

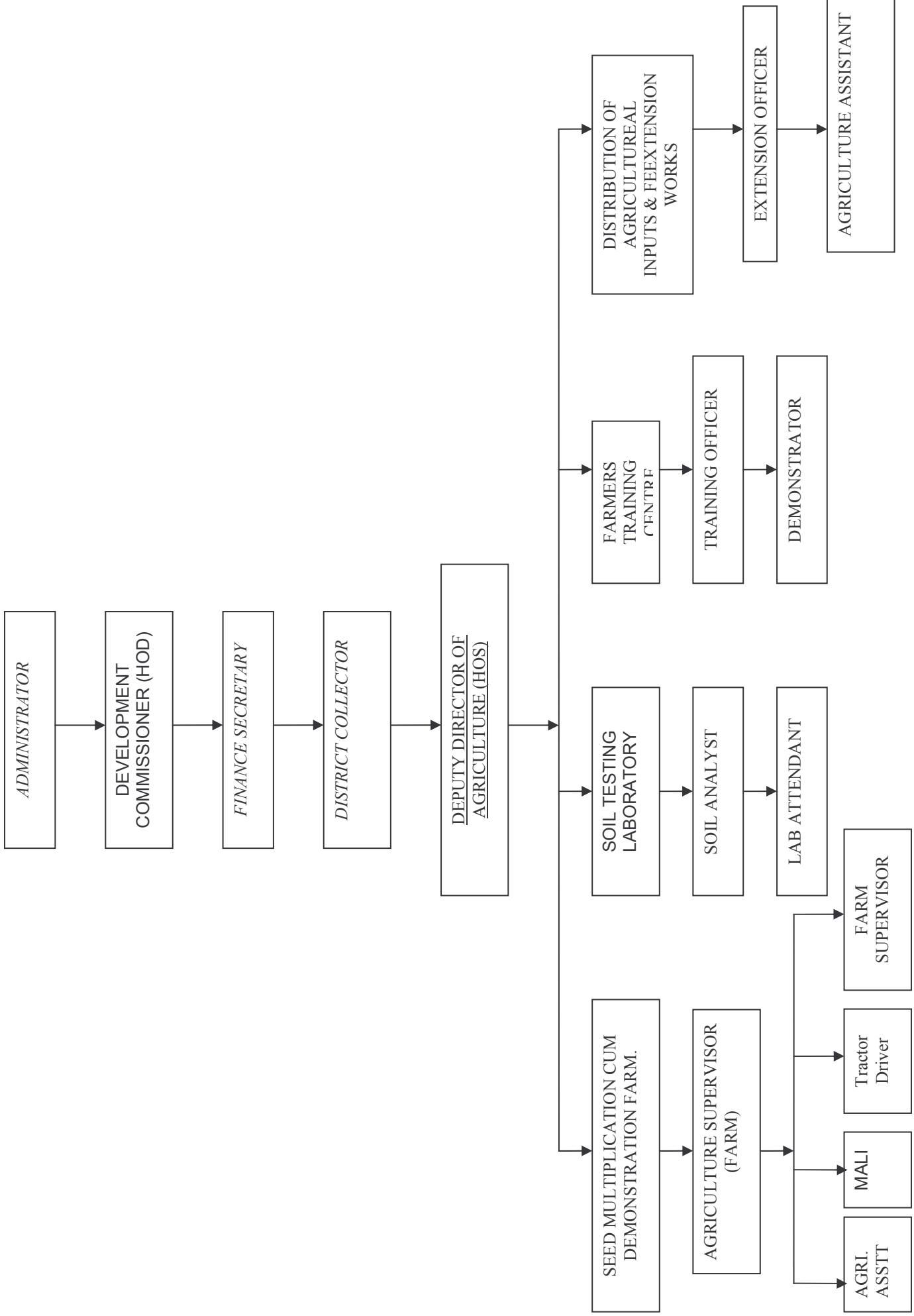
# Agriculture Department

## HOME

Agriculture is the vital sector of development and it plays crucial role in tackling the problem of unemployment and poverty in rural area. The percentage of Small & Marginal farmers is 76.37% and average size of holding is 1.77 Hects. The U.T falls under South Gujarat heavy Agro-climatic zone. Paddy is the staple crop of this region and other crops like Nagli, Tur, Udad, Jawar, Niger etc are also grown under rainfed condition Wheat, Sugarcane, Banana, Mustard, vegetables, Hot-weather Paddy etc. are grown under irrigated condition. Mango, Chikoo, Guava, Coconut etc. are also grown by the tribal farmers in small block of 0.15 to 0.20 Hects. 91.26% of farming population belongs to weaker section of which 89.36% are tribal farmers. Targeted prospective beneficiaries under Plan Schemes of Agriculture are SC/ST. Total cultivable land is 21115 Hects. and area under high yielding varieties of crops is 12000 Hects. Total food grain production during 2003-04 was 49,878 MTs against the target of 48,000 MTs.

## ORGANIZATION CHART

See on next page....



## **ACTIVITIES**

- Transfer of technology from Agriculture Research Stations to farmers through extension machinery and discussion of farmers problem with Agriculture Scientist through “Kisan Gosti” and “Kisan Call Centre”.
- Distribution of all Agriculture inputs under loan cum subsidy scheme to the SC/ST and Small and marginal farmers and recovery of loan by the Agriculture Assistants and Gram Sevaks. Identification of beneficiaries under different plan scheme and sponsoring of loan application to the various banks for grant of loan by the Agriculture Assistant.
- Training of farmers at Farmers Training Centre, Silvassa.
- Analysis of soil samples collected from the farmers field to know the fertility status and to advice farmers for judicious use of Fertilizer by issuing ‘Soil Health Cards’.
- Conducting demonstration cum trial plots for selection of suitable variety of crops at Government Agriculture Farm, Silvassa.
- Seed multiplication and fruit graft preparation at Government Farms for their distribution to SC/ST and small & marginal farmers under loan cum subsidy scheme.
- Organization of Pre-Kharif and Pre- Rabi Khedut Shibirs at various places to train farmers.
- Organization of inter-state study tour of farmers to upgrade their knowledge in the field of Agriculture.
- Organization of method demonstration in the farmers field on various crops and methods of cultivation.
- Publication of technical leaflets, pamphlet and to implement various Centrally Sponsored Schemes.

## **ON GOING SCHEMES**

### **1. Distribution of Improved Seeds:-**

The Department of Agriculture procures the certified seeds from State Seeds Corporations and N.S.C. of various crops. These seeds are distributed to SC/ST and small & marginal non SC/ST farmers through District Panchayat by the Gram Sevaks providing 50% Subsidy on the total cost of seeds and remaining 50% treated as loan is recovered with interest after the harvest of crop. The farmer has to apply well in advance to the concerned Gram Sevaks with records of right, Village Form No. 7/12 in prescribed form showing therein the Survey No., Area grown for Kharif, Rabi and Hot-weather season. The application is disposed off by the Gram Sevaks within seven days after getting sanction from Chief Executive Officer, District Panchayat, Silvassa and distribution of seeds to farmers.

### **2. Distribution of Chemical Fertilizers:-**

The Chemical Fertilizer like Urea, D.A.P., Ammonium Sulphate, Murate of Potash etc. are distributed to the SC/ST and Small and marginal non SC/ST farmers through District Panchayat by the Gram Sevaks providing 40% Subsidy on the total cost of Fertilizers and remaining 60% treated as loan is recovered with interest after the harvest of crop. The farmer has to apply well in advance to the concerned Gram Sevaks with records of right

Village Form No. 7/12 in prescribed from showing therein the Survey No., Area and crops to be grown and the quantity and type of Fertilizers required for Kharif, Rabi and Hot-weather season. The application is disposed off by the Gram Sevaks with in seven days after getting sanction from Chief Executive Officer, District Panchayat, Silvassa and distribution of Fertilizer to farmers.

### **3. Distribution of Pesticides and Plant Protection Equipments:-**

The Pesticides are distributed to the SC/ST and Small & Marginal Non SC/ST farmers by the Agriculture Assistants providing 50% Subsidy on the total cost of Pesticides within the financial limit of Rs.200/- per farmer per season. The eligible farmer has to apply in prescribed form to the concerned Agriculture Assistant when there is an attack of Pest & diseases on his crops. The Agriculture Assistant inspect the field and distribute the Pesticides and gives advise for its proper use after getting sanction from Deputy Director of Agriculture. The application is disposed off within seven days by the Agriculture Assistant. Similarly Plant Protection Equipments like Sprayers, Dusters etc. are distributed to the farmers SC/ST and Small & Marginal Non SC/ST farmers by the Agriculture Assistants providing 50% Subsidy on the cost of Plant Protection Equipments within the financial limit of Rs.750/- per farmer per season. The Plant Protection Equipments are distributed after their procurement within seven-ten days.

### **4. Distribution of Fruitgrafts:-**

The fruitgrafts of Mango, Chikoo, Guava, Lemon, Coconut etc. prepared at the Government Agriculture Farm and purchased from Government of Gujarat, Gujarat Agriculture University and Private Nurseries are distributed to the SC/ST, and Small & Marginal Non SC/ST farmers by the Agriculture Assistants providing 50% Subsidy on the total cost of Fruitgrafts within the financial limit of Rs.500/- per farmer. The eligible farmer has to apply in prescribed form to the concerned Agriculture Assistant in the month of June-July showing therein the name of Crop, quantity of fruitgrafts required, Survey No. etc. The farmer has to attaché the V.F No.7/12 or he has to produce the Khata Vahi before the Agriculture Assistant. The distribution work of fruitgrafts is started from the middle of July or first week of August depending upon prevailing monsoon season.

### **5. Distribution of Storage Bins and Improve Agriculture Implements:-**

The Storage bins of 20 Kg. storage capacity are supplied to the SC/ST and Small & Marginal Non SC/ST farmers by the Agriculture Assistants providing 50% Subsidy on the total cost of Storage bins within the financial limit of Rs.400/- per farmer for storing improved seeds of different crops. The improved Agriculture implements are also distributed to the above mentioned farmers on 50% loan and 50% subsidy basis within the financial limit of Rs.500/- per farmer. The farmer has to apply in prescribed forms to the Agriculture Assistants well in advance.

### **6. Financial Incentive for Growing Commercial Crops:-**

The financial assistance to the SC/ST and Small & Marginal Non SC/ST farmers is provided up to 2 Hects. for growing Potato, Banana, Sugarcane, Ginger, Turmeric, Onion etc. The financial assistance for Sugarcane is provided @ Rs.400/- per Hecter limited Rs.1000/-, Rs.600/- for Potato and Banana, Rs.400/- for growing Turmeric, Onion etc. The farmer has to apply for claiming incentive after growing above mentioned crops. The incentive is released after inspection of his crop by the Agriculture Assistant and Extension Officer on their recommendation by the Deputy Director of Agriculture. The sanction of incentive is done within 15 days.

**7. Incentive for Cactus Fencing:-**

The menace of stray cattle is very high in this U.T. as the cattle are let loose for grazing after the Kharif Season. Financial Assistant is provided for raising Cactus fencing @ Rs.1/- per Mtr. limited to Rs.400/- per individual farmer to all the SC/STs, Small & Marginal and Non-Tribal farmers up to 2 Hects.

**8. Soil Testing Laboratory:-**

Soil samples collected from the field of farmers are analyzed for NPK and Micro Nutrient content at free of cost in the Soil Testing Laboratory. The farmers are advised for taking suitable crop with judicious doses of Fertilizers during Kharif and Rabi seasons. The recommendations for taking crops and Fertilizers are sent well in advance to the farmers by post in the form of Soil Health Cards during Kharif and Rabi seasons. The soil samples are collected by the Agriculture Assistants on request by the farmers and analyzed within 10 days. The target fixed for STL is 1000 samples per year.

**9. Grant of Subsidy for Diesel Engine, Electric Pumpset & PVC Pipes:-**

The applications for grant of loan for purchase of Diesel Engine, Electric Pumpset, Electric Motor, PVC Pipes are received from the SC/ST and Small & Marginal Non SC/ST farmers by the Agriculture Assistants for creation of irrigation facilities for agriculture purpose. These applications are sponsored to the banks for grant of loan. Joint inspection of the sight by the bankers and representative of the Agriculture Department is carried out to ascertain economic feasibility and also to see the source of water. The banker sanctions the loan and farmer is advised to purchase the asset from the supplier. The full payment of asset is made by the banker to the supplier on physical verification of the asset by the Agriculture Department. 50% on the total cost of asset treated as Subsidy in case of SC/ST, Small & Marginal farmers is credited in his bank account and remaining 50% with interest is recovered by the bankers from the beneficiary. The ceiling limit of subsidy fixed for PVC pipes is Rs.1250/- per farmer, whereas unit cost fixed by NABARD for Pump Sets is the ceiling limit for loan. The target fixed for the year is 60-75 Nos. per year. The assets are supplied to the beneficiaries from 5-6 months from the date of receipt of application.

**10. Custom Hire Service:-**

The Tractor and Power Tiller, Wheat Thresher are provided to the farmers for ploughing at the nominal rate of Rs.200/- per hour and for cultivation @ Rs.150/- per hour and for puddling /leveling @ Rs.175/- per hour. The farmer has to apply to the Department of Agriculture with a deposit for the minimum 5 hrs. and it is adjusted on completion of work by the Agriculture Supervisor (Farm). The work is carried out within 5-6 days from the date of application depending upon the number of applications registered.

## **11. Farmers Training Centre:-**

There is a Farmers Training Centre at Silvassa to impart training to the farmers and extension workers. Free lodging and boarding facilities are provided for three days at the Farmers Training Centre for the farmers who undergo training. Inter state studies at the cost of government for a group of 54 farmers in two batches are organized by the Department per year to upgrade their knowledge in agriculture by seeing the research and development activities. The interaction with Agriculture Scientist in the study tours also helps to solve their problems. Khedut Shibirs and Kishan Melas are organized during each pre-Kharif and pre-Rabi season by inviting experts from Gujarat Agriculture University, Navasari and Krishi Vigyan Kendra, Ambheti to pass on the latest technology to the farmers. Kisan Call Centre is established at Farmers Training Centre, Silvassa to solve the farmer's problems on phone. The target fixed for training farmers per year is 600. The trainee farmers are identified by the Agriculture Assistants and Extension Officers to avoid duplication. 60 method demonstrations in the farmer's field are organized for testing of performance of the newly released varieties and also to demonstrate the modern methods of cultivation. The selection of site and farmer is done by the concerned Extension Officers.

The Physical and Financial achievement with the coverage of SC/ST beneficiaries under major schemes during 2003-2004 is shown in the Statement 'A' enclosed herewith.

As regards achievement made in Amboli Patelad is shown in the Statement 'B' enclosed herewith. The work of distribution of seeds & fertilizer for Kharif 2004 season is in progress in Amboli Patelad till date 117MTs. of DAP and Urea has been distributed to 550 ST farmers by the Gram Sevak, Amboli besides 5 MTs of improved seeds of Paddy is distributed to 180 Tribal farmers during current Kharif season. The hybrid variety of Paddy namely Sahiyadri has been introduced during current Kharif season. 1 Kg. kit of hybrid Paddy costing Rs.75/- is distributed with a subsidy of Rs.37.5 per farmer. The pesticides and Plant Protection equipments are also distributed to the Tribal farmers on 50% loan & 50% subsidy basis.

A Tribal farmer namely, Gangaram Sakiya Raut belonging to Kokana tribes is an Ex-service man staying at Surangi, the Government has given an Agriculture land of 1.58 Hects. to him. The Agriculture Department has provided a submersible pump set costing Rs.21,000/- during March 2004. The State Bank of India has granted the loan and the Department of Agriculture has reimbursed the subsidy of Rs.10,500/- in his Bank Account. It is now possible for the said beneficiary to raise Paddy seedling with the irrigation water and to undertake transplanting of paddy well in advance during Kharif 2004 season.

## **12. Macro Management of Agriculture**

The different Centrally Sponsored Schemes are merged under work plan of Macro Management of Agriculture. The schemes like supply of Power Tillers, Mini- Tractors, improved Agriculture implements and Plant Protection Equipments are provided with subsidy limited to 25% of the cost of equipment or upto a ceiling limit fixed by the Ministry of Agriculture, which ever is less. Drip Irrigation Sets are installed under Horticulture with a subsidy pattern fixed by the Ministry of Agriculture, The scheme of Floriculture is also implemented under Macro Management of Agriculture.

ACHIEVEMENTS

QUARTERLY PROGRESS REPORT ON PLAN SCHEMES FOR THE QUARTER ENDING  
30<sup>TH</sup> JUNE 2004 -DEPARTMENT OF AGRICULTURE, DNH, SILVASSA.

SR · N O.	NAME OF THE PLAN SCHEME	ANNUAL PLAN 2004-2005 TARGETS.		PROGRESS TILL QUARTER ENDING 30 <sup>TH</sup> JUNE 2004		BRIEF REASON FOR SLOW PROGRESS IF IN ACHIEVEMENTS.		REMARK
		Outlay (Rs in lakh)	Physical Targets	Expenditure (Rs.in lakhs)	Physical Achievement (Cumulative)	Financial Targets	Physical Targets	
1	Direction & Administration	26.00	---	07.39	---			
2	Distribution of improved Seeds	09.50	120-MTs	-----	067.514 - MTs			
3	Manures and Fertilizers	38.00	1300-MTs	17.69	884.550 - MTs	---	---	
4	Multiplication of seeds cum Horticulture Farms	10.00	020-MTs	01.40	011.000 - MTs	---	---	
5	Plant Protection (Subsidy for Pesticides/Insecticides & Plant Protection Equipments)	04.50	006-MTs	-----	131.900 Kgs Dust Powder & 15.450 Ltr. liquid			
6	Commercial Crops.	00..30	010-Hects	-----	---	----	----	
7	Extension & Farmers Training.	04.70	600 Nos of Farmers.	00.82	---			
8	Agricultural Engineering (Maintenance of Agriculture Equipments).	12.00	Distribution of 85 Nos.of Diesel Oil Pump Sets/ Electrical Pump Sets.	01.84	---			
9	Crop Insurance.	00.00	---	-----	The Scheme is not under implementation.	---	---	
10	Horticulture.	04.00	Distribution of 10,000 Nos.of Fruit Grafts.	-----	---	---	---	
11	Other Expenditure (STL) (Subsidy for Purchase of Work animals & Incentives to SC/ST's Farmers for Cactus Fencing).	02.00	i) 1000 Nos. of Soil samples. ii) Subsidy for Purchase of 50 No. of Bullocks. iii) Incentives to SC/ST Farmers for Cactus fencing.	00.59	i) 350 Nos. of soil Samples Analyzed. ii) ----- iii) -----	---	---	
12	Construction Programme.	01.00	---	-----	---	---	---	
	<b>TOTAL.....</b>	<b>112.00</b>		<b>29.73</b>	<b>(i.e. 26.54 % Expenditure.)</b>			



## ANNUAL REPORT

Agriculture is a vital sector of development in the territory and Agriculture development plays a crucial role in the tackling the problem of unemployment and poverty in Union Territory of Dadra and Nagar Haveli. About 91.26% of farming population belongs to weaker section of which 89.36% are Scheduled Tribes and 1.5% are Scheduled Castes. The percentage of Small and marginal farmers is 76.37% and the average size of holding in respect of total cultivable land is 1.81 Hects. The per capital land available for cultivation has declined from 0.21 Hects. to 0.17 Hects. during the last five years due to rapid industrial development and manifold increase in population. This U.T. falls under the South Gujarat Heavy Rainfall Agro-Climatic Zone. Paddy is the staple crop of this region.

Efforts are being made to replace outdated varieties of these crops by high yielding varieties. Due to commissioning of Damanganga Irrigation Project & Various Government Lift Irrigation Schemes area under Irrigation is increasing. Total irrigated area as on today 6738 Hects.(Approx.) which amounts to 30% of total cultivable land. There is a proposal to establish co-operative Sugar Mill in this U.T. in near future. As a result and diversification of Agriculture from Paddy cultivation to Sugarcane, Banana and vegetable cultivation is taking place farmers are now keenly interested to grow low cost high value crops as stated above.

### PROPOSAL OF XTH FIVE YEAR PLAN :-

The Planning Commission has allotted Rs.650.00 Lakhs for Xth Five year Plan. It is proposed to continue following ongoing schemes during Xth Five Year Plan as under.

Sr. No.	Name of Projects/Schemes	Approved Outlay during X <sup>th</sup> FYP	Approved Outlay during 2003-2004	Expdr. upto Sept 2003
<b>A. <u>ONGOING PROJECTS/ SCHEMES:</u></b>				
<b><u>101 AGRICULTURE &amp; ALLIED ACTIVITIES CROP HUSBANDRY :-</u></b>				
1	Direction & Administration	160.00	30.30	11.20
2	Incentives for Agriculture Inputs to SC/STs farmers & other Small and Marginal farmers like distribution of Seeds, Mannures and Fertilizers, Pesticides/Insecticides, Horticulture, Diesel Oil Pump Set, Electrical Pump Sets, PVC Pipes, Commercial Crops etc.	394.00	71.20	41.63



3	Seeds Multiplication cum Demonstration Farm.	55.00	12.00	03.05
4	Extension and Farmers Training	30.00	07.70	01.36
5	Soil Testing Laboratory	05.00	02.80	01.02
6	Construction Programme	----	04.00	----
<b>B. NEW SCHEMES :-</b>				
1	Rashtriya krishi Bima Yojana RKBY	05.00	01.00	----
2	Establishment of Krishi Vigyan Kendra.(KVK)	01.00	----	----
<b>Total.....</b>		<b>650.00</b>	<b>129.00</b>	<b>58.26</b>

The Food grain Production target fixed for 2003-2004 is 46830 MTs. whereas 72180 MTs. for the terminal year of X<sup>th</sup> Five Year Plan. The thrust areas of X<sup>th</sup> Five Year Plan are as under.

1. Increasing seeds replacement ratio in case of Paddy which is main crop of this region. It is proposed to increased seeds replacement ratio from 30% to 45% during X<sup>th</sup> Five Year Plan, High Yielding Verities of Paddy are to be introduced.
2. Diversification of Agriculture i.e. shifting from Paddy cultivation to Sugarcane, Banana and Vegetables cultivation in command area of Damanganga irrigation Project.
3. Promotion of Mechanise Cultivation through Macro Management Mode of Agriculture Scheme, Supply of Power Tiller, Tractor rotavaters at subsidies rates to Small & Marginal farmers.
4. Increase in food grain production by maximum utilization of Irrigation Potential created by Damanganga Irrigation project and Introducing Multiple cropping.
5. Intensification of knowledge based extension through Establishment of Krishi Vigyan Kendra in the U.T.
6. Promotion of cultivation of export oriented varieties of Mango, Sapota & Horticulture, Mushroom cultivation during Xth Five Year Plan.
7. Introduction of Rashtriya Krishi Bima Yojana during Xth Five Year Plan to provide insurance cover to farmers in Natural Calamities such as drought, flood etc. The high light of actual Physical and Financial achievements made during 2002-2003 is enclosed in the separate sheets.

### **CITEZEN CHARTER**

### **PUBLIC INTERFACE/ SERVICES**

The Gram Sabhas held in different Village Panchayats are attended by the Agriculture Assistants/ Gram Sevaks and Extension Officers. The details of various plan schemes, procedure pattern of subsidy and kind of benefit given to farmers is explained by them in the Gram Sabha. Prescribed application forms are distributed to the farmers and identification of beneficiaries is done in the Gram Sabha.

## **ACTS/ CIRCULARS/ GUIDELINES**

### **➤ Grant of Licence to Manufacture and Sell Insecticides:-**

The Collector is the Licensing Authority to grant licence to manufacture Insecticides and also sell in the U.T. as per the provisions of Insecticides Act, 1968 and Insecticides Rules, 1971. The applicant has to apply in prescribed Form No.III under Rule-9 and Form No.VI under Rule-10(1)of Insecticides Rules, 1971 with following documents to the Collector, Silvassa in the Single Window System set up at Collectorate, Silvassa. The specimen copy of Form No. III, VI are enclosed herewith.

1. Consent order of P.C.C.
2. CIB Registration
3. NOC from village Panchayat.
4. Ownership or lease agreement of premises.
5. Principle Certificate of manufacturer.

Any citizen of India can apply for grant of licence and licence is issue with in a period of one month from the date of receipts from Single Window System. The applicant has to pay the Licence fees for grant of licence prescribed by the Government of India from time to time under Insecticides Act, 1968.

### **➤ Grant of Registration/Licence for Retail/Wholesale to Sell Fertilizer:-**

The licence is granted to any citizen of India for sell of Fertilizers in the U.T. by the Agriculture Department for which he has to apply in the prescribed Form 'A' along with the source of Fertilizer Form 'O' to the Deputy Director of Agriculture under the provisions of Fertilizer (Control) Order, 1985. The specimen copies of Forms are enclosed herewith. The applicant has to pay the Registration fees prescribed by the Government from time to time along with the application.

## **CONTACT PERSONS**

Collector  
Dadra and Nagar Haveli,  
Silvassa.  
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Dadra and Nagar Haveli,  
Silvassa.  
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