

AGRICULTURE

In the last five decades since its independence, the Union Territory of Pondicherry has made significant strides in the field of agriculture by increasing the land productivity, achieving crop diversification, exploiting irrigation potential, building infrastructure, creating a well-knit input and marketing net work etc., but the progress has also brought in problems like dwindling land availability, depleting ground water table, fragmentation of land holdings etc.,. Due to competing demands on inelastic land resources by urbanisation, industries and other socio economic activities, there has been a constant decline in the net area cultivated. The net cultivated area which stood at 32,266 hectares in the year 1976-77 had steeply come down to 23,686 hectares in the year 2002. This area is further expected to drop to the level of 23,300 hectares by 2010. Optimistically, the Union Territory has to face the challenges of sustaining the level of production, if not increasing it appreciably, by sparing no effort but to intensify the crop production strategies for achieving a higher rate of productivity.

To offset and counter the implications of the policies on Agriculture under WTO regime, during the current plan a demand driven extension approach through Uzhavar Udhaviyagams had been introduced. These centers are offering one stop solution to the needs of the farmers. Apart from rationalizing the issue of Agriculture Inputs through these centers, propagation of cost cutting technologies and weather forecast are being done for which purpose a separate network is also being undertaken. As regards the seeds, though distribution is being carried out by the extension wing, for the purposes of certification and achievement of seed replacement, a separate agency had been created.

To increase the farm income and also to reduce the dependability on the declining ground water for farm operations, the Union Territory is promoting horticultural crops in which the cultivation of core horticultural crops like Vegetables, Fruits, Flowers and coconut etc., are encouraged. The Union Territory is having an ambitious target of increasing the area under horticultural crops to 20% from the present 9.5% resulting in diversification of cropping pattern. The establishment of cold storage units and food processing units the near future will pave way to farmers for switching over to horticulture crops. Further, as floriculture also holds a key to a sustained income and improvement of economy, promotion of export oriented flowers such as orchids had been introduced. In the said diversification, promotion of cultivation of medicinal plants is proposed to be undertaken through contract farming.

To offset the availability of labour sources and also rising cost of the available labour, the department, has embarked on an ambitious project for promotion of Agricultural Mechanisation in which the improved Implements are being distributed at a subsidized cost. Agricultural Machinery / implements such as Combine Harvesters, Winnowing, Tipper, Trailer etc. were purchased and transferred to council of Farmers Help Centres. The post harvest losses have been estimated at about 9% which is mainly due to the non-availability of improved threshing floor. To minimize the post harvest losses threshing floor are being constructed in the UT in the areas of Uzhavar Udhaviyagams / Water Users Association.

With an aim to regulate the sale and purchase of agricultural produce, regulated markets had been established in Pondicherry, Karaikal and Yanam. To cope up with the demand of more number of arrivals in Pondicherry and also to decentralize them, three sub-yards have been opened in three villages in Pondicherry and the volume of trading is always in the increasing trend. As a market intervention mechanism in the sale of horticulture produces, Uzhavar Sandhais has been established. The thrust given for construction of threshing floors to minimize the post harvest losses and creation of infrastructure to strengthen the marketing activities will continued.

OUTLAY AT A GLANCE

Sector : AGRICULTURE

No. of Schemes : 14

Department : AGRICULTURE

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	8400.00
Annual Plan 2003-04 Actual Expenditure	:	2027.05
Annual Plan 2004-05 Approved Outlay	:	2140.00
Annual Plan 2004-05 Revised Outlay	:	2418.00
Annual Plan 2005-06 Proposed Outlay	:	2769.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	2003-04	2004-05		2005-06
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)

CROP HUSBANDRY

1.	Crop production Technology	356.34	403.00	425.00	446.00
2.	Integrated programme for seed promotion and certification	66.69	63.00	74.00	109.00
3.	Promotion of Agricultural Mechanisation	240.00	239.00	195.00	217.00
4.	Infrastructure development for agriculture marketing through PASIC	50.00	70.00	70.00	70.00
5.	Group Insurance for Agricultural Labourers	50.00	--	--	--
6.	Promotion of Post Harvest Technologies	--	20.00	20.00	20.00
7.	Training and capacity building to develop human resources	0.19	1.00	1.00	2.00
8.	Introduction of e-governance	20.00	20.00	20.00	20.00

(1)	(2)	(3)	(4)	(5)	(6)
9.	Monitoring and Evaluation	2.00	4.00	3.00	3.00
10.	Welfare Board for Agricultural Labourers	--	100.00	50.00	50.00
11.	Soil Resources Management & Inputs Quality Control	20.15	23.00	23.00	25.00
	Subtotal	805.37	943.00	881.00	962.00
	HORTICULTURE				
12.	Development of Horticulture crops	332.39	313.00	322.00	388.00
	AGRICULTURE RESEARCH AND EDUCATION				
13.	Agricultural College and Krishi Vigyan Kendra	831.41	634.00	835.00	1000.00
	MARKETING AND QUALITY CONTROL				
14.	Development of infrastructure for agriculture marketing	57.88	250.00	380.00	419.00
	Total	2027.05	2140.00	2418.00	2769.00

Scheme No. 1

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Crop Production Technology2. **Objective of the Scheme** :

The object of the scheme is to assist the farming community in increasing the per hectare productivity by transformation of Scientific Technologies to the farmers fields. The dissemination of technologies will include the training on Integrated Nutrient Management, Integrated Pest Management and Integrated Water Management. To increase the subsidiary income of the farmers Agriculture allied activities like Fish culture, Cattle and Poultry rearing, Mushroom Cultivation and Beekeeping will be advocated to farmers under Broad Based Extension on the lines of the Bio-Village Programme. Keeping the above goal in mind maximum number of farmers will be trained in the Broad based Extension system in Krishi Vigyan Kendras through the Farmers Training Centre of this department.

To offset and counter the implications of the policies on Agriculture under WTO regime, a demand driven extension approach through Uzhavar Udaviyagams had been introduced in Sixteen centres. These centres will be offering one stop solution to the needs of the farmers. During 2004-05 eleven more Farmers Help Centres will be started and the programme for 2005-06 will be nine centres.

3. (a) Actual physical Achievement 2003-04 :

	<u>Name of the Crop</u>	<u>Area in hecets</u>	<u>Production in</u> <u>MT / Bales</u>
	Rice	22,542	65,185 MT
	Pulses	4,431	1,985 MT
	Groundnut	1,995	4,984 MT
	Gingelly	171	117 MT
	Sugarcane	1,600	1,36,000 MT
	Cotton	648	2,440 Bales
i.	Compost distributed in MT	-	4711
ii.	Bio-fertilisers distributed in MT	-	42
iii.	IPM demonstrations conducted on Paddy, Groundnut, Sugarcane, Cotton and other Crops in Nos.	-	12
iv.	Farmers Help Centres established	-	10

(b) Anticipated Physical Achievement 2004 - 05 :

	<u>Name of the Crop</u>	<u>Area in hecets</u>	<u>Production in</u> <u>MT / Bales</u>
	Rice	26,000	91,000 MT
	Pulses	7,000	5,600 MT

Groundnut	3,000	6,000	MT
Gingelly	500	500	MT
Sugarcane	2,000	2,00,000	MT
Cotton	500	2,500	bales
i.	Compost to be distributed in MT	-	5,000
ii.	Bio-fertilisers to be distributed in MT	-	42
iii.	IPM demonstrations to be conducted on Paddy, Groundnut, Sugarcane, Cotton and other Crops in Nos.	-	13
iv.	Establishment of Farmers Help Centres	-	11

(c) Programme envisaged for Annual Plan 2005-06 :

<u>Name of the Crop</u>	<u>Area in hecets</u>	<u>Production in</u> <u>MT / Bales</u>
Rice	25,000	88,000 MT
Pulses	7,000	6,000 MT
Groundnut	3,000	7,200 MT
Gingelly	500	500 MT
Sugarcane	2,000	2,00,000 MT
Cotton	500	2,500 bales
i.	Compost to be distributed in MT	- 6,000
ii.	Bio-fertilisers to be distributed in MT	- 45
iii.	IPM demonstrations to be conducted on Paddy, Groundnut, Sugarcane, Cotton and other Crops in Nos.	- 15
iv.	Establishment of Farmers Help Centres	- 9

4. Remarks : Continuing Scheme.

Transport subsidy to PASIC on the actual fare incurred for the compost transported and sold in Mahe and Yanam region is the new component proposed to be implemented during 2004-05.

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 increase the Seed Replacement Rate of Paddy from the current 54% to 66, to attain the targetted levels of Seed Replacement Rate of 10% in respect of groundnut and 15% in respect of pulses, to introduce Seed Certification in Vegetable

Crops in a minimum of 5 hec. to ensure the availability of the varieties developed in the private sector to seed growers.

3. (a) Actual physical Achievement 2003-04 :

Certified Seed Production and Distribution in MT		
a) Paddy	-	1137
b) Pulses	-	7
c) Groundnut	-	1

(b) Anticipated Physical Achievement 2004 - 05 :

Certified Seed Production and Distribution in MT		
a) Paddy	-	850
b) Pulses	-	18
c) Groundnut	-	40

(c) Programme envisaged for Annual Plan 2005-06 :

Certified Seed Production and Distribution in MT		
a) Paddy	-	900
b) Pulses	-	20
c) Groundnut	-	50

4. **Remarks** : Continuing Scheme.

Scheme No. 3

Sector : AGRICULTURE Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Promotion of Agricultural Mechanisation

2. **Objective of the Scheme** :

Farm Machinery and Implements are recognised as major power inputs for increasing Production and Productivity and reducing human drudgery. Farm Mechanisation 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, fertiliser and irrigation water. To achieve this goal Farm machineries and Improved Agricultural Implements will be made available to farmers at subsidised cost.

Since all the farmers cannot afford even to own these machineries and improved implements to be made available by the Agriculture Department at subsidised 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 winnowing machine and other allied improved agricultural implements to all the legally Registered Water Users Associations/ and Uzhavar Udaviyagams 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 take on hire basis. This would also ease the problem faced by farmers in non-availability of labour in time.

3. (a) Actual physical Achievement 2003-04 :

i.	Distribution of tractor to individual farmers at subsidised cost (Nos.)	-	69
ii.	Distribution of Power tillers to individual Farmers at subsidised cost (Nos.)	-	37
iii.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidised cost (Nos.)	-	26
iv.	Distribution of conventional implements like chain pully block, cultivators, discs, cage wheel etc., to individual farmers at subsidised cost (Nos.)	-	22

(b) Anticipated Physical Achievement 2004 - 05 :

i.	Distribution of tractor to individual farmers at subsidised cost (Nos.)	-	32
ii.	Distribution of Power tillers to individual Farmers at subsidised cost (Nos.)	-	30
iii.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidised cost (Nos.)	-	20
iv.	Distribution of conventional implements like chain pully block, cultivators, discs, cage wheel etc., to individual farmers at subsidised cost (Nos.)	-	20
vi.	The Machineries required for the new Uzhavar Udhaviyagams proposed to be established will be purchased.		

(c) Programme envisaged for Annual Plan 2005-06 :

i.	Distribution of tractor to individual farmers at subsidised cost (Nos.)	-	50
ii.	Distribution of Power tillers to individual Farmers at subsidised cost (Nos.)	-	50
iii.	Distribution of improved agricultural implements like Rotavators, reapers, winnowers, threshers, transplanters etc., to individual farmers at subsidised cost (Nos.)	-	20
iv.	Distribution of conventional implements like chain pully block, cultivators, discs, cage wheel etc., to individual farmers at subsidised cost (Nos.)	-	20
vi.	The Machineries required for the new Uzhavar Udhaviyagams proposed to be established will be purchased.		

4. Remarks : Continuing Scheme.

The Machineries required for the new Uzhavar Udhaviyagams proposed to be established will be purchased during 2005-06.

Scheme No. 4

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Infrastructure development for agriculture marketing 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 (Viz., for opening of Agro Depots) by extending share capital assistance.

3. (a) **Actual physical Achievement 2003-04 :**

Share capital assistance extended for construction of seed godowns in Pondicherry and Karaikal regions.

(b) **Anticipated Physical Achievement 2004 - 05 :**

Share Capital assistance will be extended for construction of Seed godown in Pondicherry and Karaikal and for expanding the Activities of the corporation in the sphere of compost making and other Agricultural activities.

(c) **Programme envisaged for Annual Plan 2005-06 :**

Share Capital assistance will be extended for construction of Seed godown in Pondicherry and Karaikal and for expanding the Activities of the corporation in the sphere of compost making and other Agricultural activities.

4. **Remarks** : Continuing Scheme.

Scheme No. 5

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Group Insurance for Agricultural Labourers

2. **Objective of the Scheme** :

To extend Insurance cover to the Agricultural Labourers of the Union Territory the "Jana Shree Bima Yojana Scheme" was operated by Agriculture Department from 2000-2001 through Life Insurance Corporation of India. Under the scheme an Insurance amount of Rs.20,000/- for natural death and an amount of Rs.50,000/- for accidental death was paid to the nominee of the deceased Agricultural Labourers. In addition the following additional benefits are also being extended.

- | | | | |
|------|---|---|-------------|
| i. | For permanent total disability | - | Rs.50,000/- |
| ii. | Loss of two eyes or two limbs or one eye and one limb | - | Rs.50,000/- |
| iii. | Loss of one eye or one limb | - | Rs.25,000/- |

The Scheme will be continued in the Tenth Five Year also to cover existing 50,000 Agricultural Labourers annually.

3. (a) Actual physical Achievement 2003-04 :

Agricultural labourers enrolled under the Group - 50000
Insurance Scheme Jana Shree Bima Yojana in Nos.

(b) Anticipated Physical Achievement 2004 - 05 :

The Scheme is proposed to be transferred to Revenue Department

(c) Programme envisaged for Annual Plan 2005-06 : --

4. Remarks : Continuing Scheme.

The Scheme is proposed to be transferred to Revenue Department during 2004-05.

Scheme No. 6

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

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

2. Objective of the Scheme :

The Union Territory is benefited by both South West monsoon and North east monsoons. Generally the period of harvest of Sornavari / Kuruvai and Samba Paddy coincides with peak period of south west and north east monsoon showers with the result the 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. The post harvest losses have been estimated at about 9% which is mainly due to non-availability of sufficient improved threshing floor and storage structure. The objective of the scheme is to minimise the post harvest losses by making available improved threshing floor to farming community through Water Users Association/Co-operatives and Uzhavar Udaviyagams.

3. (a) Actual physical Achievement 2003-04 :

Construction of Threshing floors to Water Users Association / Co-operatives / NGOs and Uzhavar Udaviyagams - 8

(b) Anticipated Physical Achievement 2004 - 05 :

Construction of Threshing floors to Water Users Association / Co-operatives / NGOs and Uzhavar Udaviyagams - 10

(c) Programme envisaged for Annual Plan 2005-06 :

Construction of Threshing floors to Water Users Association / Co-operatives / NGOs and Uzhavar Udaviyagams - 10

4. **Remarks** : Continuing Scheme.

Scheme No. 7

Sector : AGRICULTURE Implementing Department : AGRICULTURE

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

2. **Objective of the Scheme** :

The training programmes for the officials and staff of the department are proposed to be organised, 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.

3. (a) Actual physical Achievement 2003-04 :

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 Pondicherry in Nos. - 2

(b) Anticipated Physical Achievement 2004 - 05 :

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 Pondicherry in Nos. - 24

(c) Programme envisaged for Annual Plan 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 Pondicherry in Nos. - 30

4. **Remarks** : Continuing Scheme.

Scheme No. 8

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Introduction of e-governance2. **Objective of the Scheme** :

The Department of Agriculture under the scheme has programmed to maximise the usage of Information Technology in every field possible by introducing required computer systems, specialised softwares net working and Office Automation applications. All the Officials of this department are to be trained under different categories i.e Advanced training, General Training and Hardware Training with a view to utilise the computer systems and manpower resources effectively and productively. Relevant application softwares are to be developed after identifying the right field in order to reduce various forms and paper works. Information Counters with electronic touch screen computer systems are to be set up at specific Farm Clinics so as to help the farmers and general public to get required data-information about various activities of the department. Necessary data/information are to be collected under every field possible to place it on the internet. All the Agro clinics will be connected to network of Information hub operated by MSSRF to expand knowledge centres where in current data on whether, Market prices in Regulated Markets and Uzhavar Sandhai extension messages and other relevant data made available to the forming community.

Under every field possible, database is to be created and necessary application software is to be developed by approaching the Software Development Firms. All the sub-offices are to be provided with necessary equipments to communicate with Directorate via E-mail communication system. Computers installed at various locations are to be Networked.

3. (a) Actual physical Achievement 2003-04 :

- | | | | |
|-----|---|---|----|
| i. | Number of officials trained under Office Automation covering windows, MS Office etc., | - | 29 |
| ii. | Number of Uzhavar Udaviyagams Connected to Net works | - | 10 |

(b) Anticipated Physical Achievement 2004 - 05 :

- | | | | |
|------|--|---|----|
| i. | Number of officials to be trained under High Level Training component covering Date base | - | 5 |
| ii. | Number of officials to be trained under Officer Automation covering windows, MS Office etc., | - | 60 |
| iii. | Number of Uzhavar Udaviyagams to be Connected to Net works | - | 11 |

(c) Programme envisaged for Annual Plan 2005-06 :

- | | | | |
|------|--|---|----|
| i. | Number of officials to be trained under High Level Training component covering Date base | - | 5 |
| ii. | Number of officials to be trained under Officer Automation covering windows, MS Office etc., | - | 60 |
| iii. | Number of Uzhavar Udaviyagams to be Connected to Net works | - | 9 |

4. **Remarks** : Continuing Scheme.

Scheme No. 9

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Monitoring and Evaluation2. **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 analyse 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-ordinating the evaluation works proposed to be undertaken by this department through External Agencies/ NGOs.

3. (a) **Actual physical Achievement 2003-04** :

i.	Schemes monitored annually (Nos.)	-	10
ii.	Evaluation studies undertaken (Nos.)	-	1

(b) **Anticipated Physical Achievement 2004 - 05** :

i.	Schemes proposed to be monitored annually (Nos.)	-	10
ii.	Evaluation studies proposed to be undertaken (Nos.)	-	1

(c) **Programme envisaged for Annual Plan 2005-06** :

i.	Schemes proposed to be monitored annually (Nos.)	-	10
ii.	Evaluation studies proposed to be undertaken (Nos.)	-	1

4. **Remarks** : Continuing Scheme.**Scheme No. 10**

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

1. **Name of the Scheme** : Welfare Board for Agricultural Labourers2. **Objective of the Scheme** :

Agricultural labour constitutes the major chunk of workforce in the Union Territory of Pondicherry, yet are deprived of various facilities available to the labourers in organized sectors and other avocations such as fishing, construction and industries. The Welfare Board proposed to be set up will address these deficiencies and ensure protection to agricultural labourers by taking up such activities as minimum wages, pension scheme for aged and indigent farm workers, and such other measures as the Board considers necessary for the welfare and well being of agricultural labourers and their wards.

This is a pioneering scheme, which will be implemented for the first time in the Union Territory of Pondicherry.

3. (a) Actual physical Achievement 2003-04 :

The Scheme was not put into operation during this year.

(b) Anticipated Physical Achievement 2004 - 05 :

The Agricultural Labourers Welfare Board will be established during 2004-05.

(c) Programme envisaged for Annual Plan 2005-06 :

Welfare programmes needed for the Agricultural Labourers will be undertaken.

4. Remarks : Continuing Scheme.

Scheme No. 11

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 data base of Soil Resources for interpretation in relation with its production potential.

To maintain Soil Health for sustaining the production potential and generating fertiliser 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 extension centres proposed for each village under the scheme "Crop Production Technology". The problem soils will be identified and reclaimed on village adoption basis. The Analysis of Seed, Fertilisers, Pesticide and Compost and Bio-Fertilisers will be undertaken in full vigour to enforce quality measures on all kinds of Agricultural inputs. PASIC will be extended "Capital Grant" for strengthening of their compost units and Bio-fertiliser unit. Bio fertilisers, Bio pesticides and Zinc Sulphate will be added to compost to get the synergistic effect to tackle Micro Nutrient deficiencies of soil and for purchase of transport vehicles to conduct sale of Bio-fertilisers and Bio-pesticides in the villages at the door steps of farmers for effective distribution

3. (a) Actual physical Achievement 2003-04 :

- | | | | |
|-----|---|---|------|
| i. | Issue of Soil Health Card to farmers in Nos. | - | 2609 |
| ii. | Problem Soils reclaimed (by adopting Village level approach) in hect. | - | - |

iii.	Composite Soil samples analysed (by adopting Village level approach) for estimation of major, micro nutrient and microboil load under Soil Resources Monitoring in Nos.	-	3494
iv.	Analysis of inputs samples under Quality Control Programme in Nos.		
	a. Seeds	-	1449
	b. Fertiliser	-	519
	c. Pesticides	-	400
	d. Compost	-	110

(b) Anticipated Physical Achievement 2004 - 05 :

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 analysed (by adopting Village level approach) for estimation of major, micro nutrient and microboil load under Soil Resources Monitoring in Nos.	-	2000
iv.	Analysis of inputs samples under Quality Control Programme in Nos.		
	a. Seeds	-	1500
	b. Fertiliser	-	700
	c. Pesticides	-	500
	d. Compost	-	200

(c) Programme envisaged for Annual Plan 2005-06 :

i.	Issue of Soil Health Card to farmers in Nos.	-	5000
ii.	Problem Soils to be reclaimed (by adopting Village level approach) in hecets.	-	40
iii.	Composite Soil samples to be analysed (by adopting Village level approach) for estimation of major, micro nutrient and microboil load under Soil Resources Monitoring in Nos.	-	2000
iv.	Analysis of inputs samples under Quality Control Programme in Nos.		
	a. Seeds	-	1500
	b. Fertiliser	-	700
	c. Pesticides	-	500
	d. Compost	-	200

4. Remarks : Continuing Scheme.

Scheme No. 12

1. **Name of the Scheme** : Development of Horticulture Crops
2. **Objective of the Scheme** :

Besides increasing the productivity, the horticultural crops also provide balanced diet to the people which is very important in the context of the nutritive security and is equally important to food security. At present horticultural crops occupy only 9.5% of the agricultural area, out of which only 4.3% is occupied by core horticultural crops like Vegetables, Fruits and Flowers and 5.2% by coconut gardens. It has been estimated that about 20% of the food should be shared by horticultural produce to achieve food and nutrition security; hence there is a need to increase the area under horticultural crops. Considering the various advantages and benefits of the horticultural crops an ambitious plan of bringing 20% of the area cultivated area under Horticultural Crops, which is worthy and valuable in the context of the depleting vital natural resources viz. water and soil, helping the desperate farmers to overcome the stagnancy in agricultural growth.

The Scheme also aims at increasing the production and productivity and establishment of processing units which will pave way for value added products resulting in higher remunerative prices to the growers. These 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 Pondicherry region surplus in horticultural produces.

3. (a) Actual physical Achievement 2003-04 :

i.	Area brought under		
	a) Vegetables & Tubers in hect.	-	2363
	b) Coconut in hect.	-	2393
	c) Fruits in hect.	-	750
	d) Flowers in hect.	-	120
	e) Medicinal plants in hect.	-	60
ii.	Establishment of processing units of Horticulture produce for value added products in Nos.	-	-

(b) Anticipated Physical Achievement 2004 - 05 :

i.	Area to be brought under		
	a) Vegetables & Tubers in hect.	-	2900
	b) Coconut in hect.	-	2400
	c) Fruits in hect.	-	770
	d) Flowers in hect.	-	130
	e) Medicinal plants in hect.	-	70
ii.	Establishment of processing units of Horticulture	-	2

products for value added products in Nos.

(c) Programme envisaged for Annual Plan 2005-06 :

i.	Area to be brought under		
	a) Vegetables & Tubers in hecets.	-	2950
	b) Coconut in hecets.	-	2425
	c) Fruits in hecets.	-	800
	d) Flowers in hecets.	-	140
	e) Medicinal plants in hecets.	-	80
ii.	Establishment of processing units of Horticulture products for value added products in Nos.	-	3

4. Remarks : Continuing Scheme.

The new programmes for development of horticulture crops will be undertaken based on the study report of PAJANCOA during 2005-06.

Scheme No. 13

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

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

2. Objective of the Scheme :

PAJANCOA is the only institute dealing with Agricultural education and Research at Union Territory of Pondicherry. At present it is offering B.Sc (Agriculture) with 60 students per year and also four Post Graduate Programmes namely Agronomy, Soil Science and Agricultural Chemistry, Plant Breeding and Agricultural Entomology and the Post Graduate Programmes will be started in two more disciplines i.e., in Horticulture and Agricultural Economics with total student strength of 30 per year. From the inception of the College infrastructure on farm complex. Administrative building and students hostel for boys and girls separately have been built up. For the class room and lab facilities, four academic building have been approved and construction of these buildings are on the anvil. Grant-in-aid will be extended to Krishi Vigyan Kendra's for Development of infrastructure in their campuses.

3. (a) Actual physical Achievement 2003-04 :

i.	No. of students admitted in B.Sc (Agri) course in Nos.	-	46
ii.	No. of students admitted in M.Sc(Agri) course in Nos.	-	30
iii.	Farm youths training Prog. undertaken by KVK in Nos.	-	250
iv.	No. of Farm Youths trained in Nos.	-	1200

(b) Anticipated Physical Achievement 2004 - 05 :

i.	No. of students admitted in B.Sc (Agri) course in Nos.	- 56
ii.	No. of students admitted in M.Sc(Agri) course in Nos.	- 30
iii.	Farm youths training Prog. to be undertaken by KVK in Nos.	- 250
iv.	No. of Farm Youths to be trained in Nos.	-1200

(c) Programme envisaged for Annual Plan 2005-06 :

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 Prog. to be undertaken by KVK in Nos.	- 250
iv.	No. of Farm Youths to be trained in Nos.	-1200

4. Remarks : Continuing Scheme.

Scheme No. 14

Sector : AGRICULTURE

Implementing Department : AGRICULTURE

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

2. Objective of the Scheme :

The object of the scheme is to regulate the sale and purchase of the Agriculture produce by establishing Regulated Markets and sub-yards under the purview of the Pondicherry Agricultural Produce Market Act 1973 and to promote voluntary Agmark grading activities. At present Market Committees are functioning in all the regions of this Union territory. Rural markets in Pondicherry region are functioning in Madagadipet, Kanniakoil and Koonichempet and it is proposed to establish one more market. 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. During this plan period the existing Uzhavar Sandhai will be strengthened and two more Uzhavar Sandhais will be established.

3. (a) Actual physical Achievement 2003-04 :

i.	Establishment of New rural market in Nos.	- 1
ii.	Establishment of rural Godowns in Nos.	- 3

(b) Anticipated Physical Achievement 2004 - 05 :

i.	Establishment of New rural market in Nos.	- 1
ii.	Establishment of New Uzhavar Sandhai in Nos.	- 2
iii.	Establishment of rural Godowns in Nos.	- 2

(c) Programme envisaged for Annual Plan 2005-06 :

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.	-	2

4. Remarks : Continuing Scheme.