for the Annual Plan (2007-08) : 319.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

i.	Distribution of tractor to individual farmers at subsidized cost (Nos.)	-	362
ii.	Distribution of Mini Tractor to individual farmers at subsidized cost (Nos.)		20
iii.	Distribution of Power tillers to individual Farmers at subsidized cost (Nos.)	-	375
iv.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidized cost (Nos.)	-	75

- v. Distribution of conventional implements like chain pulley block, cultivators, discs, cage wheel etc., to individual farmers at subsidized cost (Nos.) - 600

6. Programme envisaged for the Annual Plan (2007-08) :

- i. Distribution of tractor to individual farmers at subsidized cost (Nos.) - 68
- ii. Distribution of Mini Tractor to individual farmers at subsidized cost (Nos.) 4
- iii. Distribution of Power tillers to individual Farmers at subsidized cost (Nos.) - 59
- iv. Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplinters etc., to individual farmers at subsidized cost (Nos.) - 15
- v. Distribution of conventional implements like chain pulley block, cultivators, discs, cage wheel etc., to individual farmers at subsidized cost (Nos.) - 120

7. Remarks : Continuing Scheme

i) New Component

- a. Assistance to individual farmers for the purchase of small HP tractor (less than 35 HP)
- b. Assistance to marginal / small farmers / agricultural labourers for purchase of farm machineries @ 50% subsidy for custom hiring.

Scheme No. 4

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Infrastructure Development for Agriculture production through PASIC

2. Objective of the Scheme :

The Pondicherry Agro Service and Industries Co-operation, which is undertaking the distribution of Agricultural Inputs, tool and equipments needed to the farming community under different departmental schemes, will be assisted to expand their business activities by extending share capital assistance.

(Rs. in lakh)

3. Tenth Plan 2002-07

- (a) 2002-05 (Actual Expenditure) : 150.00
- (b) 2005-06 (Actual Expenditure) : 70.00

(c) 2006-07 (Approved Outlay)	:	80.00
(d) 2006-07 (Revised Outlay)	:	80.00
(e) Actual Physical Achievement (2002-05)	:	

PASIC assisted the Department in the distribution of various subsidy inputs, implements, machineries etc to the farming community through its Agro Depots.

(f) Actual Physical Achievement (2005-06)	:	
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PASIC assisted the Department in the distribution of various subsidy inputs, implements, machineries etc to the farming community through its Agro Depots.

(g) Anticipated Physical Achievement (2006-07)	:	
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PASIC assisted the Department in the distribution of various subsidy inputs, implements, machineries etc to the farming community through its Agro Depots.

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	540.00
Proposed Outlay for the Annual Plan (2007-08)	:	150.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

i. Establishing Herbal Mineral water unit	:	1 No.
ii. Establishment of Green house	:	1 No.
iii. Establishment of Orchardium for cultivation of orchids	:	1 No.
iv. Establishment of Hi-tech Horticulture produce sales centre	:	1 No.

6. Programme envisaged for the Annual Plan (2007-08) :

i. Establishing Herbal Mineral water unit	:	1 No.
ii. Establishment of Green house	:	1 No.
iii. Establishment of Orcharium for cultivation of orchids	:	1 No.
iv. Establishment of Hi-tech Horticulture produce sales centre	:	1 No.

7. Remarks : Continuing Scheme

Scheme No. 5

Sector : AGRICULTURE Implementing Department : AGRICULTURE

1. Name of the Scheme : Promotion of Post Harvest Technologies

2. Objective of the Scheme :

The objective of the scheme is to minimize the post harvest losses by making available improved threshing floor and storage structures to farming community. The farm machineries required for Post Harvest operations will be made available for custom hiring to member beneficiaries based on extent and need. Tarpaulins will be provided under subsidy to protect the produce from unexpected precipitation.

As the period of harvest of Sornavari/Kuruvai and Samba Paddy generally coincides with peak period of south west and north east monsoon showers, farmers are facing much hardship every year in harvesting their crops and processing it viz., threshing, winnowing and drying their produce to get maximum return. The marginal farmers and small farmers in particular are experiencing much difficulties in threshing, winnowing and drying their produce during the rainy season due to non-availability of threshing floor facilities in the rural areas. The produce thus produced with great difficulties could not be stored by them for a reasonable period due to non availability of proper storage structures in the rural areas and could not be sold during the peak marketing period to get a reasonable price. Implementation of this scheme will help farmers overcome this problem.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	35.00
(b) 2005-06 (Actual Expenditure)	:	19.99
(c) 2006-07 (Approved Outlay)	:	20.00
(d) 2006-07 (Revised Outlay)	:	10.00
(e) Actual Physical Achievement (2002-05)	:	
Construction of Threshing floors to Water Users Association / Co-operatives / NGOs and Uzhavar Udaviyagams	-	16
(f) Actual Physical Achievement (2005-06)	:	
Construction of Threshing floors to Water Users Association / Co-operatives / NGOs and Uzhavar Udaviyagams	-	3
(g) Anticipated Physical Achievement (2006-07)	:	
Construction of Threshing floors to Water Users Association / Co-operatives / NGOs and Uzhavar Udaviyagams	-	4

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	100.00
Proposed Outlay for the Annual Plan (2007-08)	:	20.00
5. Programme envisaged for the Eleventh Plan (2007-12)	:	
Construction of Threshing floors	-	30
6. Programme envisaged for the Annual Plan (2007-08)	:	
Construction of Threshing floors	-	6
7. Remarks	:	Continuing Scheme

Scheme No. 6

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Training and capacity Building to develop human resources

2. Objective of the Scheme :

The objective of the scheme is to organize training programmes for the officials and staff of the department to channelise the Human Resource potential for increasing the efficiency, achieve higher productivity in all the scheme works, reorient the psychological and mental attitude of the personnel in the execution of duties and for creating a better interface between the Official machinery and farming community. The entire cost of the training of the officials and field staff will be borne under this scheme.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) **2002-05 (Actual Expenditure)** : **1.49**

(b) **2005-06 (Actual Expenditure)** : **0.83**

(c) **2006-07 (Approved Outlay)** : **4.00**

(d) **2006-07 (Revised Outlay)** : **2.00**

(e) **Actual Physical Achievement (2002-05)** :

Agricultural Officer's and Field Staff of the Agriculture Department trained in Research Stations / Agriculture Universities / KVKs of southern states and through experts of other states in the Union Territory of Puducherry in Nos. - 209

(f) **Actual Physical Achievement (2005-06)** :

Agricultural Officer's and Field Staff of the Agriculture Department to be trained in Research Stations / Agriculture Universities / KVKs of southern states and through experts of other states in the Union Territory of Puducherry in Nos. - 18

(g) **Anticipated Physical Achievement (2006-07)** :

Agricultural Officer's and Field Staff of the Agriculture Department to be trained in Research Stations / Agriculture Universities / KVKs of southern states and through experts of other states in the Union Territory of Puducherry in Nos. - 60

4. Proposed Outlay for the Eleventh Plan (2007-12) : **23.00**

Proposed Outlay for the Annual Plan (2007-08) : **4.00**

5. Programme envisaged for the Eleventh Plan (2007-12) :

Agricultural Officer's and Field Staff of the Agriculture Department to be trained in Research Stations / Agriculture Universities / KVKs of southern states and through experts of other states in the Union Territory of Puducherry in Nos. - 300

6. Programme envisaged for the Annual Plan (2007-08) :

Agricultural Officer's and Field Staff of the Agriculture Department to be trained in Research Stations / Agriculture Universities / KVKs of southern states and through experts of other states in the Union Territory of Puducherry in Nos. - 60

7. Remarks : Continuing Scheme

Scheme No. 7

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Introduction & Maintenance of e-governance initiatives (Introduction of e-governance)

2. Objective of the Scheme :

With the advent of digital technologies, this Department felt that Information and Communication Technology is to be blended with the traditional extension activities so as to make it effective, efficient and far reaching. It was felt that the maximum information should be given to the farming community to enable them to arrive at informed decisions. Further it was felt that in the Changing agricultural scenario worldwide, it is necessary to build up a market oriented extension network for which ICT is an integral part.

Hence, during the Tenth Five Year Plan, the scheme titled "Introduction of e-governance" coupled with the assistance from the Government of India under the macro management plan, e-governance initiatives such as a website to cater to the information needs of the farmers, networking to share the hardware/software sources, internet access at a better speed, development of human resources by way of training the officials/staff members on Office Automation etc., were carried out and the process is proposed to be carried along in the interest of the farming community.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	50.95
(b) 2005-06 (Actual Expenditure)	:	11.60
(c) 2006-07 (Approved Outlay)	:	22.00
(d) 2006-07 (Revised Outlay)	:	20.00
(e) Actual Physical Achievement (2002-05)	:	

i. Nmbor of officials trained under high level training component covering data base	:	Nil
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- ii. Number of officials trained under Office Automation covering windows, MS Office etc., : 142
- iii. Number of Uzhavar Udhavayagams connected to networks : 26

(f) Actual Physical Achievement (2005-06) :

- i. Number of officials trained under high level training component covering data base : Nil
- i. Number of officials trained under Office automation covering windows, MS Office etc., : Nil
- ii. Number of Uzhavar Udhavayagams connected to networks : Nil

(g) Anticipated Physical Achievement (2006-07) :

- i. Number of officials trained under high level training component covering data base : 5
- ii. Number of Uzhavar Udhavayagams connected to networks : 4

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 200.00

Proposed Outlay for the Annual Plan (2007-08) : 40.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

Number of officials to be trained in Office Automation, Web Designing and Hardware : 75

6. Programme envisaged for the Annual Plan (2007-08) :

Number of officials to be trained in Office Automation, Web Designing and Hardware : 15

7. Remarks : Continuing Scheme

Scheme No. 8

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Scheme for Monitoring and Evaluation

2. Objective of the Scheme :

The objective of Monitoring is to assess whether, the programmed tasks are carried out according to schedule, whether programme impact is in accordance with objectives / targets / execution need adjustments.

The objectives of evaluation is to measure the progress of a programme, improved monitoring, identify strength and weakness analyze cost benefits, improve effectiveness and allowing for better planning. The monitoring work will be undertaken by a cell to be created for the purpose in the Directorate of Agriculture with the existing staff of the department. This cell will also be responsible for co-coordinating the evaluation works proposed to be undertaken by this department through External Agencies/ NGOs.

		(Rs. in lakh)
3. Tenth Plan 2002-07		
(a)	2002-05 (Actual Expenditure)	10.70
(b)	2005-06 (Actual Expenditure)	3.00
(c)	2006-07 (Approved Outlay)	3.00
(d)	2006-07 (Revised Outlay)	--
(e)	Actual Physical Achievement (2002-05)	
	i. Schemes monitored annually (Nos.)	- 10
	ii. Evaluation studies undertaken (Nos.)	- 3
(f)	Actual Physical Achievement (2005-06)	
	i. Schemes proposed to be monitored annually (Nos.)	- 10
	ii. Evaluation studies proposed to be undertaken (Nos.)	- 1
(g)	Anticipated Physical Achievement (2006-07)	
	i. Schemes proposed to be monitored annually (Nos.)	- 10
	ii. Evaluation studies proposed to be undertaken (Nos.)	- 1
4.	Proposed Outlay for the Eleventh Plan (2007-12)	--
	Proposed Outlay for the Annual Plan (2007-08)	--
5.	Programme envisaged for the Eleventh Plan (2007-12)	
	This scheme will be deleted during Eleventh Plan.	
6.	Programme envisaged for the Annual Plan (2007-08)	--
7.	Remarks	: Scheme dropped

Scheme No. 9

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Pondicherry Agricultural Workers Welfare Society (Scheme for Welfare Society for Agricultural labourers)

2. Objective of the Scheme :

Agricultural labour constitutes the major chunk of workforce in the Union Territory of Puducherry, yet are deprived of various facilities available to the labourers in organized sectors and other avocations such as fishing, construction and industries. The Agricultural

Workers Welfare Society will promote the welfare and social security of the agricultural workers and their families in the Union Territory of Puducherry and to take up such programmes and schemes for the benefit as deemed necessary from time to time.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	--
(b) 2005-06 (Actual Expenditure)	:	20.00
(c) 2006-07 (Approved Outlay)	:	20.00
(d) 2006-07 (Revised Outlay)	:	11.00
(e) Actual Physical Achievement (2002-05)	:	Nil
(f) Actual Physical Achievement (2005-06)	:	

The agricultural labourer welfare society was established and the first general body meeting was conducted during August 2005.

(g) Anticipated Physical Achievement (2006-07)	:	
i. Distribution of raincoat in Nos.		1000
ii. Old age pension beneficiaries in Nos.		1000

4. Proposed Outlay for the Eleventh Plan (2007-12) : 770.00

Proposed Outlay for the Annual Plan (2007-08) : 152.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

Insurance, Educational Assistance, Marriage assistance, maternity assistance, Old age pension, Funeral Assistance, Distribution of Rain coats etc., to the Agricultural workers families according to the eligibility.

6. Programme envisaged for the Annual Plan (2007-08) :

Insurance, Educational Assistance, Marriage assistance, maternity assistance, Old age pension, Funeral Assistance, Distribution of Rain coats etc., to the Agricultural workers families according to the eligibility.

7. Remarks : Continuing Scheme

Scheme No. 10

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Soil Resources Management and Inputs Quality Control

2. Objective of the Scheme :

To monitor the soil fertility status effectively by intensive sampling and to build up a reliable database of Soil Resources for interpretation in relation with its production potential. To maintain Soil Health for sustaining the production potential and generating fertilizer

recommendations for individual crops to meet the farmers' requirement based on the Soil Database thus created. To prevent further deterioration of Soil Productivity, Fertility, and Sustainability.

Soil Health cards will be issued to owners of all farm holdings through the Uzahvar Udhaviyagam established under the scheme "Crop Production Technology". The problem soils will be identified and reclaimed on village adoption basis. The Analysis of Seed, Fertilizers, Pesticide and Compost and Bio-Fertilizers will be undertaken to enforce quality measures on all kinds of Agricultural inputs.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	66.93	
(b) 2005-06 (Actual Expenditure)	:	19.38	
(c) 2006-07 (Approved Outlay)	:	26.00	
(d) 2006-07 (Revised Outlay)	:	25.00	
(e) Actual Physical Achievement (2002-05)	:		
i.	Issue of Soil Health Card to farmers in Nos.	-	7385
ii.	Composite Soil samples analyzed (by adopting Village level approach) for estimation of major, micro nutrient and micro boil load under Soil Resources Monitoring in Nos.	-	9622
iii.	Analysis of inputs samples under Quality Control Programme in Nos.		
	a. Seeds	-	4595
	b. Fertilizer	-	1709
	c. Pesticides	-	1350
	d. Compost	-	410
(f) Actual Physical Achievement (2005-06)	:		
i.	Issue of Soil Health Card to farmers in Nos.	-	1503
ii.	Problem Soils to be reclaimed (by adopting Village level approach) in hecets.	-	-
iii.	Composite Soil samples to be analyzed (by adopting Village level approach) for estimation of major, micro nutrient and micro boil load under Soil Resources Monitoring in Nos.	-	5175
iv.	Analysis of inputs samples under Quality Control Programme in Nos.		
	a. Seeds	-	1312
	b. Fertilizer	-	601
	c. Pesticides	-	428
	d. Compost	-	115

(g) Anticipated Physical Achievement (2006-07) :		
i.	Issue of Soil Health Card to farmers in Nos.	- 4000
ii.	Problem Soils to be reclaimed (by adopting Village level approach) in hecets.	- 40
iii.	Composite Soil samples to be analyzed (by adopting Village level approach) for estimation of major, micro nutrient and micro boil load under Soil Resources Monitoring in Nos.	- 3000
iv.	Analysis of inputs samples under Quality Control Programme in Nos.	
	a. Seeds	- 1500
	b. Fertilizer	- 700
	c. Pesticides	- 500
	d. Compost	- 200
4. Proposed Outlay for the Eleventh Plan (2007-12) :		286.00
Proposed Outlay for the Annual Plan (2007-08) :		50.00
5. Programme envisaged for the Eleventh Plan (2007-12) :		
i.	Issue of Soil Health Card/Green Leaf Card to farmers in Nos.	- 15,000
ii.	Composite Soil samples to be analyzed (by adopting Village level approach) for estimation of major, micro nutrient and micro boil load under Soil Resources Monitoring in Nos.	15,000
iii.	Analysis of inputs samples under Quality Control Programme in Nos.	-
	a. Seeds	- 7,500
	b. Fertilizer	- 3,500
	c. Pesticides	- 2,500
	d. Compost	- 1,000
iv.	90% subsidy to the formation of drainage channel by the farmer affected by salinity / alkanity and the land tending to become salinity / alkaline due to lack of proper drainage facility in running maters.	25,000
v.	Distribution of micronutrient kits of 100% subsidy to the farmers in ha.	5,000
vi.	Conduct of regional level soil testing and micronutrient campaign in nos.	10
6. Programme envisaged for the Annual Plan (2007-08) :		
i.	Issue of Soil Health Card / Green leaf card to farmers in Nos.	- 3,000
ii.	Composite Soil samples to be analyzed (by adopting Village level approach) for estimation of major, micro nutrient and micro boil load under Soil Resources Monitoring in Nos.	3,000

iii.	Analysis of inputs samples under Quality Control Programme in Nos.		
	a. Seeds	-	1,500
	b. Fertilizer	-	700
	c. Pesticides	-	500
	d. Compost	-	200
iv.	90% subsidy to the formation of drainage channel by the farmer affected by salinity / alkanity and the land tending to become salinity / alkaline due to lack of proper drainage facility in running maters.		5,000
v.	Distribution of micronutrient kits of 100% subsidy to the farmers in ha.		1,000
vi.	Conduct of regional level soil testing and micronutrient campaign in nos.		2

7. Remarks : Continuing Scheme

i) New Components

- a. Green Leaf cards to farmers for ascertaining the nutrient requirement of application to crops.
- b. Establishment of Bio-control agent's production lab at Karaikal.

Scheme No. 11

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Scheme for Diversification in Agriculture through Horticultural Crops
(Development of Horticultural Crops)

2. Objective of the Scheme :

The objective of the scheme is to bring more area under horticulture by diversification of Agricultural Crops, by crop rotation, inter cropping, multi cropping, multi-tier cropping and introduction of non-traditional water consuming crops.

The Scheme also aims at increasing the production and productivity of horticultural crops and establishment of processing units which will pave way for value added products resulting in higher remunerative prices to the growers. Horticultural Crops being labour intensive generate increased employment opportunities for rural masses and enhance their income besides providing nutritional security. The ultimate aim of the scheme is to extend all help to horticultural growers in order to make Puducherry region surplus in horticultural produce. To get an alternate source of income and to meet the demand of the raw material of Drug industries farmers will be encouraged to undertake Medicinal Plants cultivation by extending all incentives, technological and marketing pack up needed to them. To achieve this goal, medicinal plant interpretation centres, and nursery programme will be undertaken in co-ordination with NGOs.

The stagnancy in the Agricultural development in Puducherry region and the need to provide more diversity in Agriculture with the aim of improving per unit productivity of land, increasing the income of the farmers and preserving the water resources have necessitated the promotion of horticultural crops. The horticultural crops

besides increasing productivity also provide balanced diet to the people which is very important in the context of the nutritive security which is equally important to food security. Considering the various advantages and benefits of the horticultural crops an ambitious plan of bringing 20% of the area cultivated area under Horticultural Crops is planned in the context of the depleting vital natural resources viz. water and soil, helping the farmers to overcome the stagnancy in agricultural growth.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	832.60
(b) 2005-06 (Actual Expenditure)	:	303.44
(c) 2006-07 (Approved Outlay)	:	300.00
(d) 2006-07 (Revised Outlay)	:	300.00
(e) Actual Physical Achievement (2002-05)	:	
i. Area brought under		
a) Vegetables & Tubers in hecets.	-	2725
b) Coconut in hecets.	-	2678
c) Fruits in hecets.	-	1141
d) Flowers in hecets.	-	452
e) Medicinal plants in hecets.	-	28
(f) Actual Physical Achievement (2005-06)	:	
i. Area to be brought under		
a) Vegetables & Tubers in hecets.	-	3121
b) Coconut in hecets.	-	2707
c) Fruits in hecets.	-	1389
d) Flowers in hecets.	-	483
e) Medicinal plants in hecets.	-	23
ii. Establishment of processing units of Horticulture products for value added products in Nos.	-	-
(g) Anticipated Physical Achievement (2006-07)	:	
i. Area to be brought under		
a) Vegetables & Tubers in hecets.	-	3100
b) Coconut in hecets.	-	2720
c) Fruits in hecets.	-	1400
d) Flowers in hecets.	-	490
e) Medicinal plants in hecets.	-	25
ii. Establishment of processing units of Horticulture products for value added products in Nos.	-	2

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	2591.00
Proposed Outlay for the Annual Plan (2007-08)	:	429.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

i.	New Area to be brought under		
	a) Vegetables & Plantain in hecets.	-	6250
	b) Coconut in hecets.	-	200
	c) Fruits in hecets.	-	250
	d) Flowers in hecets.	-	300
	e) Medicinal plants in hecets.	-	225
	f) Tubers (in hecets.)	-	330
	g) Others(cashew & betelvine) (in Hecets.)	-	250
ii.	Establishment of processing units of Horticulture products for value added products in Nos.	-	2
iii.	Protected house in nos.	-	26
iv.	Post Harvest Management in Nos.	-	10

6. Programme envisaged for the Annual Plan (2007-08) :

i.	New Area to be brought under		
	a) Vegetables & Plantain in hecets.	-	6250
	b) Coconut in hecets.	-	40
	c) Fruits in hecets.	-	50
	d) Flowers in hecets.	-	60
	e) Medicinal plants in hecets.	-	225
	f) Tubers (in hecets.)	-	330
	g) Others(cashew & betelvine)(in Hecets.)	-	50
ii.	Establishment of processing units of Horticulture products for value added products in Nos.	-	2
iii.	Protected house in nos.	-	10
iv.	Post Harvest Management in Nos.	-	2

7. Remarks : Continuing Scheme

New Components

- Providing GIS guided support to tourist visiting botanical garden
- Establishing man-plant-animal ecological exhibition at botanical garden
- Back ended cash capital investment subsidy for live/solar fencing
- Setting up of cold storage godowns for fruits and vegetables under Public Private Partnership (PPP)
- Establishment of processing units for fruits and vegetables under Public Private Partnership (PPP)
- Back ended subsidy for promoting the cultivation of cashew @ Rs.50,000/- per h.a. (Rs.20,000/- in first year and Rs.15,000/- each in second and third years)
- Back ended subsidy for promotion of Sericulture.

Scheme No. 12

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Agricultural College and Krishi Vigyan Kendras**2. Objective of the Scheme** :

The objective of the scheme is to support and stand them Agricultural Research Education and Training in the U.T. of Puducherry by providing grant-in-aid to PAJANCOA & RI, Karaikal, PKKVK, Puducherry and KVK, Karaikal.

The PAJANCOA & RI is offering B.Sc (Agri.) course within into take of 60 students per year and M.Sc (Agri.) course with in take of 30 students per year. Both the KVKs at Puducherry and Karaikal are involved in training and extension support apart from the production of foundation seed.

During the Eleventh Plan the PAJANCOA & RI is proposed to establish “a centre for cost of cultivation of Principal crops”, “Set of Market Forecast Centre” apart from starting a “State Extension and Training Institute (SETI)” to assist the Department of Agriculture in the centrally sponsored scheme ATMA programme. The other activities proposed to be taken by PAJANCOA & RI during the Eleventh Five Year Plan are establishment of Folio Diagnosis Laboratory, Training and Hybrid rice seed production, establishment of breeder seed complex-cum-seed processing unit, establishment of a consultancy centre for soil, water and plant analytical advisory, characterization of soils of Karaikal region and development of play ground for students.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	2315.87
(b) 2005-06 (Actual Expenditure)	:	857.22
(c) 2006-07 (Approved Outlay)	:	945.00
(d) 2006-07 (Revised Outlay)	:	795.00
(e) Actual Physical Achievement (2002-05)	:	
i. No. of students admitted in B. Sc (Agri) course in Nos.	-	151
ii. No. of students admitted in M. Sc (Agri) course in Nos.	-	80
iii. Farm youths training Programmes undertaken by KVK in Nos.	-	810
iv. No. of Farm Youths trained in Nos.	-	3600
(f) Actual Physical Achievement (2005-06)	:	
i. No. of students admitted in B. Sc (Agri) course in Nos.	-	49
ii. No. of students admitted in M. Sc (Agri) course in Nos.	-	29
iii. Farm youths training Programmes to be undertaken by KVK in Nos.	-	250
iv. No. of Farm Youths trained in Nos.	-	1200

(g) Anticipated Physical Achievement (2006-07) :

i.	No. of students admitted in B. Sc (Agri) course in Nos.	-	33
ii.	No. of students admitted in M. Sc (Agri) course in Nos.	-	26
iii.	Farm youths training Programmes to be undertaken by KVK in Nos.	-	250
iv.	No. of Farm Youths trained in Nos.	-	1200

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 12681.00

Proposed Outlay for the Annual Plan (2007-08) : 1367.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

i.	No. of students admitted in B. Sc (Agri) course in Nos.	-	300
ii.	No. of students admitted in M. Sc (Agri) course in Nos.	-	150
iii.	Farm youths training Programmes to be undertaken by KVK in Nos.	-	1000
iv.	No. of Farm Youths trained in Nos.	-	6000

6. Programme envisaged for the Annual Plan (2007-08) :

i.	No. of students admitted in B. Sc (Agri) course in Nos.	-	60
ii.	No. of students admitted in M. Sc (Agri) course in Nos.	-	30
iii.	Farm youths training Programmes to be undertaken by KVK in Nos.	-	250
iv.	No. of Farm Youths trained in Nos.	-	1200

7. Remarks : Continuing Scheme

Scheme No. 13

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Development of infrastructure for Agriculture Marketing

2. Objective of the Scheme :

To develop and support the various activities of Agricultural marketing in Union Territory of Puducherry. The main objective of this scheme is to ensure an effective and efficient functioning of the Regulated Market Committees. It aims at streamlining the agricultural marketing so that the producers should get very good remunerative prices and get relief from the middlemen.

This will be achieved through maintaining the existing Regulated Markets and sub-yards under the purview of the Pondicherry Agricultural Produce Market Act 1973 and by establishing new market yards as required. At present Market Committees are functioning in all the regions of this Union territory. Rural markets in Puducherry region are functioning in

Madagadipet, Kanniakoil Koonichempet and Kanakachettikulam. Grant-in-aid will be extended to the Market Committees for strengthening of the existing Regulated Market/Rural Markets and for construction of storage godowns for produce pledging. Pondicherry Market Committee, which was earlier regulating the sale and purchase of the Food and Commercial Crops, had entered the sphere Horticultural Produces by establishing the Uzhavar Sandhai in February 2000 and three more Uzhavar Sandhai were established subsequently. The existing Uzhavar Sandhai will be strengthened and more Uzhavar Sandhais will be established as per need.

For the first time, it is proposed to introduce contract farming, under which an agreement will be made between processing and/or marketing firms, market intermediaries and the farmers for the production and support of agricultural products under forward agreement, frequently at predetermined prices. The arrangement involves the purchaser in providing a degree of production support to farmers through the supply of inputs and provision of technical advise. The basis of such arrangements is a commitment on the part of farmer to provide a specific commodity in quantities and quality standards determined by the purchaser and commitment on the part of the registered market intermediaries to support the farmer's production and to purchase the commodity. Contract farming is thus a means of allocating the distribution risk between processor and grower.

		(Rs. in lakh)
3. Tenth Plan 2002-07		
(a) 2002-05 (Actual Expenditure)	:	369.77
(b) 2005-06 (Actual Expenditure)	:	247.51
(c) 2006-07 (Approved Outlay)	:	245.00
(d) 2006-07 (Revised Outlay)	:	675.00
(e) Actual Physical Achievement (2002-05)	:	

The Construction of storage godowns in Karaikal region for produces pledging.

(f) Actual Physical Achievement (2005-06)	:	
ii. Establishment of New Uzhavar Sandhai in Nos.	-	2
(g) Anticipated Physical Achievement (2006-07)	:	
i. Establishment of New rural market in Nos.	-	1
ii. Establishment of New Uzhavar Sandhai in Nos.	-	1
iii. Establishment of rural Godowns in Nos.	-	1

		(Rs. in lakh)
4. Proposed Outlay for the Eleventh Plan (2007-12)	:	2894.00
Proposed Outlay for the Annual Plan (2007-08)	:	496.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

- | | | | |
|------|--|---|---|
| i. | Establishment of New rural markets in Nos. | - | 5 |
| ii. | Establishment of New Uzhavar Sandhai in Nos. | - | 5 |
| iii. | Establishment of rural Godowns in Nos. | - | 5 |

6. Programme envisaged for the Annual Plan (2007-08) :

- | | | | |
|------|--|---|---|
| i. | Establishment of New rural market in Nos. | - | 1 |
| ii. | Establishment of New Uzhavar Sandhai in Nos. | - | 1 |
| iii. | Establishment of rural Godowns in Nos. | - | 1 |

7. Remarks : Continuing Scheme

i) New Component

- Grant-in-aid to the Market Committee for providing to free transport to farmers for increasing the arrivals.
- Grant-in-aid to the Market Committee for establishment of Private Market yards.
- Grant-in-aid to the Market Committees for construction of godowns in rural areas under Public Private Partnership (PPP).
- Grant-in-aid to the Pondicherry Market Committee to set up Agri Export Zone.
- Grant-in-aid to the Market Committees for the purchase of paddy drier, winnower / groundnut decorticator / generator.

Scheme No. 14

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Purchase and Distribution of Lands to Landless Rural Scheduled Caste People

2. Objective of the Scheme :

The object of the scheme is to distribute the agricultural lands to the landless Rural scheduled caste families to aid them to undertake cultivation of crops so as to Improve their standard of living. The land so distributed shall ordinarily be in the name of the family head or his spouse, if the head is deceased. The object is to allot lands for temporary retention for agricultural purpose and this is not to be understood as permanent alienation of Government lands.

The agricultural land shall be distributed to the head of all the eligible landless rural scheduled caste families subject to the availability of the land for acquisition for the purpose of the scheme.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a)	2002-05 (Actual Expenditure)	:	100.00
(b)	2005-06 (Actual Expenditure)	:	100.00
(c)	2006-07 (Approved Outlay)	:	25.00

(d) 2006-07 (Revised Outlay) : --

(e) Actual Physical Achievement (2002-05) :

An amount of Rs.1.00 crore was placed at the disposal of PASIC in order to purchase lands for the distribution of lands to landless rural scheduled caste people.

(f) Actual Physical Achievement (2005-06) :

An amount of Rs.1.00 crore has deposited with PASIC for implementation of the scheme and PASIC is acquiring lands from the willing parties of Puducherry and Karaikal regions.

(g) Anticipated Physical Achievement (2006-07) : Nil

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : --

Proposed Outlay for the Annual Plan (2007-08) : --

5. Programme envisaged for the Eleventh Plan (2007-12) :

This scheme will be deleted during Eleventh Plan.

6. Programme envisaged for the Annual Plan (2007-08) : --

7. Remarks : Scheme Dropped

Scheme No. 15

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Creation of Infrastructure Facilities for Tsunami affected areas

2. Objective of the Scheme :

The object of the scheme is to provide one time financial assistance to the farmers whose lands have been affected by the Tsunami; to enable them to reclaim the affected soil by the deposits of sediments on the coastal lands brought by the Tsunami and to compensate the reduction in agricultural yield during the next few years until normal production is restored.

Financial assistance to the Farmers in the Tsunami affected coastal lands in the Puducherry and Karaikal regions of the Union Territory of Puducherry will be provided to revitalize the livelihoods of tsunami affected families engaged in Agriculture. The aim of the scheme is restoration of damaged agricultural and horticultural lands and promotion of sustainable management of coastal land and water resources.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure) : --

(b) 2005-06 (Actual Expenditure)	:	550.00
(c) 2006-07 (Approved Outlay)	:	100.00
(d) 2006-07 (Revised Outlay)	:	50.00
(e) Actual Physical Achievement (2002-05)	:	

Cash compensation for crop damage @ 3,750/- ha was distributed at an area 740.95 Hectares. Funds for this programme has been diverted from the General Plan schemes.

(f) Actual Physical Achievement (2005-06)	:	
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Land reclamation and compensation for yield loss @ Rs.60,000/- ha. for 897.25 ha.

(g) Anticipated Physical Achievement (2006-07)	:	
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Land reclamation and compensation for yield loss @ Rs.60,000/- ha. for 71.08 ha.

		(Rs. in lakh)
4. Proposed Outlay for the Eleventh Plan (2007-12)	:	50.00
Proposed Outlay for the Annual Plan (2007-08)	:	10.00
5. Programme envisaged for the Eleventh Plan (2007-12)	:	
Land reclamation and compensation for yield loss		
6. Programme envisaged for the Annual Plan (2007-08)	:	
Land reclamation and compensation for yield loss		
7. Remarks	:	Continuing scheme

Scheme No. 16

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Pilot project on sustainable Agriculture through Organic Farming

2. Objective of the Scheme :

The objective of the scheme is to extend both organizational and financial assistance to the farmers who are coming forward to undertake organic farming by totally eliminating the use of inorganic fertilizer, chemical pesticides and other chemical inputs in a phased manner and also to extend special marketing support with premium price for the agricultural produce grown by adopting organic farming.

The Union Territory of Puducherry has made significant progress in increasing the productivity of the important crops through dissemination of latest technologies and timely distribution of all agricultural inputs. In this respect it is felt that an effort should also be made to conserve and improve soil fertility for which farmers are required to be encouraged to go for Organic Farming. Organic Farming in addition to helping in conserving the soil resources will also help farmers in fetching a higher revenue further produce. The scheme will involve laying of demonstration as well as taking up certification of Organic farmers.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	--
(b) 2005-06 (Actual Expenditure)	:	--
(c) 2006-07 (Approved Outlay)	:	--
(d) 2006-07 (Revised Outlay)	:	--
(e) Actual Physical Achievement (2002-05)	:	--
(f) Actual Physical Achievement (2005-06)	:	--
(g) Anticipated Physical Achievement (2006-07)	:	--

4. Proposed Outlay for the Eleventh Plan (2007-12) : 255.00

Proposed Outlay for the Annual Plan (2007-08) : 37.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

Area to be covered under organic farming - 150 Ha.

6. Programme envisaged for the Annual Plan (2007-08) :

Area to be covered under organic farming - 30 Ha.

7. Remarks : New Scheme

Scheme No. 17

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Scheme for Hi-tech horticulture through precision farming and technological intervention.

2. Objective of the Scheme :

The technical evolution in the vegetable production is accompanied by changes in seedling production (through community nursery – pro tray high yielding seedling production under insect proof condition), cultural practices (deep ploughing with chisel plough, drip irrigation, fertigation with water soluble fertilizer, plant protection), post harvest handling (grading and sorting) and marketing. Hence, the this project is proposed for making research on precision farming of vegetables as well as it will act as on farm model unit for the farming community.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	--
(b) 2005-06 (Actual Expenditure)	:	--
(c) 2006-07 (Approved Outlay)	:	--
(d) 2006-07 (Revised Outlay)	:	--
(e) Actual Physical Achievement (2002-05)	:	--
(f) Actual Physical Achievement (2005-06)	:	--
(g) Anticipated Physical Achievement (2006-07)	:	--

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	2875.00
Proposed Outlay for the Annual Plan (2007-08)	:	1580.00
5. Programme envisaged for the Eleventh Plan (2007-12)	:	
Area to be covered under Hi-tech horticulture through precision farming and technological intervention		1000 Ha.
6. Programme envisaged for the Annual Plan (2007-08)	:	
Area to be covered under Hi-tech horticulture through precision farming and technological intervention		1000 Ha.
7. Remarks	:	New Scheme

Scheme No. 18

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

- 1. Name of the Scheme** : Scheme for promoting Crop Insurance
- 2. Objective of the Scheme** :

Farmers face risks from various natural calamities while taking up cultivation of crops. At present farmers who are availing loan from the Nationalized Banks and the Cooperative Banks are covered under cropping insurance. It is proposed to extend the benefit of crop insurance to non-loanee farmers also and also provide 100% subsidy further premium paid on crop insurance both in respect of loanee and non-loanee farmers.

The objective of the scheme is to motivate and encourage the farmers to come under the fold of Crop Insurance Programme by extending financial assistance to the farmers towards payment of insurance premium to the Insurance Company and also to arrange for assessing the crop loss and recommending to the Insurance Company for granting compensation commensuration with the reduction in field.

(Rs. in lakh)

3. Tenth Plan 2002-07		
(a) 2002-05 (Actual Expenditure)	:	--
(b) 2005-06 (Actual Expenditure)	:	--
(c) 2006-07 (Approved Outlay)	:	--
(d) 2006-07 (Revised Outlay)	:	--
(e) Actual Physical Achievement (2002-05)	:	--
(f) Actual Physical Achievement (2005-06)	:	--
(g) Anticipated Physical Achievement (2006-07)	:	--

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12)	:	250.00
Proposed Outlay for the Annual Plan (2007-08)	:	40.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

No. of farmers to be covered - 35000

6. Programme envisaged for the Annual Plan (2007-08) :

No. of farmers to be covered - 25000

7. Remarks : New Scheme

Scheme No. 19

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Scheme for setting up of relief fund to provide assistance to farmers.

2. Objective of the Scheme :

In case of natural calamities such as drought and floods the department is now depend upon the revenue department for funds to provide relief measures to the affect farmers. In order to a obviate this need and to build a separate fund in the agriculture department itself to provide necessary relief and declamation measures immediately after calamity without any delay. It is proposed to set up a relief fund in order to ensure quicker and timely assistance to farmers affected by natural calamities & capacities of nature.

(Rs. in lakh)

3. Tenth Plan 2002-07

(a) 2002-05 (Actual Expenditure)	:	--
(b) 2005-06 (Actual Expenditure)	:	--
(c) 2006-07 (Approved Outlay)	:	--
(d) 2006-07 (Revised Outlay)	:	--
(e) Actual Physical Achievement (2002-05)	:	--
(f) Actual Physical Achievement (2005-06)	:	--
(g) Anticipated Physical Achievement (2006-07)	:	--

(Rs. in lakh)

4. Proposed Outlay for the Eleventh Plan (2007-12) : 750.00

Proposed Outlay for the Annual Plan (2007-08) : 150.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

All farmers affected by natural calamities to be covered

6. Programme envisaged for the Annual Plan (2007-08) :

All farmers affected by natural calamities to be covered

7. Remarks : New Scheme

Scheme No. 20

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. Name of the Scheme : Scheme for Un-employed Agriculture graduates for setting up of Agri-Business enterprises.

2. Objective of the Scheme :

With the establishment of PAJANCOA & RI, Karaikal about 60 students are graduating in agriculture every year since 1991 and it is not possible to provide Government or Private employment to allot them. Therefore, it is proposed to introduce a new scheme with the objective of providing self-employment to Agricultural Graduates. Under the scheme agricultural graduates will be encourage to set up Agri-Business enterprises by availing loan from financial institutions and providing subsidy on the investment.

		(Rs. in lakh)
3. Tenth Plan 2002-07		
(a)	2002-05 (Actual Expenditure)	--
(b)	2005-06 (Actual Expenditure)	--
(c)	2006-07 (Approved Outlay)	--
(d)	2006-07 (Revised Outlay)	--
(e)	Actual Physical Achievement (2002-05)	--
(f)	Actual Physical Achievement (2005-06)	--
(g)	Anticipated Physical Achievement (2006-07)	--

		(Rs. in lakh)
4.	Proposed Outlay for the Eleventh Plan (2007-12)	375.00
	Proposed Outlay for the Annual Plan (2007-08)	84.00

5. Programme envisaged for the Eleventh Plan (2007-12) :

No. of graduates covered - 25

6. Programme envisaged for the Annual Plan (2007-08) :

No. of graduates covered - 5

7. Remarks : New Scheme