

Joint Inspection Team (JIT) Report of National Horticulture Mission Scheme in Andhra Pradesh State

State: Andhra Pradesh

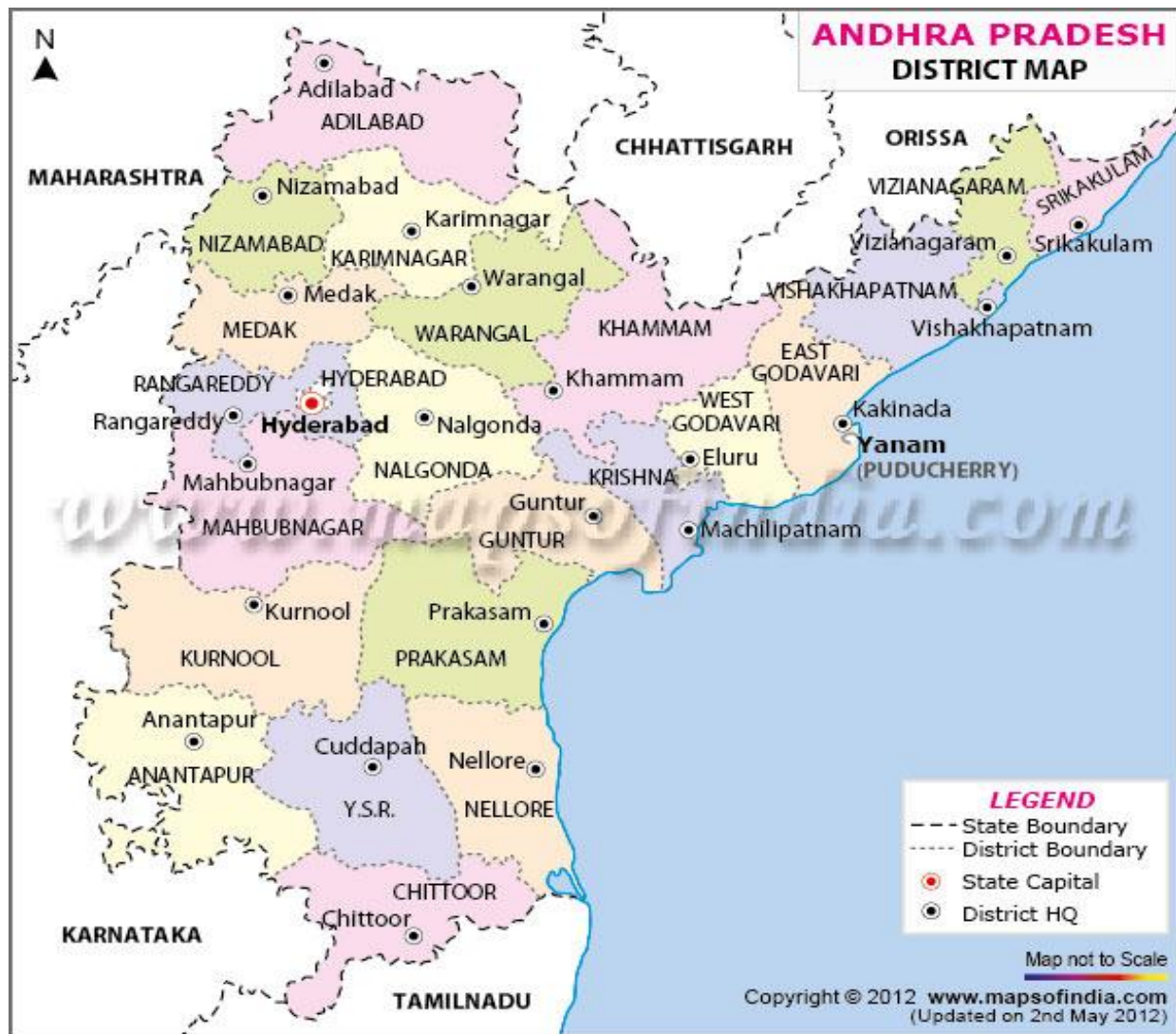


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6. Sri. Homey Cheriyan, Dir.(I/C) DASD,

Dates of Visit: 16.09.2012 to 22.09.2012

JIT Observations:

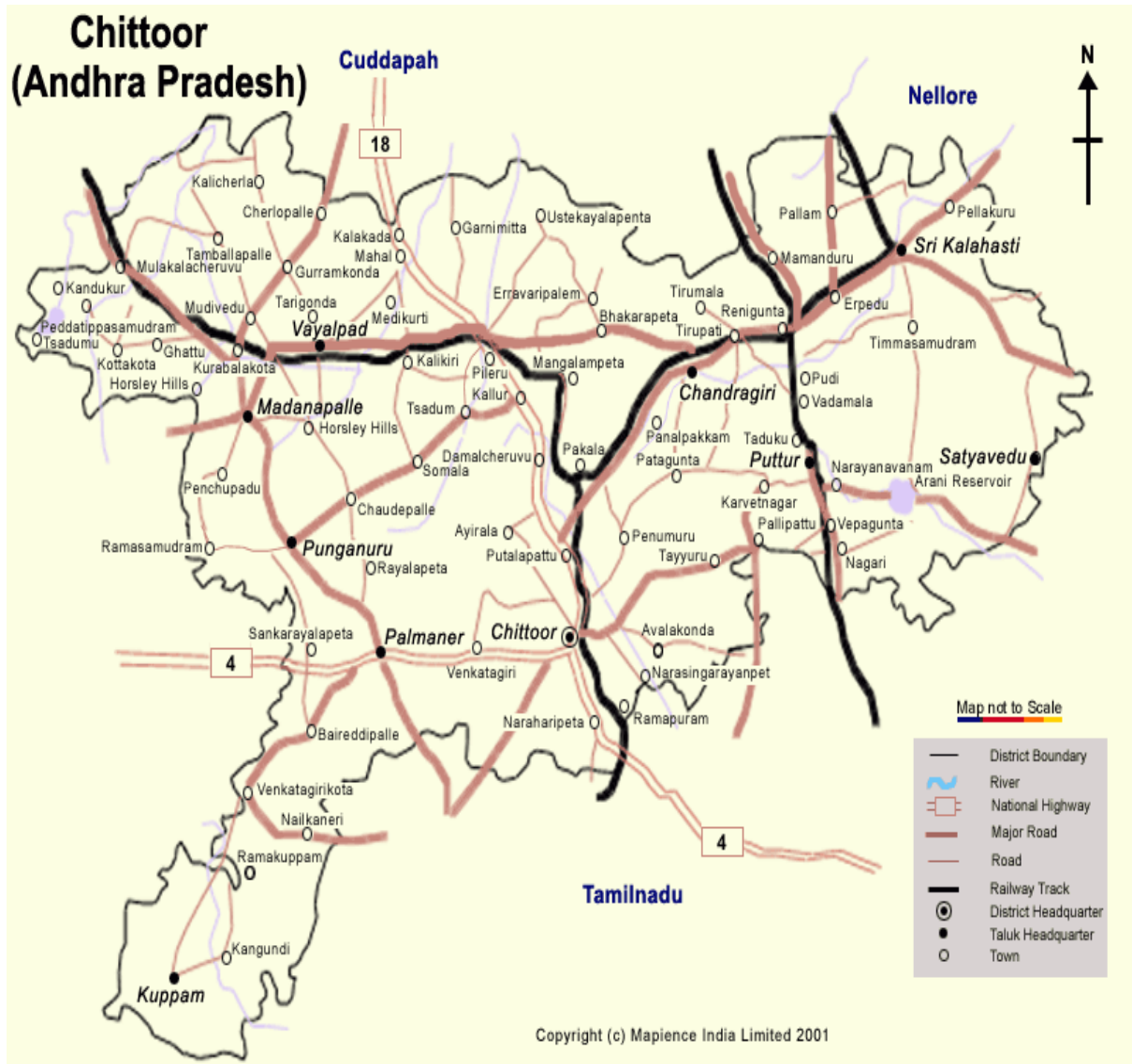
The team had visited various talukas in four districts mainly Prakasam, Nalgonda, Anntapur, Chittoor covering more than 35 beneficiaries. Also, beneficiaries were contacted through an organized interactive meet at different places. The salient findings are as under:

- Most of the technologies were found in place & satisfying beneficiaries. Micro Irrigation, Mulching, Pond/ Reservoir with plastics lining were almost life saving for Andhra Agriculture.
- Crop Management Applications whereby equipment & fertilizers/ pesticides were given to beneficiaries other than the technical guidance could help the farmers in fetching 15-20% higher yield from the old orchards.
- Intercropping is getting popular as it helps getting extra income while orchards are still growing.
- Farmers were aware of the benefits of fertigation & were adopting to maximize all possible benefits.
- M/s Ravands, Tirupati was visited which is manufacturing a range of valves from PP which are having a large number of conventional valves made from gun metal. These are used in Micro Irrigation System.
- Farmers were asking for more amount of Government assistance for Plastic crates, vermin-composting, Micro Irrigation, Ponds, Mulching.
- Market yards were also created for citrus mainly as there are a cluster of farmers with the similar crop.
- Pandals with Micro Irrigation for vegetables as bitter gourd, bottle gourd, pointed gourd were found to be a great success.

Suggestions:

- Lot of progress has been made under Area Expansion Programme since inception of the NHM. Now there is a need for more emphasis on Rejuvenation programme.
- Rejuvenation and Canopy Management need to be defined specifically for each crop especially for sweet orange.
- More emphasis is needed to be given to Post Harvest Management.
- Shade net and Drip irrigation need to be utilized in Horticulture farm, H.D.A, Chittoor.
- There is a need to change the design for pack house. Also, there is a need to enhance capacity utilisation for cold storage, pack house as well as ripening chamber. This all would lead to a better price for the produce to the beneficiaries.
- The quality of the plant material being produced in, Horticulture farm, H.D.A, Chittoor need to be improved.
- Cold storages are mostly being utilized for Chilli and Tamarind. There is a need to use these for other horticulture produce also..
- Infrastructure for grading and sorting needs for establishment of pack houses need to be developed scientifically.
- Cold storages need to be accredited.
- More emphasis has to be given to Drip irrigation, farm ponds and Vermicompost.
- The guaze of mulching material being used by the farmers need to be checked. Mulching material used for laying mulch is to be fine otherwise it will be more expensive for the farmers.

District: Chittoor



HORTICULTURE IN CHITTOOR DISTRICT

Chittoor is the southern most district of Andhra Pradesh, geographically abutted with the states of Tamilnadu & Karanataka. It is sprawling in an area of 15,152 sq.km, divided into 66 Mandals consisting of 1580 revenue villages under three revenue divisions. The district has a forest cover of about 30 per cent, while 11% of the district's land is barren and uncultivable.

This district, which is a part of the Rayalaseema region in Andhra Pradesh, lies approximately between 12⁰37' -14⁰8' North latitudes and 78⁰3' – 79⁰55' East longitudes. Chittoor is bounded by Anantapur and Kadapa districts on the north, Nellore and Chengai-Anna districts of Tamil Nadu on the east, North Arcot, Ambedkar & Dharmapuri districts of Tamil Nadu on the south and Kolar district of Karnataka state on the west.

Climate and Rainfall

The Climate of the district is dry and healthy. The upland consists of 31 mandals in the Madanapalle division. They are cooler than the eastern mandals, except Chittoor, where the climate is moderate.

Normal rainfall	934 mm
S-W monsoon	438 mm
N-E monsoon	396 mm
Winter	12 mm
Summer	88 mm

The district's annual normal rainfall is 934 mm. The district has the benefit of receiving rainfall during both southwest and northeast monsoon periods, with the normal rainfall receiving being 438.0 mm and 396.0 mm respectively. The rainfall received from

the southwest monsoon is copious, compared to the northeast monsoon in the western mandals and in the central part of the district.

The eastern part of the district receives major portion of the rainfall from northeast monsoon and western part largely influenced by southwest monsoon.

The Normal Mean Maximum temperature recorded at Arogyavaram in the district is 34.7° and Mean Minimum temperature is 15.3°

Soils

A major portion of the district is covered by red soils. Alluvial soil is found in Chittoor and Bangarupalem. Red loamy soils constitute 57% of the district, red sandy 34%, while the remaining is covered by black clay, black loamy, black sandy and red clay.

Irrigation Sources

1. Open wells & bore wells
2. No perennial rivers
3. 2 medium & 6 minor irrigation projects

Horticulture Crops

A wide range of Horticulture crops like fruits, vegetables, flower crops, medicinal & aromatic plants are being cultivated on commercial scale with the available varied, congenial climate and soil conditions. The crop wise area particulars are enclosed.

The people in the district depend primarily on farm income for their sustenance. Having been predominantly rainfed region, Chittoor has a huge potential for dry land horticultural crops. The district can be classified into two different horticultural zones namely mountainous plateau on the western part of the district and plain on the eastern part of the district. Ideally speaking Chittoor is popular for crops like mango, banana,

coconut grape, sapota, potato, beans and the like. The crops and cropping pattern in the district are highly influenced by neighbouring Karanataka and Tamil Nadu. In western Chittoor, farmers cultivate commercial vegetables like Capsicum (including the coloured one), Gherkin, and Broccoli.

**STATEMENT SHOWING THE DETAILS OF AREA, PRODUCITON, AND PRODUCTIVITY OF
HORTICULTURE CROPS IN CHITTOOR DISTRICT**

S.No	Name of the Crop	Area (Ha)	Productivity (T/Ha)	Production (M.T)
A	Fruits			
1	Mango	73655	8	589240
2	Orange & Batavia	6	13	78
3	Lemon (Lime & Other Citrus Fruits	232	14	3248
4	Guava	75	12	900
5	Banana	1850	23	42550
6	Grapes	70	20	1400
7	Papaya	560	76	42560
8	Sapota	45	10	450
	Total Fresh Fruits	76493	176	680426
B	Dry Fruits			
	Cashew	119	0.5	60
	Total Dry Fruits	119	0.5	60
C	VEGETABLES			
1	Tomato	16320	18	293760
2	Potato	1892	16	30272
3	Sweet Potato	177	20	3540
4	Onion	601	16	9616
5	Cucumber	1	15	15
6	Gourds	120	10	1200
7	Bhendi	520	1.2	624
8	Beans	2100	6	12600
9	Brinjal	1677	20	33540

10	Greens	115	7	805
11	Cabbage & Knolkhol	73	25	1825
12	Others (Veg)	685	10	6850
	Total Vegetables	24281	164.2	394647
D	PLANTATION CROPS			
1	coconut	4165		31.934
E	SPICES			
1	Chillies	3242	3	9726
2	Turmeric	68	4	272
3	Betelvine	192	32	6144
4	Coriander	101	0.7	71
5	Tamarind	2499	10	24990
	Total Spices	10267	49.7	41203
F	FLOWER CROPS			
1	Chrysanthemum	423	10	4230
2	Crossandra	385	3	1155
3	Jasmine	478	4	1912
4	Marigold	261	5	1305
5	Rose	92	10000	920000
	Total Flowers	1639	10022	928602
G	Medicinal & Aromatic Crops			
1	Amla	135	0.3	47
2	Others	50	4	200
	Total MAP	185	4.3	247
	Grand Total	112984	10417	2045185

Field Visit to District Chittoor:

List of Farmers Visited:

1. Smt. P. Saritha w/o Sudhakar Reddy, Chittercherla Village, Chinna Gottigallu Mandal. Mango – Totapuri, Rumani, 4.00 Ha.
2. Farm Ponds, Smt. P. Saritha & Smt. P. Nagarathnamma , Chittecherla Village, Chinna Gotti Gallu Mandal.
3. Sri. M. Venkataramana Reddy S/o Rami Reddy, 1.80 Ha., Papaya, Taiwan Red lady(Solo).
4. Sri. B. Sohan,S/o Devarajulu Naidu, Manchuru, Vayalpadu Mandal., 2.00 Ha., Mango UHDP, Alpans & Totapuri.
5. Farm Ponds, Manchuru, Vayalpadu, New Plantation.
6. Sri. P. Peddanna,S/o Venkatramaiah,Ramapuram, Gurramkonda., 2.00 Ha., Capsicum.
7. Sri. P. Pradeep Kumar,S/o Peddanna,Ramapuram, Gurramkonda., 2.00 Ha., Capsicum.

The details of activities visited are given as below:

Beneficiary No.1

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. P. Saritha, W/o Sudhakar Reddy, Chittercherla Village, Chinna Gottigallu Mandal.
2	Total land available with the beneficiary (ha).	4.00 Ha.
3	Crop Cluster under which covered.	Mango Rejuvenation
4	Name & variety of crop planted.	Mango – Totapuri, Rumani
5	Source of planting material.	Local Nurseries
6	Number of planting material.	790
7	Number of plants planted/ rejuvenated.	195

8	Date of plants which survived (also indicate percentage survival).	
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs. 15,000/- per Ha.
10	Amount paid and date of payment.	
11	Mode of payment.	Inputs & Implements
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore
13.	Whether Drip/ Sprinkle System in use.	
14.	Other inputs provided.	Fertilizers, Vermicompost, Micronutrients, Secateurs & Pruning Saws.
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	AMC, Pakala. AMC, Tirupati.
19.	Other infrastructure available in the vicinity.	Pack House Farm Ponds in field
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.2

Sr. No.	Details	Remarks
1	Name of the project	Farm Ponds
2	Year of Implementation	2011-12
3	Project Period	15 Years

4	Name of Implementing Agency	APSRIC
5	Location of Project	Smt. P. Saritha & Smt. P. Nagarathnamma , Chittecherla Village, Chinna Gotti Gallu Mandal.
6	Total Project Cost	4.85 lakhs.
7	Amount Released by DAC	4.34 lakhs.
8	Expenditure incurred Status	4.34 lakhs.
9	Current Status of Project	
	• Dimension (L x B x W)	35x35x4
	• Capacity	50 lakhs Liters.
	• Command Area	22.00 Acres.
	• Whether linked with new plantation or old plantation	Old Plantation
	• Whether funds disbursed	Yes

Beneficiary No.3

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. M. Venkataramana Reddy S/o Rami Reddy
2	Total land available with the beneficiary (ha).	1.80 Ha.
3	Crop Cluster under which covered.	Papaya Area Expansion
4	Name & variety of crop planted.	Papaya, Taiwan Red lady(Solo)
5	Source of planting material.	Ananthapur, Grown under Shad Net Nursery 2011-12.
6	Number of planting material.	375

7	Number of plants planted	3075 per Ha.
8	Date of plants which survived (also indicate percentage survival).	3070 (99.83%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs. 22500/-
10	Amount paid and date of payment.	11533 per Ha. 24/2/2011
11	Mode of payment.	Through Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip Installed
14.	Other inputs provided.	Fertilizers, PP Chemicals & Vermicompost
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Near by Traders from Bangalore. Chennai & Bangalore or purchasing fruits directly from the Farm.
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.4

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. B. Sohan, S/o Devarajulu Naidu, Manchuru, Vayalpadu Mandal.
2	Total land available with the beneficiary (ha).	2.00 Ha.
3	Crop Cluster under which covered.	Mango UHDP
4	Name & variety of crop planted.	Alpans & Totapuri
5	Source of planting material.	Horticulture farm in Srikalahasthi (Horticulture Development Nursery)
6	Number of planting material.	1685 per Ha.
7	Number of plants planted.	3370 (2 Ha)
8	Date of plants which survived (also indicate percentage survival).	3360 (99.70%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	48,000
10	Amount paid and date of payment.	Rs. 37070/- 22-03-2011.
11	Mode of payment.	Through Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip Installed
14.	Other inputs provided.	Fertilizers & P.P. Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	

18.	Available marketing facility for the crop.	In Chittoor 66 fruit processing units of are existing & farmers are directly supplying to the processing units.
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.5

Sr. No.	Details	Remarks
1	Name of the project	Farm Ponds
2	Year of Implementation	2010-11
3	Project Period	15 years
4	Name of Implementing Agency	APSCRIC
5	Location of Project	Manchuru, Vayalpadu.
6	Total Project Cost	Rs. 4.82 lakhs.
7	Amount Released by DAC	Rs. 4.33 lakhs.
8	Expenditure incurred Status	4.82 lakhs (Structure completed)
9	Current Status of Project	
	• Dimension (L x B x W)	35x35x4
	• Capacity	50 lakhs liters.
	• Command Area	5 Ha.

	<ul style="list-style-type: none"> Whether linked with new plantation or old plantation 	New Plantation
	<ul style="list-style-type: none"> Whether funds disbursed 	Yes (4.33 lakhs)

Beneficiary No.6

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. P. Peddanna, S/o Venkatramaiah, Ramapuram, Gurramkonda.
2	Total land available with the beneficiary (ha).	2.00 Ha.
3	Type of Protected cultivation activity (Hi-tech / Normal GH, Shade net, Plastic tunnel)	Poly House
4.	Year of establishment	2011-12
5.	Size of Structure (Sq. m)	1000 (Sq.M)
6.	Total cost	Rs. 9.70 lakhs
7.	Agency involved in fabrication and installation	Jain Irrigation System.
8.	Total subsidy paid and date of payment.	Rs. 3.675 lakhs
9.	Crop being grown	Capsicum
10.	Condition of Structure	Good
11.	Condition of Crop	Good
12.	Tie up with market	Jain Processing Unit
13.	General upkeep (Very good/ Good/ Average/ Poor)	
14	Any other relevant observation by JIT.	

Beneficiary No.7

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. P. Pradeep Kumar, S/o Peddanna, Ramapuram, Gurramkonda.
2	Total land available with the beneficiary (ha).	2.00 Ha.
3	Type of Protected cultivation activity (Hi-tech / Normal GH, Shade net, Plastic tunnel)	Poly House
4.	Year of establishment	2011-12
5.	Size of Structure (Sq. m)	1000 (Sq.M)
6.	Total cost	Rs. 9.70 lakhs
7.	Agency involved in fabrication and installation	Jain Irrigation System.
8.	Total subsidy paid and date of payment.	Rs. 3.675 lakhs
9.	Crop being grown	Capsicum
10.	Condition of Structure	Good
11.	Condition of Crop	Good
12.	Tie up with market	Jain Processing Unit
13.	General upkeep (Very good/ Good/ Average/ Poor)	
14	Any other relevant observation by JIT.	



District Nalgonda



Horticulture in District Nalgonda:

Plantation programme (Targets & Achievements) in District Nalgonda:

Year	Targets		Achievement	
	Physical (ha)	Financial (Lakh Rs.)	Physical (ha)	Financial (Lakh Rs.)
2005-06	1600.00	130.570	977.00	34.095
2006-07	2970.00	317.480	2933.00	196.762
2007-08	2800.00	315.000	3147.00	394.181
2008-09	1940.00	217.435	1940.00	212.194
2009-10	660.00	73.474	660.00	54.963
2010-11	263.80	40.069	263.80	24.715
2011-12	340.00	52.593	340.00	51.462
TOTAL	10573.8	1146.621	10260.80	968.372

3 Rejuvenation programme (Targets & Achievements) in the District:

Year	Targets		Achievements	
	Physical (ha)	Financial (Lakh Rs.)	Physical (ha)	Financial (Lakh Rs.)
2005-06	1200	124.110	42	34.095
2006-07	993	103.400	739	121.641
2007-08	900	93.690	729	67.035
2008-09	0	0.000	0	0.000
2009-10	1000	104.100	997	83.485
2010-11	2000	300.000	2000	265.207
2011-12	600	90.000	600	86.313
TOTAL	6693	815.300	5107	657.776

Area, Production & productivity of Horticultural crops in the District

Crop	2004-05			2011-12		
	Area(Ha.)	Prodn.(MT)	Pty(MT/ Ha.)	Area(Ha.)	Prodn. (MT)	Pty(MT/ Ha.)
Sweet Orange	46673	336046	12	8606 7	774603	15
Mango	17646	98818	8	1076 6	75362	10
Acid Lime	21126	152107	12	1645 9	148131	15

Field Visit to District Nalgonda:

List of Farmers Visited:

1. Smt. Balagipally Nagaratnam D/o. Venkat Ramaiah Vill : Narsimhapuram (Telakantigudem) Mdl : Kanagal, 4.55 Ha., Mango.
2. Sri. Adulla Venkat Ranga Reddy S/o. Malla Reddy Vill : Telakantigudem Mdl : Kanagal, 4.52 Ha., Mango.
3. Sri. Amireddy Saidhi Reddy S/o. Pichi Reddy Vill : Ch. Chennaram (Babasaigudem) Mdl : Kanagal, 2.10 Ha., sweet orange.
4. Sri. Appala Rajaiah S/o. Narsaiah Vill : Ch. Chennaram Mdl : Kanagal, 5.60 Ha., sweet orange.
5. Smt. Namireddy Srilatha W/o. Venkata Ramana Reddy Vill : Ch. Chennaram Mdl : Kanagal, 0.95 Ha., Papaya.
6. Smt. Vemireddy Biksham Reddy S/o. Veera Reddy Vill : Arjalabavi Mdl : Nalgonda, 7.75 Ha., Papaya.
7. Smt. Kancharla Manemma W/o. Bhaskar Reddy Vill : Ch. Chennaram Mdl : Kanagal, 2.00 Ha., Acid Lime.

The details of activities visited are as below:

Field Visits

Beneficiary No.1

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Balagipally Nagaratnam D/o. Venkat Ramaiah Vill : Narsimhapuram (Telakantigudem) Mdl : Kanagal
2	Total land available with the beneficiary (ha).	4.55 Ha.
3	Crop Cluster under which covered.	Mango
4	Name & variety of crop planted.	Beneshan
5	Source of planting material.	H.D.A, Garimellapadu Khammam District.
6	Number of planting material.	420 nos.
7	Number of plants planted	420 nos.
8	Date of plants which survived (also indicate percentage survival).	May 2012, 96.43%
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.35,093/- paid – 1 st year To be paid Rs.3,414/- - 2 nd year To be paid Rs.12,960/- - 3 rd year
10	Amount paid and date of payment.	February, 2012
11	Mode of payment.	Online Transfer, Inputs, Implements
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip

14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	No
16.	If so, area covered	-
17.	Assistance available	-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.2

S. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. Adulla Venkat Ranga Reddy S/o. Malla Reddy Vill : Telakantigudem Mdl : Kanagal
2	Total land available with the beneficiary (ha).	4.52 Ha.
3	Crop Cluster under which covered.	Mango
4	Name & variety of crop planted.	Beneshan
5	Source of planting material.	H.D.A, Garimellapadu Khammam District.
6	Number of planting material.	385 nos.
7	Number of plants planted	385 nos.

8	Date of plants which survived (also indicate percentage survival).	May 2012, 95.58%
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.32,169/- paid – 1 st year To be paid Rs.3,130/- - 2 nd year To be paid Rs.11,880/- - 3 rd year
10	Amount paid and date of payment.	February, 2012
11	Mode of payment.	Online Transfer, Inputs, Implements
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	-
17.	Assistance available	-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.3

S. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. Amireddy Saidhi Reddy S/o. Pichi Reddy Vill : Ch. Chennaram (Babasaigudem) Mdl : Kanagal
2	Total land available with the beneficiary (ha).	2.10 Ha.
3	Crop Cluster under which covered.	Sweet Orange
4	Name & variety of crop planted.	Rangapur
5	Source of planting material.	Private Nursery, Nakrekal Nalgonda District.
6	Number of planting material.	200 nos.
7	Number of plants planted	200 nos.
8	Date of plants which survived (also indicate percentage survival).	May 2012, 100%
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.12,010/- paid – 1 st year To be paid Rs.1,924/- - 2 nd year To be paid Rs.4,000/- - 3 rd year
10	Amount paid and date of payment.	February, 2012
11	Mode of payment.	Online Transfer, Inputs, Implements
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	No

16	If so, area covered	-
17.	Assistance available	-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.4

S. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri. Appala Rajaiah S/o. Narsaiah Vill : Ch. Chennaram Mdl : Kanagal
2	Total land available with the beneficiary (ha).	5.60 Ha.
3	Crop Cluster under which covered.	Sweet Orange
4	Name & variety of crop planted.	Rangapur
5	Source of planting material.	Private Nursery, Rly. Koduru Kadapa District..
6	Number of planting material.	300 nos.
7	Number of plants planted	300 nos.
8	Date of plants which survived (also indicate percentage survival).	-
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.22,203/-

10	Amount paid and date of payment.	-
11	Mode of payment.	Online Transfer, Inputs, Implements
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	-
17.	Assistance available	-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.5

S. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Namireddy Srilatha W/o. Venkata Ramana Reddy Vill : Ch. Chennaram Mdl : Kanagal
2	Total land available with the beneficiary (ha).	0.95 Ha.
3	Crop Cluster under which covered.	Papaya

4	Name & variety of crop planted.	Red Lady (Taiwan)
5	Source of planting material.	Private Company, Hyderabad
6	Number of planting material.	2500 nos.
7	Number of plants planted	2500 nos.
8	Date of plants which survived (also indicate percentage survival).	May 2012, 100%
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.16,462/- paid – 1 st year To be paid R.3,350/- - 2 nd year
10	Amount paid and date of payment.	January, 2012
11	Mode of payment.	Inputs
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	-
17.	Assistance available	-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.6

S. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Vemireddy Biksham Reddy S/o. Veera Reddy Vill : Arjalabavi Mdl : Nalgonda
2	Total land available with the beneficiary (ha).	7.75 Ha.
3	Crop Cluster under which covered.	Papaya
4	Name & variety of crop planted.	Red Lady (Taiwan)
5	Source of planting material.	Private Company, Hyderabad
6	Number of planting material.	5000 nos.
7	Number of plants planted	5000 nos.
8	Date of plants which survived (also indicate percentage survival).	May 2012, 100%
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.32,923/- paid – 1 st year To be paid R.6,700/- - 2 nd year
10	Amount paid and date of payment.	January, 2012
11	Mode of payment.	Inputs
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	No

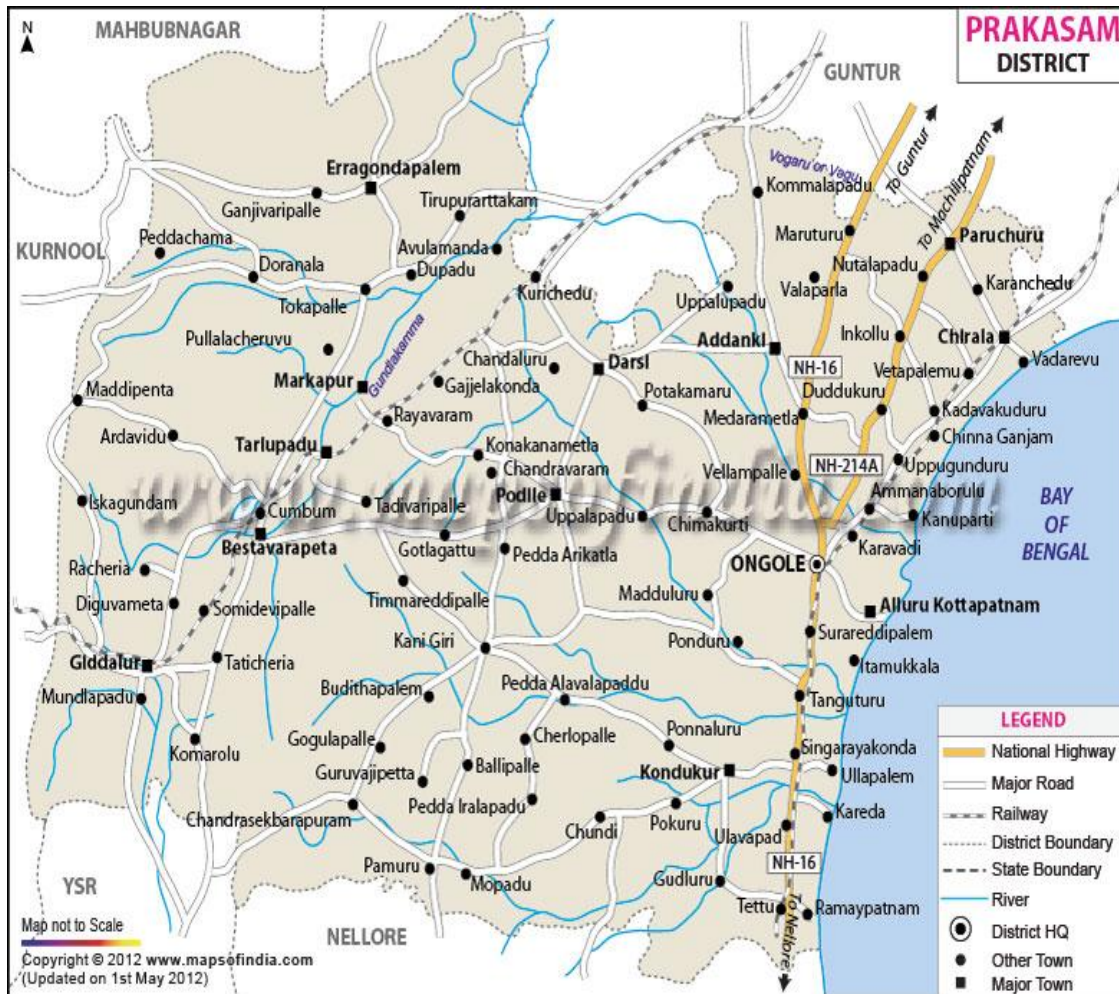
16.	If so, area covered	-
17.	Assistance available	-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.7

S. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Kancharla Manemma W/o. Bhaskar Reddy Vill : Ch. Chennaram Mdl : Kanagal
2	Total land available with the beneficiary (ha).	2.00 Ha.
3	Crop Cluster under which covered.	Acid Lime
4	Name & variety of crop planted.	Balaji
5	Source of planting material.	Private Nursery, Rly. Koduru Kadapa District
6	Number of planting material.	475 nos.
7	Number of plants planted	475 nos.
8	Date of plants which survived (also indicate percentage survival).	-
9	Total amount of subsidy assistance due to the Beneficiary as (Rs.)	Rs.36,130/-

10	Amount paid and date of payment.	-
11	Mode of payment.	Online Transfer, Inputs and Implements
12	Source of Irrigation Water (Bore well/ Tube well/ Canal)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	-
15.	Whether assistance available for Organic Farming	YES
16	If so, area covered	1 Unit
17.	Assistance available	Rs.15,000/-
18.	Available marketing facility for the crop.	Fruit Market, Hyderabad
19.	Other infrastructure available in the vicinity.	-
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

District: Parkasam



HORTICULTURE IN DISTRICT PRAKASAM

The major Horticulture Crops under cultivation in Prakasam District are Mango, Sweet Orange, Sapota, Acid Lime, Cashew Nut, Papaya, T.C Banana, Chillies, Flowers and Vegetables.

AREA AND PRODUCTION OF HORTICULTURE CROPS - 2012 IN THE DISTRICT

SI. No.	NAME OF THE CROP	AREA (Ha.)	PRODUCTIVITY (MT/ Ha.)	EXPECTED PRODUCTION (MT)
1	Mango	6966.00	10.00	69660
2	Sweet Orange	16553.00	15.00	248295
3	Acid Lime	1826.00	15.00	27390
4	Banana	430.00	35.00	15050
5	Guava	180.00	12.00	2160
6	Sapota	2594.00	12.00	31128
7	Papaya	1513.00	75.00	113475
8	Cashew Nut	1078.00	0.60	646
9	Vegetables	4044.00	10.00	40440
10	Chillies	8386.00	2.50	20965
	Total:	43570.00	187.1.0	569209

PROGRAMMES TO BE IMPLEMENTED DURING 2012-13:

State Horticulture Mission :

1. 75% subsidy on establishment of New Gardens for Perennial Horticulture crops like Sweet Orange, Mango, Acid Lime and 50% subsidy for Non Perennial crops like T.C.Banana and Papaya under Area Expansion Programme (Fresh Plantations).
2. Providing 75% assistance to 2nd & 3rd Year Plantations.
3. 50% Subsidy on Rejuvenation of old and senile orchards for Sweet Orange, Mango, and Canopy Management in Mango & Citrus.
4. Providing 50% subsidy on construction of Vermi Compost Units.
5. Establishment and Creation of Water Resources for construction of farm ponds on 90% subsidy for Other farmers and 100% subsidy to SC,ST Farmers.
6. Encouraging construction of Cold Storage Units, Ripening Chambers, Pack Houses, Vending Vans, and Fruit Blending in preparation of Ice Cream etc., under Post Harvest Management by providing 40% Subsidy.
7. Encouraging construction of Green Houses, Shade Net houses and Mulching on 50% subsidy under protected cultivation Scheme.
8. Supply of Horticulture implements on 50% subsidy under Farm Mechanization.
9. Conducting one day trainings and exposure visits to farmers under HRD programme.
10. Organizing Farmers Trainings and Field visits for the benefit of Farmers of Nellore, Prakasam, and Guntur Districts in Regional Horticulture Training Institute at Ongole.
11. Production and Supply of quality plant material ie Sweet orange and Mango in Horticulture Farms at Darsi & Kothapatnam.

Rashtriya Krishi Vikas Yojana:

1. Supply of all kinds of Hybrid Vegetable Seed on 50% Subsidy.
2. Providing 50% subsidy for erection of permanent and semi permanent pendals.
3. Providing 50% subsidy for plastic crates & Poly Sheets.
4. Providing 90% subsidy for supply of Vegetable Minikits.
5. Providing 50% subsidy for supply of Farm Fresh vegetables on wheels.

Year wise implementation of NHM programme in Prakasam District

Year	Targets		Achievements	
	Physical (Ha)	Financial (Rs. in Lakh)	Physical (Ha)	Financial (Irs. inLakh)
2005-06	8147	457.54	8423	416.74
2006-07	45167	975.42	19799	602.68
2007-08	25175	832.85	35861.48	710.43
2008-09	19027.64	1530.31	12481.41	664.05
2009-10	9407.53	479.04	8334.82	396.01
2010-11	7721.00	645.31	7077.61	464.99
2011-12	7984.19	688.11	7414.14	405.85
Total:-	122629.36	5608.58	99391.46	3660.75

Plantation programme taken up in Prakasam District.

Year	Target		Achievement	
	Physical (Ha)	Financial (Rs. in Lakh)	Physical (Ha)	Financial (Rs. in Lakh)
2005-06	3807.22	227.29	3756.76	259.03
2006-07	4450.00	337.28	3807.00	320.49
2007-08	5616.00	400.07	4903.50	357.79
2008-09	6575.72	532.90	5937.34	468.02
2009-10	5141.12	324.10	4233.26	265.01
2010-11	3330.96	281.45	2896.53	224.43
2011-12	2478.99	263.64	1830.06	195.49

Rejuvenation programme taken up in Prakasam District

Year	Target		Achievement	
	Physical (Ha)	Financial (Rs. in Lakh)	Physical (Ha)	Financial (Rs. in Lakh)
2005-06	2050.00	179.37	1900.00	120.778
2006-07	3450.00	342.41	2180.00	209.590
2007-08	1700.00	182.54	1677.48	163.692

2008-09	2100.00	186.96	1198.94	111.94
2009-10	850.00	90.07	865.05	85.52
2010-11	950.00	140.10	954.42	136.64
2011-12	1200.00	108.00	1204.11	105.03

Area, Production & productivity of Horticultural crops in Prakasam District
(Area in 000 ha, production in 000 MT, Productivity in MT/ha).

Crop	2004-05			2011-12		
	Area	Prodn.	Pvty	Area	Prodn.	Pvty
Mango	5641	39487	7	6966	69660	10
Banana	89	2225	25	430	15050	35

Field Visit to District Prakasam:

List of Ben eficiaries visited:

1. Sri.Bathula Kesavula Reddy S/o Ramaiah Markapur (V)& (M), 2.00 Ha, Sweet Orange (2006-07).
2. Creation of Water Resources –Farm pond, Sri.Bathula Mallikarjuna Reddy S/o Kesavula Reddy, Markapur(V)&(M), Prakasam District.-Andhra Pradesh., Andhra Pradesh State Co-operative Rural Irrigation Corporation Ltd.(APSCRIC).
3. Sri.Bathula Kesavula Reddy S/o Ramaiah Markapur (V)&(M) Prakasam District-Andhrapradesh., Organic Farming-Construction of Vermi Compost Unit, Sweet Orange.

4. Sri.Kolli Chinna Chenchi Reddy S/o Subba Reddy Markapur (V) & (M), 1.00 Ha., Sweet orange(2006-2007).
5. Creation of Water Resources –Farm pond, Sri.Kolli Chinna Chenchi Reddy S/o Subba Reddy, Markapur (V)& (M), Prakasam District.-Andhra Pradesh, Andhra Pradesh State Co-operative Rural Irrigation Corporation Ltd.(APSCRIC).
6. M/s SBS FRUITS RIPENING & COLD CHAMBER, SRI.S MAHABOOB BASHA S/o HABIBULLASHA and SRI.K.MASOOD ALI S/o K.MAHABOOB ALI., #10/1050C,NAGULAVARAM ROAD, NEAR MEENA MASEED,MARKAPUR, PRAKASAM DISTRICT - ANDHRA PRADESH., Banana.
7. Smt. Venna Venkata Lakshamma W/o Sathyanarayanareddy Chinthagumtla (V) Markapur (M), 0.80 Ha, Sweet Orange (2008-09).
8. Gosipatula Israyelu S/o Galaiah Pedaobineni Palli (V), Bestavaripet (M), 0.69 Ha, Sweet Orange(2007-08).
9. Gosipathala Samyelu S/o Yakobu Pedaobineni Palli (V), Bestavaripet (M), 0.31 Ha, Sweet Orange(2008-09).
10. Gosipathala Prabhakar S/o Nagaiah Pedaobineni Palli (V), Bestavaripet (M), 0.36 Ha, Sweet Orange (2007-2008).
11. Lakkakula Sreenivasulu S/o China Chennaiah, Ondutla (V), Bestavaripet (M), 1.40 Ha, Sweet Orange(2005-06).
12. Lakkakula Ramanaiah S/o China Chennaiah, Ondutla (V), Bestavaripet (M), 3.00 Ha, Sweet orange(2005-2006).
13. Lakkakula Ramanaiah, Organic Farming – Construction of Vermi Compost Unit, Sweet Orange.
14. Thota Lakshmi Narasimha Rao S/o Adi Narayana Ondutla (V), Bestavaripet (M)., 2.00Ha., Sweet orange(2010-11).
15. Thota Lakshmi Narasimha Rao Organic Farming – Construction of Vermi Compost Unit, Sweet Orange.

16. Vanipenta Krishna S/o Kasaiah, Ondutla (V), Bestavaripet (M), 1.20 Ha., Sweet Orange(2009-10).
17. M/S .SRI SAI LAKSHMI COLD STORAGE, SY.NO:-337/1,KESINENIPALLI (V) TRIPURANTHAKAM(M) PRAKASAM DISTRICT - ANDHRA PRADESH, CHILLIE -135MT'S TURMARIC- 675MT'S TAMARIND - 9MT'S.
18. Sri.Patibandla Yellamandaiah S/o Guravaiah Kesinenipalli(V) Tripuranthakam (M), 2.56 Ha, Sweet Orange (2009-10).
19. Sri.Venkata Narayana S/o Pedda Subbaiah Boyalapalli (V) Y.Palem (M) Prakasam District- Andhrapradesh., Boyalapalli (V) Yerragondapalem (M), Coccinia.
20. Sri.Paladugu Venkateswarlu W/o Kotaiah Boyalapalli (V) YerragondaPalem(M), 1.00 Ha, Sweet Orange (2011-12).
21. Creation of Water Resources –Farm pond, Smt.Kondru Malleswari W/o Venkata Subbaiah, Pedda Boyalapalli (V),Y.Palem (M), Prakasam District.-Andhra Pradesh.
22. Smt. Venna Yallamma W/o Mohan Reddy Veerabadhrapuram (V) YerragondaPalem (M), 0.68 Ha, T.C Banana - Grand -9 (2011-12).
23. Smt. Tirumalareddy Adilakshmi w/o Srinivasa Reddy Ganjivaripalli (V) YerragondaPalem (M), 0.778 Ha, T.C Banana - Grand -9 (2011-12).

The details of activities visited are as below:

Field Visit

Beneficiary No.1

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri.Bathula Kesavula Reddy S/o Ramaiah Markapur (V)& (M)
2	Total land available with the beneficiary (ha).	2.00 Ha

3	Crop Cluster under which covered.	2.00 Ha
4	Name & variety of crop planted.	Sweet Orange (2006-07)
5	Source of planting material.	Approved Private Nurseries Railway Kodur
6	Number of planting material.	500 Plants
7	Number of plants planted	500 Plants
8	Date of plants which survived (also indicate percentage survival).	490 Plants (98%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	45000.00 (For 3Years)
10	Amount paid and date of payment.	1 st Year 8450.00 2 nd Year 1890.00 3 rd Year 13500.00
11	Mode of payment.	DD's And Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic –In organic Fertilizers and PP Chemicals
15.	Whether assistance available for Organic Farming	Yes Vermi compost Unit
16	If so, area covered	2.00
17.	Assistance available	15000.00
18.	Available marketing facility for the crop.	Local Market and Hyderabad

19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.2

Sr. No.	Details	Remarks
1	Name of the project	Creation of Water Resources –Farm pond
2	Year of Implementation	2009-10
3	Project Period	1Year
4	Name of Implementing Agency	Andhra Pradesh State Co-operative Rural Irrigation Corporation Ltd.(APSCRIC).
5	Location of Project	Sri.Bathula Mallikarjuna Reddy S/o Kesavula Reddy, Markapur(V)&(M), Prakasam District.-Andhra Pradesh.
6	Total Project Cost	435090.00
7	Amount Released by DAC	391581.00 (90% Subsidy)
8	Expenditure incurred Status	393733.00

9	Current Status of Project	
	<ul style="list-style-type: none"> Dimension (L x W x D) 	35X35X4 Mts.
	<ul style="list-style-type: none"> Capacity 	50Lakh Litres
	<ul style="list-style-type: none"> Command Area 	16Acres
	<ul style="list-style-type: none"> Whether linked with new plantation or old plantation 	SHM-New Plantations-4.40 Hectors
	<ul style="list-style-type: none"> Whether funds disbursed 	Yes

Beneficiary No.3

Sr. No.	Details	Remarks
1	Name of the Farmer	Sri.Bathula Kesavula Reddy S/o Ramaiah Markapur (V)&(M) Prakasam District- Andhrapradesh.
2	Name of the project	Organic Farming-Construction of Vermi Compost Unit
3	Year of Implementation	2007-08
4	Project Period	1 Year
5	Name of Implementing Agency	Own

6	Location of Project/Unit	Markapur (V)&(M)
7	Total Project Cost	30000.00
8	Amount Released by DAC	15000.00
9	Expenditure incurred Status	30000.00
10	Status	
	<ul style="list-style-type: none"> Crops covered 	Sweet Orange
	<ul style="list-style-type: none"> No of farmers involved 	One
	<ul style="list-style-type: none"> Name & address of certifying agency 	
	<ul style="list-style-type: none"> Whether any certificate issued 	

Beneficiary No.4

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri.Kolli Chinna Chenchi Reddy S/o Subba Reddy Markapur (V) & (M)
2	Total land available with the beneficiary (ha).	1.00 Ha

3	Crop Cluster under which covered.	1.00 Ha
4	Name & variety of crop planted.	Sweet Orange (2006-07)
5	Source of planting material.	Approved Private Nurseries Railway Kodur
6	Number of planting material.	250 Plants
7	Number of plants planted	250 Plants
8	Date of plants which survived (also indicate percentage survival).	235 Plants (94%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	22500.00 (For 3Years)
10	Amount paid and date of payment.	1 st Year 3275.00 2 nd Year 975.00 3 rd Year 6750.00
11	Mode of payment.	DD's And Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic –In organic Fertilizers and PP Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Local Market and Hyderabad

19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.5

Sr. No.	Details	Remarks
1	Name of the project	Creation of Water Resources –Farm pond
2	Year of Implementation	2009-10
3	Project Period	1Year
4	Name of Implementing Agency	Andhra Pradesh State Co-operative Rural Irrigation Corporation Ltd.(APSCRIC).
5	Location of Project	Sri.Kolli Chinna Chenchi Reddy S/oSubba Reddy, Markapur (V)& (M), Prakasam District.-Andhra Pradesh.
6	Total Project Cost	153800.00
7	Amount Released by DAC	138420.00 (90% Subsidy)
8	Expenditure incurred Status	98361.00
9	Current Status of Project	

	• Dimension (L x W x D)	14X14X4 Mts.
	• Capacity	10Lakh Litres
	• Command Area	10Acres
	• Whether linked with new plantation or old plantation	SHM-New Plantations-4.00 Hectors
	• Whether funds disbursed	Yes

Beneficiary No.6

Sr. No.	Details	Remarks
1	Name of the project	M/s SBS FRUITS RIPENING & COLD CHAMBER
2	Year of Implementation	2009-10.
3	Project Period	2Year's
4	Name of Beneficiary	SRI.S MAHABOOB BASHA S/o HABIBULLASHA and SRI.K.MASOOD ALI S/o K.MAHABOOB ALI.
5	Location of Project	#10/1050C,NAGULAVARAM ROAD, NEAR MEENA MASEED,MARKAPUR, PRAKASAM DISTRICT - ANDHRA PRADESH.

6	Total Project Cost	26.09 Lakh's
7	Amount Released & date	10.43 Lakh's Dated :-31.03.2011.
8	Expenditure incurred	26.09 Lakh's
9	Status	
	Capacity of unit	30 T/Chamber(2Chamber's=60 Tans)
	Commodity	Banana.
	Equipments purchased	FRIGOSCAN PVT,LTD,CHENNAI
	Condition of infrastructure	GOOD
	Whether NHM logo displayed	YES
	Whether funds disbursed to agency	YES

Beneficiary No.7

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Venna Venkata Lakshmamma W/o Sathyanarayanareddy Chinthagumtla (V) Markapur (M)
2	Total land available with the beneficiary (ha).	0.80 Ha
3	Crop Cluster under which covered.	0.80 Ha

4	Name & variety of crop planted.	Sweet Orange (2008-09)
5	Source of planting material.	Approved Private Nurseries Railway Kodur
6	Number of planting material.	200 Plants
7	Number of plants planted	200 Plants
8	Date of plants which survived (also indicate percentage survival).	180 Plants (90%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	18000.00 (For 3Years)
10	Amount paid and date of payment.	1 st Year 2620.00 2 nd Year 780.00 3 rd Year 5400.00
11	Mode of payment.	Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	
14.	Other inputs provided.	Organic –In organic Fertilizers and PP Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Local Market and Hyderabad
19.	Other infrastructure available in the vicinity.	

20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.8

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Gosipatula Israyelu S/o Galaiah Pedaobineni Palli (V), Bestavaripet (M)
2	Total land available with the beneficiary (ha).	0.69 Ha.
3	Crop Cluster under which covered.	0.69 Ha.
4	Name & variety of crop planted.	Sweet Orange(2007-08)
5	Source of planting material.	Approved Private Nurseries, Railway Kodur.
6	Number of planting material.	172
7	Number of plants planted.	172
8	Date of plants which survived (also indicate percentage survival).	166 (96%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.15,525/-
10	Amount paid and date of payment.	1 st year 2007-08 – Rs.2,915.00 2 nd year 2008-09 – Rs. 646.00 3 rd year 2009-10 – Rs.4,657.00
11	Mode of payment.	Online Transfer
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip

14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals, Bio products
15.	Whether assistance available for Organic Farming	
16.	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.9

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Gosipathala Samyelu S/o Yakobu Pedaobineni Palli (V), Bestavaripet (M)
2	Total land available with the beneficiary (ha).	0.31 Ha.
3	Crop Cluster under which covered.	0.31 Ha.
4	Name & variety of crop planted.	Sweet Orange(2008-09)
5	Source of planting material.	Approved Private Nurseries, Railway Kodur
6	Number of planting material.	78

7	Number of plants planted.	72
8	Date of plants which survived (also indicate percentage survival).	72 (92%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.6,975/-
10	Amount paid and date of payment.	1 st year 2008-09 – Rs.2,488.00 2 nd year 2009-10 – Rs. 180.00 3 rd year 2010-11 – Rs.2,106.00
11	Mode of payment.	Online Transfer
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals, Bio products
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.10

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Gosipathala Prabhakar S/o Nagaiah Pedaobineni Palli (V), Bestavaripet (M)
2	Total land available with the beneficiary (ha).	0.36 Ha.
3	Crop Cluster under which covered.	0.36 Ha.
4	Name & variety of crop planted.	Sweet Orange(2007-08)
5	Source of planting material.	Approved Private Nurseries, Railway Kodur.
6	Number of planting material.	90
7	Number of plants planted.	90
8	Date of plants which survived (also indicate percentage survival).	85 (94%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.8,100/-
10	Amount paid and date of payment.	1 st year 2007-08 – Rs.1,521.00 2 nd year 2008-09 – Rs. 195.00 3 rd year 2009-10 – Rs.2,430.00
11	Mode of payment.	Online Transfer
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals, Bio products

15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.11

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Lakkakula Sreenivasulu S/o China Chennaiah, Ondutla (V), Bestavaripet (M)
2	Total land available with the beneficiary (ha).	1.40 Ha.
3	Crop Cluster under which covered.	1.00 Ha.
4	Name & variety of crop planted.	Sweet Orange(2005-06)
5	Source of planting material.	Approved Private Nurseries, Railway Kodur
6	Number of planting material.	250
7	Number of plants planted	250

8	Date of plants which survived (also indicate percentage survival).	220 (95%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.22,500/-
10	Amount paid and date of payment.	1 st year 2005-06 – Rs.4,225.00 2 nd year 2006-07 – Rs. 937.50 3 rd year 2007-08 – Rs.1,575.00
11	Mode of payment.	Demand Draft issued
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Local & Hyderabad Market.
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.12

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Lakkakula Ramanaiah S/o China Chennaiah, Ondutla (V), Bestavaripet (M)

2	Total land available with the beneficiary (ha).	3.00 Ha.
3	Crop Cluster under which covered.	2.00 Ha.
4	Name & variety of crop planted.	Sweet Orange(2005-06)
5	Source of planting material.	Approved Private Nurseries, Railway Kodur
6	Number of planting material.	500
7	Number of plants planted	500
8	Date of plants which survived (also indicate percentage survival).	475 (95%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.45,000/-
10	Amount paid and date of payment.	1 st year 2005-06 – Rs.8,450.00 2 nd year 2006-07 – Rs.1,890.00 3 rd year 2007-08 – Rs.3,150.00
11	Mode of payment.	Demand Draft issued
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals
15.	Whether assistance available for Organic Farming	Yes
16	If so, area covered	2.00 Ha.
17.	Assistance available	Rs.22,500/-
18.	Available marketing facility for the crop.	Local & Hyderabad market.
19.	Other infrastructure available in the vicinity.	

20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.13

Sr. No.	Details	Remarks
1	Name of the farmer	Lakkakula Ramanaiah
2	Name of the project	Organic Farming – Construction of Vermi Compost Unit
3	Year of Implementation	2011-12
4	Project Period	1 year
5	Name of Implementing Agency	Own source
6	Location of Project	Ondutla (Vil.), Bestavaripet (Md.)
7	Total Project Cost	Rs.60,000/-
8	Amount Released by DAC	Rs.22,500/-
9	Expenditure incurred Status	Rs.60,000/-
10	Status	
	<ul style="list-style-type: none"> Crops covered 	Sweet Orange

	<ul style="list-style-type: none"> No of farmers involved 	1 (one)
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Beneficiary No.14

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Thota Lakshmi Narasimha Rao S/o Adi Narayana Ondutla (V), Bestavaripet (M).
2	Total land available with the beneficiary (ha).	2.00 Ha.
3	Crop Cluster under which covered.	1.00 Ha.
4	Name & variety of crop planted.	Sweet Orange(2010-11)
5	Source of planting material.	Railway Kodur
6	Number of planting material.	250
7	Number of plants rejuvenated.	240
8	Date of plants which survived (also indicate percentage survival).	240 (96%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.15,000/-
10	Amount paid and date of payment.	Inputs were supplied
11	Mode of payment.	Kind
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip

14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals, Bio products
15.	Whether assistance available for Organic Farming	Yes
16.	If so, area covered	1.00 Ha.
17.	Assistance available	Rs.22,500/-
18.	Available marketing facility for the crop.	Local & Hyderabad Market
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.15

Sr. No.	Details	Remarks
1	Name of the farmer	Thota Lakshmi Narasimha Rao
2	Name of the project	Organic Farming – Construction of Vermi Compost Unit
3	Year of Implementation	2011-12
4	Project Period	1 year
5	Name of Implementing Agency	Own source

6	Location of Project	Ondutla (Vil), Bestavaripet (Md)
7	Total Project Cost	Rs.60,000/-
8	Amount Released by DAC	Rs.22,500/-
9	Expenditure incurred Status	Rs.60,000/-
10	Status	
	<ul style="list-style-type: none"> Crops covered 	Sweet Orange
	<ul style="list-style-type: none"> No of farmers involved 	1 (one)

Beneficiary No.16

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Vanipenta Krishna S/o Kasaiah, Ondutla (V), Bestavaripet (M)
2	Total land available with the beneficiary (ha).	1.20 Ha.
3	Crop Cluster under which covered.	1.20 Ha.

4	Name & variety of crop planted.	Sweet Orange(2009-10)
5	Source of planting material.	Approved Private Nurseries, Railway Kodur
6	Number of planting material.	300
7	Number of plants planted.	300
8	Date of plants which survived (also indicate percentage survival).	285 (95%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	Rs.27,000/-
10	Amount paid and date of payment.	1 st year 2009-10 – Rs.6,720.00 2 nd year 2010-11 – Rs. 825.00 3 rd year 2011-12 – Rs.5,769.00
11	Mode of payment.	Online Transfer
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic & Inorganic fertilizers, P.P.Chemicals, Bio products
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.17

Sr. No.	Details	Remarks
1	Name of the project	M/S .SRI SAI LAKSHMI COLD STORAGE
2	Year of Implementation	2010-11
3	Project Period	2Year's
4	Name of Beneficiary	SABBASANI NAGALAKSHMI (MANAGING PARTNER) SABBASANI EASWAR REDDY (PARTNER) SABBASANI LOKESWARA REDDY (PARTNER) SABBASANI LOHITHA (PARTNER)
5	Location of Project	SY.NO:-337/1,KESINENIPALLI (V) TRIPURANTHAKAM(M) PRAKASAM DISTRICT - ANDHRA PRADESH.
6	Total Project Cost	313.88 Lakh's
7	Amount Released & date	120.00 Lakh's 29. 08.2011.
8	Expenditure incurred	313.88 Lakh's
9	Status	
	Capacity of unit	7000 MT'S
	Commodity	CHILLIES -135MT'S TURMARIC - 675MT'S TAMARIND - 9MT'S
	Equipments purchased	FRICK INDIA LTD, DHELI (FARIDABAD) 125 KV,GENERATOR - ASHOK LAYLOND BANGALORE.

	Condition of infrastructure	GOOD
	Whether NHM logo displayed	YES
	Whether funds disbursed to agency	YES

Beneficiary No.18

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri.Patibandla Yellamandaiah S/o Guravaiah Kesinenipalli(V) Tripuranthakam (M)
2	Total land available with the beneficiary (ha).	2.56 Ha
3	Crop Cluster under which covered.	2.56 Ha
4	Name & variety of crop planted.	Sweet Orange (2009-10)
5	Source of planting material.	Approved Private Nurseries Railway Kodur
6	Number of planting material.	640 Plants
7	Number of plants planted	640 Plants
8	Date of plants which survived (also indicate percentage survival).	600 Plants (94%)
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	57600.00 (For 3Years)
10	Amount paid and date of payment.	1 st Year 8384.00 2 nd Year 2496.00 3 rd Year 17280.00

11	Mode of payment.	Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic –In organic Fertilizers and PP Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Local Market and Hyderabad
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.19

Sr. No.	Details	Remarks
1	Name of the Farmer	Sri.Venkata Narayana S/o Pedda Subbaiah Boyalapalli (V) Y.Palem (M) Prakasam District- Andhrapradesh.
2	Name of the Scheme (RKVY)	Permanent Pandal

3	Year of Implementation	2010-11
4	Project Period	1 Year
5	Name of Implementing Agency	Own
6	Location of Project/Unit	Boyalapalli (V) Yerragondapalem (M)
7	Total Project Cost	102000.00
8	Amount Released by DAC	51000.00 Dt:-31.05.2011.
9	Expenditure incurred Status	102000.00
10	Status	
	<ul style="list-style-type: none"> Crops covered 	Coccinia
	<ul style="list-style-type: none"> No of farmers involved 	One
	<ul style="list-style-type: none"> Name & address of certifying agency 	
	<ul style="list-style-type: none"> Whether any certificate issued 	

Beneficiary No.20

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Sri.Paladugu Venkateswarlu W/o Kotaiah Boyalapalli (V) YerragondaPalem(M)
2	Total land available with the beneficiary (ha).	1.00 Ha
3	Crop Cluster under which covered.	1.00 Ha
4	Name & variety of crop planted.	Sweet Orange (2011-12)
5	Source of planting material.	Approved Private Nurseries Railway Kodur
6	Number of planting material.	200 Plants
7	Number of plants planted	200 Plants
8	Date of plants which survived (also indicate percentage survival).	
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	3000.00(Per Ha)
10	Amount paid and date of payment.	Inputs and Implements were supplied only.
11	Mode of payment.	In kind
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	
14.	Other inputs provided.	Manures & Fertilizers & PP Chemicals

15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Local Market and Hyderabad.
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.21

Sr. No.	Details	Remarks
1	Name of the project	Creation of Water Resources –Farm pond
2	Year of Implementation	2009-10
3	Project Period	1Year
4	Name of Implementing Agency	Andhra Pradesh State Co-operative Rural Irrigation Corporation Ltd.(APSCRIC).

5	Location of Project	Smt.Kondru Malleswari W/o Venkata Subbaiah, Pedda Boyalapalli (V),Y.Palem (M), Prakasam District.-Andhra Pradesh.
6	Total Project Cost	230900.00
7	Amount Released by DAC	207810.00 (90% Subsidy)
8	Expenditure incurred Status	77890.00
9	Current Status of Project	
	• Dimension (L x W x D)	21X21X4 Mts.
	• Capacity	20Lakh Litres
	• Command Area	16Acres
	• Whether linked with new plantation or old plantation	SHM-New Plantations-4.00 Hectors
	• Whether funds disbursed	Yes

Beneficiary No.22

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Venna Yallamma W/o Mohan Reddy Veerabadhrapuram (V) YerragondaPalem (M)
2	Total land available with the beneficiary (ha).	0.68 Ha

3	Crop Cluster under which covered.	0.68 Ha
4	Name & variety of crop planted.	T.C Banana - Grand -9 (2011-12)
5	Source of planting material.	Approved Private Nurseries Sai Lara Biotechnologies
6	Number of planting material.	2400 Plants
7	Number of plants planted	2400 Plants
8	Date of plants which survived (also indicate percentage survival).	2400 Plants
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	21165.00 (For 1 st Year)
10	Amount paid and date of payment.	1 st Year 12000.00
11	Mode of payment.	Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic –In organic Fertilizers and PP Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Bombay & Calcutta
19.	Other infrastructure available in the vicinity.	

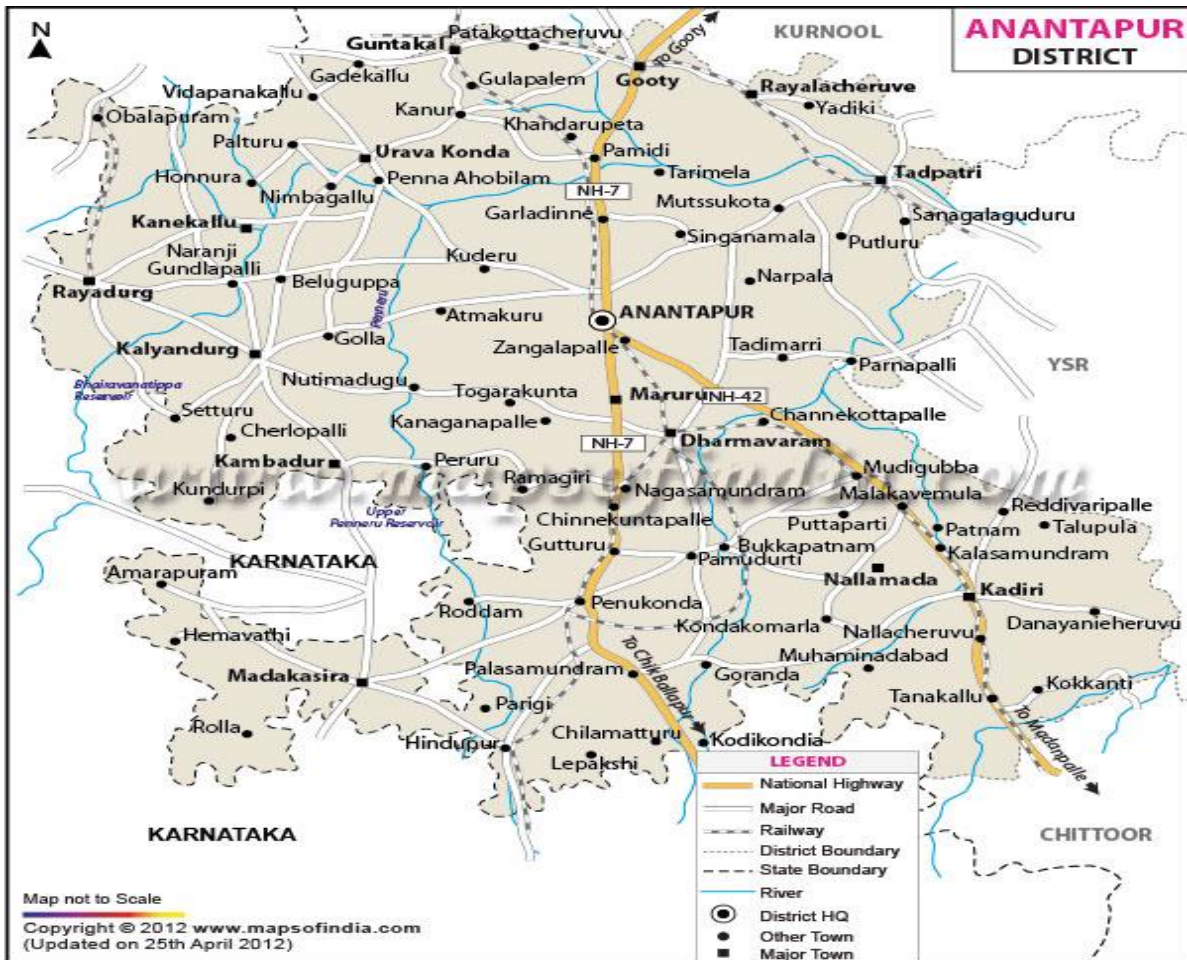
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.23

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Smt. Tirumalareddy Adilakshmi W/o Srinivasa Reddy Ganjivaripalli (V) YerragondaPalem (M)
2	Total land available with the beneficiary (ha).	0.778 Ha
3	Crop Cluster under which covered.	0.778 Ha
4	Name & variety of crop planted.	T.C Banana - Grand -9 (2011-12)
5	Source of planting material.	Approved Private Nurseries Brook fields Biotech .Pvt Ltd
6	Number of planting material.	2800 Plants
7	Number of plants planted	2800 Plants
8	Date of plants which survived (also indicate percentage survival).	2800 Plants
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	24215.00 (For 1 st Year)
10	Amount paid and date of payment.	1 st Year 14000.00

11	Mode of payment.	Online
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore Well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	Organic –In organic Fertilizers and PP Chemicals
15.	Whether assistance available for Organic Farming	
16	If so, area covered	
17.	Assistance available	
18.	Available marketing facility for the crop.	Bombay & Calcutta
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

District: Anantapur



HORTICULTURE IN DISTRICT ANANTAPUR

Location:

Anantapur district lies in the Rayalaseema region of Andhra Pradesh between 13°40' and 15°15' northern Latitude and 76°50' and 78°30' eastern Longitude. Anantapur city is 354 km from State capital Hyderabad, and 200 km from the neighboring state capital of Bangalore. Anantapur connects Hyderabad and Bangalore through National Highway-7. It is bounded by Kurnool district on the North; Kadapa and Chittoor on the east; Kolar and Tumkur districts on the South; and Chitradurga and Bellary on the West. The district is roughly oblong in shape, the longer side running North to South with a portion of Chitradurga District of Karnataka State intruding into it from West between Kundurpi and Amarapuram mandals.

Geography:

The total geographic area of the district is 19130 Km². The District has been divided into 3 Revenue Divisions consisting 63 Mandals Viz. **Anantapur Division** with 20 mandals (Anantapur, Atmakur, BK Samudram, Garladinne, Gooty, Guntakal, Kudair, Narpala, Pamidi, Peddapappuru, Peddavaduguru, Puttur, Rapathadu, Singanamala, Tadipatri, Uravakonda, Vajrakarur, Vidapanakal, Yadiki, Yellanur), **Dharmavaram Division** with 17 mandals (Bathalapalli, Beluguppa, Bommanahal, Brahmasamundram, C.K. Palli, D. Hirehal, Dharmavaram, Gummagatta, Kalyanadurg, Kambadur, Kanganapalli, Kanekal, Kundurpi, Ramagiri, Ramagiri, Settur, Tadimarri) and **Penukonda Division** with 26 mandals (Agali, Amadaguru, Amarapuram, Bukkapatnam, Chilamathur, Gandiapenta, Gorantla, Guddibanda, Hindupur, Kadiri, Kothacheruvu, Lepakshi, Madakasira, Mudigubba, N.P. Kunta, Nallacheruvu, Nallamada, O.D. Cheruvu, Parigi, Penukonda, Puttaparthi, Roddam, Rolla, Somandepalli, Talupula, Tanakal). The district has more than 900 villages.

Land Use:

The land use pattern in the district as per the latest statistics, about 58.3% of total geographical area constitutes net sown area and about 7.5% area is under current fallows. A very small area is under pastures and other grazing lands.

Climate:

Anantapur is one of the drought-prone districts in the rain shadow area of Andhra Pradesh. The annual average rainfall of the district is 572 mm. The normal rainfall for the South West monsoon period is 338 mm which forms about 61.2% of the total rainfall for the year. The rainfall for North East monsoon period is 156 mm, which forms 28.3% of annual rainfall (October to December). The remaining months of March, April and May are warm and dry. The normal daily maximum temperature ranges between 29°C and 42°C. The November, December and January are cooler months with minimum temperature around 17.2°C. The aridity index is -73.8, with an average 5 runoff events per annum and PET is 2140 mm.

The normal onset of the monsoon is around June and could be delayed even up to end of August. There is high coefficient of variation for the onset data which is typical of the district and is the major cause of uncertainty in farming.

There is high spatial variability in annual rainfall in the district, while Kudair, Kambadur and C.K. Palli receive <250 mm mean rainfall during the South-West monsoon period, only Mudigubba mandal gets >400 mm rainfall. All other mandals receive between 250-400 mm rainfall during SW monsoon.

In nine mandals namely Tadipatri, Yellanur, Putlur, Kadiri, Gandlapenta, Nallacheruvu, Tanakal, N.P. Kunta, and Talupula the LGP was maximum ranging from 90-120 days. In 17 mandals viz. D. Hirehal, Bommanahal, Kanekal, Rayadurg, Beluguppa, Kudair, Atmakur, Kalyandurg, Gummanagatta, Brahmasumudram, Settur, Kankurpi, Kanagalipalli, Ramagiri, C.K. Palle, Roddam and Amarapuram have the lowest LGP of <70 days. The majority of the central region of the district comprising 37 mandals has an LGP of 70-90 days.

Soils

Red soils are dominant in the district and occupy 66% of total geographical area (TGA). Red clayey soils occur extensively in all mandals. Red loamy soils account for 16% of TGA and remaining 50% area is under red clayey soils. Tank irrigated valley alluvial soils (Saline/ sodic soils) occur to an extent of 12% of TGA and distributed in all mandals. Black soils occupy 10% area in the district and are distributed in Tadapatri, Putlur, Yellanur, Uravokonda, Vajakarur, Beluguppa and Vidapanakal mandals. Rock lands occur in 12% of TGA and are distributed mainly in Beluguppa, Rayadurg, Bukkapatnam, Puttaparthi, Penukonda, O.D. Cheruvu mandals.

The district is divided into 3 Natural Divisions viz. **Division I** comprising Rayadurg, Kanekal, Beluguppa Gooty, Guntakal, Vajrakarur, Uravakonda, Vidapanakal, Yadiiki, Tadipatri, Putlur and Yellanur containing larger areas of Black Cotton soils; **Division II** comprising Kalyandurg, Kambadur, Settur, Brahmasamudram, Ramagiri, Kanaganapalli, C.K.Palli, Dharmavaram, Bathalapalli, Tadimarri, Mudigubba, Anantapur, Kudair, Pamidi and Peddavadugur in the center which are mainly made up of arid treeless, expense of poor red soils; and **Division III** comprising high level lands of Penukonda, Roddam, Somandepalli, Hindupur, Lepakshi, Chilamathur, Madakasira, Rolla, Gudibanda and Agali with sandy red soils of average depth supporting normal productivity. In general, the depth of majority soils ranges from extremely shallow (10-25 cm) to shallow (25-50 cm). Deep soils (100-150cm) are also found in some parts of the district.

The soils have low in organic carbon and available nitrogen, medium to high in available phosphorous and available potassium content. About 40% soils are below critical level of Zinc and 33% soils are below critical level for iron. The extent of area under different soil types during kharif and *rabi* seasons is presented In the district, about 47% area has very gentle (1-3%) slope, followed by 23% area with gentle (3-8%) slope, and about 12% area is moderately steep slope (15-30%). Land capability classification suggests that 50% of the lands are class III followed by class IV lands occupying 20% of the area. The landscape is undulating and has large arid, treeless expanses of poor

soils. Due to the impoverished soil conditions, scanty rainfall, indiscriminate grazing and poor protection, many of the forests have almost disappeared. Most parts of the district are desolate and barren.

Water resources

The agriculture of the district is mainly dependent on South-West and North-East monsoons. The predominant kharif area is under South-West monsoon. The major river in the District is **Pennar** which flows through Parigi, Roddam, Ramagiri, Kambadur, Kalyandurg, Beluguppa, Uravakonda, Vajrakarur, Pamidi, Peddavadugur, Peddapappur and Tadipatri Mandals and finally enters Cuddapah District. Jayamangala river which has its origin in Karnataka enters this District in Parigi Mandal and joins Pennar River at Sangameswarampalli of Parigi Mandal. **Chitravathi, Hagari, Kushavathi, Swarnamukhi, and Papagni** are other small rivers and streams which provide water to various large and medium irrigation tanks in the district.

The primary sources of irrigation in the district are tanks, wells and canals. The major irrigation project in the district is Tungabhadra High level canal project Stage- I&II with an ayacut of 51771 ha and six medium projects. Apart from these projects, there are 5353 irrigation tanks and about 87,000 wells. The gross irrigated area is 1,54,000 ha and the net irrigated area is 1,25,000 ha in the district which accounts for 8 and 6.5%, respectively. Out of net area irrigated, 31 per cent is from surface water irrigation and 69 percent is from ground water.

It is obvious that the major source of irrigation is through tube wells and filter points. As for groundwater development, 9 mandals are under Semi Critical (70 - 90 %); 12 mandals fall under Critical (90 - 100 %); and 28 mandals fall under Over exploited (> 100 %) category. About 200 villages have been notified for restricted development by the State Groundwater authority.

Crops and cropping systems

The total geographical area of the district is 19.13 lakh ha out of which 69.6 per cent is the net sown area. In the district, 68% of the farmers come under marginal and small category. Most of the farmers are resource poor and practice rainfed farming. Smallholdings (< 3.0 ha) dominate (60%) the district. The district is more frequently prone to drought. **Of the 133 years of record i.e., from 1876-1877 to 2008-09, 66 years were drought years.** Mechanization is difficult in small land holdings but labour scarcity is also very high.

The district has 90% area under rainfed conditions. Groundnut is the principal *Kharif* crop grown over an area of about 8 lakh ha. The area under this crop increased from 2.5 lakh ha in 1970's to 8 lakh ha by 2000 and maintained at that level ever since with year to year fluctuation depending on the rainfall. Large year to year fluctuations are noticed in the average productivity. Highest productivity (1328 kg/ha) was recorded in 1996 and lowest yield (67 kg/ha) was recorded in 2006. During the 1960s, cereal crops such as sorghum, finger millet and others (50% area) dominated the agriculture scenario, and groundnut (20% area) was a minor crop. Presently, over 70% of the cultivated area is under groundnut due to its commercial value and declining demand to millets. Further, it is a valuable source of fodder for livestock during dry years or in case of crop failures.

Major farming situations

The district lies in the Scarce Rainfall agro-climatic Zone. Based on soil types and source of irrigation, the district is divided into 9 (nine) farming situations with majority of the district (75%) under Rainfed Red Soils and Groundnut being the major crop.

The major cropped area of the district in *kharif* is under rainfed red soils where groundnut is normally intercropped with pigeonpea. In addition, in about 3.44 lakh ha, mulberry crop is grown to support sericulture. The normal yields of different crops are presented Maize has recorded highest productivity though the area sown is only about 25000 ha in kharif and about 3300 ha in rabi. The productivity of Bengal gram is also high at 981 kg/ha as it is mainly grown in black soil regions with relatively high rainfall.

Livestock

The geographic area of the district is 1913000 ha. of which permanent pastures constitutes of 25968 ha (1.36%). As per the latest (18th) livestock census, the district had 7.3 % of cattle, 4.0% of buffaloes, 12.6% of sheep, 9.4% of goats and 5.4% of pig population of the state. The district ranks first in goat population in the state and is having highest livestock population next only to Mahabubnagar. About 57.6 % of the households in the district possess livestock. The district is having highest Hallikar breed cattle, which is used extensively for agricultural operations. Sheep and goat constitute 73% of the total livestock population of 58.10 lakh.

. Area, Production & Productivity of Horticulture Crops in Anantapur District

Sl. No.	Name of the crop	2011-12		
		Area in Ha.	Production in MTs	Productivity in MTs per Ha.
		(a)	(c)	(d)
(A)	Fruits			
	Mango	7994	43742	8.00
	Banana	7286	195000	65.00
	Guava	2100	12100	15.00
	Acid Lime	700	1722	20.00
	Sweet Orange	49759	599580	16.00
	Pomegrante	3363	38064	15.00
	Papaya	6321	220000	100.00
	Sapota	3951	26133	12.00
	Coconut	266	68000	
	Melons	4300	75600	18.00

	Grape	250	4500	18.00
	Total	86290	1284441	287.00
(B)	Vegetables			
	Tomato	4690	103180	22.00
	Brinjal	450	11250	25.00
	Bhendi	459	6885	15.00
	Green chillies	3337	33370	10.00
	Gourds	107	1605	15.00
	Onion	1926	32742	17.00
	Others	1737	26055	15.00
	Total-B	12706	215087	
(C)	Flowers			
	Jasmine	400	3000	7.50
	Chrysanthimum	200	2500	12.50
	Marigold	1373	17163	12.50
	Tube rose	350	2625	7.50
	Rose (Nos)	5	500000	100000.00
	crossandra	400	1000	2.50
	Total-C	2728	526288	
(D)	Spices & Medicinal Plants			
	Spices	1500	22500	15
	Medicinal plants	240	7200	30
	Total-D	1740	29700	
	Total (A+B+C+D)	17174	771075	

Field Visit to District Anantapur:

List of Farmers Visited

1. G.Venkataramudu S/o G.Durgappa Ammavaripeta(v) B.K.Samudram, 2.00 Ha, S.Orange – Rangapur.
2. G.Chinna Venkataramudu S/o G.Durgappa Ammavaripeta(v) B.K.Samudram, 2.00 Ha, S.Orange – Rangapur.
3. G.Narayana S/o G.Durgappa Ammavaripeta(v) B.K.Samudram, 2.00 Ha, S.Orange – Rangapur.
4. G.Ramajinayulu S/o G.Durgappa Ammavaripeta(v) B.K.Samudram, 2.00 Ha, S.Orange – Rangapur.
5. K.Mahalakshmi W/o K.Sarveswara Reddy Ramadaspate (v) Gareladinna (m), 1.00 Ha, S.Orange – Rangapur.
6. K Sri Devi W/o Devandra Reddy Reddy Ramadaspate (v) Gareladinna (m), 1.00 Ha, S.Orange – Rangapur.
7. K.Savithramma W/o K.Pedda Narapa Reddy Ramadaspate (v) Gareladinna (m), 2.00 Ha, S.Orange – Rangapur.
8. K.Sarwaswara Reddy S/o Peda Narapa Reddy Ramadaspate (v) Gareladinna (m), 2.00 Ha, S.Orange – Rangapur.
9. L.S Narayana Rao S/o L.S Syamala Rao Kalluru (v) Garladinna (m), 1.00 Ha, S.Orange – Rangapur.
10. L.S Sivaji Rao S/o L.S Syamala Rao Kalluru (v) Garladinna (m), 1.00 Ha, S.Orange – Rangapur.
11. B.Vijaya Basker S/o B.Chandra Shaker B.K Samudram (v) B.K Samudram (m), 1.00 Ha, Mango –Banisha.
12. RKVY – **Integrated Vegetable Production Techniques-** .Construction of Shade net Houses for raising of vegetable seedlings, Venkatapuram (V), Bukkarayasamudram(M), Anantapur Dist., Tomato, Brinjal, Onion.
13. T. Hanumanthu S/o T. Dullappa, Katiganikal (V), Anantapur (M), Katiganikalva (V), Anantapur (M), 1200cft.
14. Y. Ananda Reddy, S/o Y. Narayana Reddy, A. Narayanapuram(V), Anantapur (M)., Hardening of TC Banana plants, 1000 sqmt.
15. Adoption and certification of organic farming, Rural Area Backward people Development Society, Anantapur, Mango.

16. P. Sreedhar Babu, S/o P. Suresh Babu, Korrapadu (V), Bukkarayasamudram(M), 4.3 Ha., Gerbera flowers.
17. P. Radhika, W/o P. Sreedhar Babu, Korrapadu (V), Bukkarayasamudram (M), 4.00 Ha., Gerbera flowers.
18. SHM- Creation of Water Resources – Farm pond, B.K.Samudram (V), Bukkarayasamudram (M),
19. D. Narayanaswamy, S/o D.Venkatappa Rotarypuram (V), Bukkarayasamudram (M), Rotarypuram (V), Bukkarayasamudram (M), 1200cft.
20. Post Harvest Management – Banana Ripening chamber, Pradeep Reddy, Anantapur, Banana ripening.
21. RKVY – Integrated Vegetable Production Techniques- .Construction of Permanent Pandals, V. Rami Reddy, S/o Nallappa, Katiganikalva (V), Anantapur (M), Bittergourd.
22. M Rami Reddy S/o Nallappa Katiganikalava(V) Anantapur (M), 2.00Ha., Water Melon.

The details of activities visited are as below:

Field Visit

Beneficiary No.1

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	G.Venkataramudu S/o G.Durgappa Ammavaripeta(v) B.K.Samudram
2	Total land available with the beneficiary (ha).	2.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	500 No's
7	Number of plants planted/ rejuvenated.	500 No's
8	Date of plants which survived (also indicate percentage survival).	95 %

9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8625.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.2

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	G.Chinna Venkataramudu S/o G.Durgappa Ammavaripeta(v) B.K.Samudram
2	Total land available with the beneficiary (ha).	2.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	500 No's

7	Number of plants planted/ rejuvenated.	500 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8625.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.3

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	G.Narayana S/o G.Durgappa Ammavaripeta(v) B.K.Samudram
2	Total land available with the beneficiary (ha).	2.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits

4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	500 No's
7	Number of plants planted/ rejuvenated.	500 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8625.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.4

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	G.Ramajinayulu S/o G.Durgappa Ammavaripeta(v) B.K.Samudram
2	Total land available with the beneficiary (ha).	2.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	500 No's
7	Number of plants planted/ rejuvenated.	500 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8625.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	

19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.5

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	K.Mahalakshmi W/o K.Sarveswara Reddy Ramadaspate (v) Gareladinna (m)
2	Total land available with the beneficiary (ha).	1.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	250 No's
7	Number of plants planted/ rejuvenated.	250 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	4312.50
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines

15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.6

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	K Sri Devi W/o Devandra Reddy Reddy Ramadaspate (v) Gareladinna (m)
2	Total land available with the beneficiary (ha).	1.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	250 No's
7	Number of plants planted/ rejuvenated.	250 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	

10.	Amount paid and date of payment.	4312.50
11.	Mode of payment.	D.D
12.	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16.	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.7

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	K.Savithramma W/o K.Pedda Narapa Reddy Ramadaspate (v) Gareladinna (m)
2	Total land available with the beneficiary (ha).	2.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	500 No's

7	Number of plants planted/ rejuvenated.	500 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8625.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.8

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	K.Sarwaswara Reddy S/o Peda Narapa Reddy Ramadaspate (v) Gareladinna (m)
2	Total land available with the beneficiary (ha).	2.00 Ha

3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	Vemulapadu Horticulture Nursery
6	Number of planting material.	500 No's
7	Number of plants planted/ rejuvenated.	500 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8625.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.9

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	L.S Narayana Rao S/o L.S Syamala Rao Kalluru (v) Garladinna (m)
2	Total land available with the beneficiary (ha).	1.00 Ha
3	Crop Cluster under which covered.	Good Management practice – Pome
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	
6	Number of planting material.	750 No's
7	Number of plants planted/ rejuvenated.	750 No's
8	Date of plants which survived (also indicate percentage survival).	
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8750
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	

19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.10

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	L.S Sivaji Rao S/o L.S Syamala Rao Kalluru (v) Garladinna (m)
2	Total land available with the beneficiary (ha).	1.00 Ha
3	Crop Cluster under which covered.	Good Management practice – Pome
4	Name & variety of crop planted.	S.Orange – Rangapur
5	Source of planting material.	
6	Number of planting material.	750 No's
7	Number of plants planted/ rejuvenated.	750 No's
8	Date of plants which survived (also indicate percentage survival).	
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	
10	Amount paid and date of payment.	8750
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines

15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.11

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	B.Vijaya Basker S/o B.Chandra Shaker B.K Samudram (v) B.K Samudram (m)
2	Total land available with the beneficiary (ha).	1.00 Ha
3	Crop Cluster under which covered.	Area Expansion –Fruits
4	Name & variety of crop planted.	Mango -Banisha
5	Source of planting material.	
6	Number of planting material.	175 No's
7	Number of plants planted/ rejuvenated.	175 No's
8	Date of plants which survived (also indicate percentage survival).	95 %
9	Total amount of subsidy assistance due to the beneficiary as (Rs.)	

10	Amount paid and date of payment.	15350.00
11	Mode of payment.	D.D
12	Source of Irrigation Water (Bore well/ Tube well/ Canel)	Bore well
13.	Whether Drip/ Sprinkle System in use.	Drip
14.	Other inputs provided.	As per guidelines
15.	Whether assistance available for Organic Farming	No
16	If so, area covered	No
17.	Assistance available	No
18.	Available marketing facility for the crop.	
19.	Other infrastructure available in the vicinity.	
20.	General upkeep of the plot; Very good/ Good / Average/ Poor.	
21.	Any other relevant observation by the JIT.	

Beneficiary No.12

Sr. No.	Details	Remarks
1	Name of the project	RKVY – Integrated Vegetable Production Techniques- .Construction of Shade net Houses for raising of vegetable seedlings
2	Year of Implementation	2010-11
3	Project Period	2010-11
4	Name of Implementing Agency	Department of Horticulture
5	Location of Project	Venkatapuram (V), Bukkarayasamudram(M), Anantapur Dist.

6	Total Project Cost	Rs.1,00,000/-
7	Subsidy Amount Released by Implementing Agency (50%)	Rs.50,000/-
8	Expenditure incurred	Rs.1,45,000/-
9	Status of Project	
	<ul style="list-style-type: none"> Name of Nursery and crop for which seedlings are produced 	
	<ul style="list-style-type: none"> Name of crops for which seeds produced 	Tomato, Brinjal, Onion
	<ul style="list-style-type: none"> Quantity produced 	
	<ul style="list-style-type: none"> Quantity sold 	
	<ul style="list-style-type: none"> Rate 	
	<ul style="list-style-type: none"> Amount realized through sale 	
	<ul style="list-style-type: none"> Whether RKVY logo displayed 	

Beneficiary No.13

S. No.	Details	Remarks
1	Name & Address of the Beneficiary	T. Hanumanthu S/o T. Dullappa, Katiganikal (V), Anantapur (M)
2	Year of Implementation	2011-12
3	Size of the unit	1200 cft.
4	Unit period	2011-12 to 2016-17

5	Location of the unit	Katiganikalva (V), Anantapur (M)
6	Total Unit cost	Rs.2,23,300.00
7	Total subsidy paid (75%)	Rs.45,000.00
8	Condition of the structure	
9	General upkeep (very good/ Godd/Average/poor)	
10	Any other relevant observation by JIT	

Beneficiary No.14

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	Y. Ananda Reddy, S/o Y. Narayana Reddy, A. Narayanapuram(V), Anantapur (M).
2	Total land available with the beneficiary (ha).	
3	Type of Protected cultivation activity (Hi-tech / Normal GH, Shade net, Plastic tunnel)	Hightech Green House (with Fan and pad)
4.	Year of establishment	2010-11
5.	Size of Structure (Sq. m)	1000 sqmt.
6.	Total cost	Rs.15,37,980.00
7.	Agency involved in fabrication and installation	
8.	Total subsidy paid and date of payment.	Rs.4,67,500.00, dt.17.2.2012

9.	Crop being grown	Hardening of TC Banana plants
10.	Condition of Structure	
11.	Condition of Crop	
12.	Tie up with market	
13.	General upkeep (Very good/ Good/ Average/ Poor)	
14	Any other relevant observation by JIT.	

Beneficiary No.15

Sr. No.	Details	Remarks
1	Name of the project	Adoption and certification of organic farming
2	Year of Implementation	2010-11
3	Project Period	3 years
4	Name of Implementing Agency	Rural Area Backward people Development Society, Anantapur
5	Location of Project	Illuru (V), Garladinne (M)
6	Total Project Cost	Rs.20.00 lakhs
7	Amount Released by DAC	Rs.5,60,000.00
8	Expenditure incurred Status	Rs.5,60,000.00
9	Status	
	• Crops covered	Mango
	• No of farmers involved	84

	<ul style="list-style-type: none"> Name & address of certifying agency 	Vedic Organic certification Agency, Hyderabad.
	<ul style="list-style-type: none"> Whether any certificate issued 	-YES-

Beneficiary No.16

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	P. Sreedhar Babu, S/o P. Suresh Babu, Korrapadu (V), Bukkarayasamudram(M)
2	Total land available with the beneficiary (ha).	4.3 Ha.
3	Type of Protected cultivation activity (Hi-tech / Normal GH, Shade net, Plastic tunnel)	Hightech Green House
4.	Year of establishment	2010-11
5.	Size of Structure (Sq. m)	1000 sqmt.
6.	Total cost	Rs.978304.00
7.	Agency involved in fabrication and installation	
8.	Total subsidy paid and date of payment.	Rs.467500.00, dt.15.9.2011
9.	Crop being grown	Gerbera flowers.
10.	Condition of Structure	
11.	Condition of Crop	
12.	Tie up with market	
13.	General upkeep (Very good/ Good/ Average/ Poor)	
14	Any other relevant observation by JIT.	

Beneficiary No.17

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	P. Radhika, W/o P. Sreedhar Babu, Korrapadu (V), Bukkarayasamudram (M).
2	Total land available with the beneficiary (ha).	4.00 Ha.
3	Type of Protected cultivation activity (Hi-tech / Normal GH, Shade net, Plastic tunnel)	Hightech Green House
4.	Year of establishment	2010-11
5.	Size of Structure (Sq. m)	1000 sqmt.
6.	Total cost	Rs.978304.00
7.	Agency involved in fabrication and installation	
8.	Total subsidy paid and date of payment.	Rs.467500.00, dt.15.9.2011
9.	Crop being grown	Gerbera flowers.
10.	Condition of Structure	
11.	Condition of Crop	
12.	Tie up with market	
13.	General upkeep (Very good/ Good/ Average/ Poor)	
14	Any other relevant observation by JIT.	

Beneficiary No.18**(Smt. D.Venkatalakshamma W/o B.Chandra Sekhar)**

Sr. No.	Details	Remarks
1	Name of the project	SHM- Creation of Water Resources – Farm pond
2	Year of Implementation	2011-12
3	Project Period	
4	Name of Implementing Agency	APSCRIC
5	Location of Project	B.K.Samudram (V), Bukkarayasamudram (M)
6	Total Project Cost	Rs.339298.00
7	Amount Released by DAC	Rs.305368.00
8	Expenditure incurred Status	
9	Current Status of Project	
	• Dimension (L x B x W)	27 x 27 x 4
	• Capacity	30 lakhs litres
	• Command Area	
	• Whether linked with new plantation or old plantation	
	• Whether funds disbursed	

Beneficiary No.19

S. No.	Details	Remarks
1	Name & Address of the Beneficiary	D. Narayanaswamy, S/o D.Venkatappa Rotarypuram (V), Bukkarayasamudram (M)

2	Year of Implementation	2006-2007
3	Size of the unit	1200 Cft.
4	Unit period	5 Years
5	Location of the unit	Rotarypuram (V), Bukkarayasamudram (M)
6	Total Unit cost	Rs. 60000/-
7	Total subsidy paid (75%)	Rs. 30000/-
8	Condition of the structure	
9	General upkeep (very good/ Godd/Average/poor)	
10	Any other relevant observation by JIT	

Beneficiary No.20

Sr. No.	Details	Remarks
1	Name of the project	Post Harvest Management – Banana Ripening chamber
2	Year of Implementation	2010-11
3	Project Period	
4	Name of Beneficiary	Pradeep Reddy, Anantapur
5	Location of Project	Gooty Road, Anantapur
6	Total Project Cost	Rs.36.65 lakhs
7	Amount Released & date	Rs.13.60 lakhs, dt.

8	Expenditure incurred	Rs.35.36 lakhs
9	Status	
	Capacity of unit	
	Commodity	Banana ripening
	Equipments purchased	
	Condition of infrastructure	
	Whether NHM logo displayed	
	Whether funds disbursed to agency	

Beneficiary No.21

Sr. No.	Details	Remarks
1	Name of the project	RKVY – Integrated Vegetable Production Techniques- .Construction of Permanent Pandals
2	Year of Implementation	2008-09
3	Project Period	
4	Name of Implementing Agency	Department of Horticulture
5	Location of Project	V. Rami Reddy, S/o Nallappa, Katiganikalva (V), Anantapur (M)
6	Total Project Cost	Rs.1,20,000/-
7	Subsidy Amount Released by Implementing Agency (50%)	Rs.60,000/-
8	Expenditure incurred	Rs.1,45,000/-
9	Status of Project	

	• Name of crops for which Permanent pandal constructed	Bittergourd
	• Quantity produced	
	• Quantity sold	
	• Rate	
	• Amount realized through sale	
	• Whether RKVY logo displayed	

Beneficiary No.22

Sr. No.	Details	Remarks
1	Name & address of Beneficiary whose field visited.	M Rami Reddy S/o Nallappa Katiganikalava(V) Anantapur (M)
2	Total land available with the beneficiary (ha).	2.00 Ha
3	Type of Protected cultivation activity (Hi-tech / Normal GH, Shade net, Plastic tunnel)	Mulching
4.	Year of establishment	2011-2012
5.	Size of Structure Ha	1.600 Ha
6.	Total cost	Rs. 52500/-
7.	Agency involved in fabrication and installation	Uday Enterprises, Anantapur
8.	Total subsidy paid and date of payment.	-
9.	Crop being grown	Water Melon
10.	Condition of Structure	
11.	Condition of Crop	

12.	Tie up with market	
13.	General upkeep (Very good/ Good/ Average/ Poor)	
14	Any other relevant observation by JIT.	

Anantapur District Photographs



Proceedings of the wrap up meeting held on 22.9.12 in the Mini conference hall O/o Commissioner Horticulture, Hyderabad, Andhra Pradesh. Apart from the JIT members the following officers from SHM attended the meeting:

Sri .D.Balaji Naik,	Executive Director, SHM, AP
Sri. V.Ashok Kumar	Project officer, APMIP
Sri. P.Hanumantha Rao	Project Director, Nalgonda District
Sri. M.Sattar	Assistant Director,(Plannig), SHM cell, Hyd
Smt. K. Neeraja Gandhi	Assistant Director, (PHM),SHM cell, Hyd
Smt. G. Andal	Assistant Director,(RKVY), Hyd
Smt.K. Hemalatha	Assistant Director, (Area Expansion) SHM cell, Hyd

The Executive Director, State Horticulture Mission, Hyderabad has given presentation on the achievements made in the state under different activities since inception of the National Horticulture Mission and the activities programmed during 2012-13. (ANNEXURE-!)

Later on, the team members have expressed the following observations noticed during their visit to Chittoor, Anathapur, Prakasham and Nalgonda districts.

- Expressed that lot of progress has been made under Area Expansion Programme since inception of the NHM.
- Now more emphasis has to be given for Rejuvenation.

- Rejuvenation and Canopy Management need to be defined specifically for each crop especially for sweet orange.
- Separate guidelines need to be formulated for Rejuvenation of sweet orange.
- More emphasis has to be given to Post Harvest Management.
- Shade net and Drip irrigation is not being utilized in Horticulture farm, H.D.A, Chittoor.
- The quality of the plant material produced in, Horticulture farm, H.D.A, Chittoor need to be improved.
- Advised that Boundary on the farm pond has to be constructed.
- Cold storage is mostly utilized for Chilli and Tamarind than other horticulture produce.
- Infrastructure for grading and sorting need for establishment of pack houses need scientifically developed.
- Cold storages need to be accredited.
- The size of the cold storage need to be examined for giving assistance.
- More emphasis has to be given to Drip irrigation, farm ponds and Vermicompost.
- The guaze of mulching material being used by the farmers need to be checked. Mulching material used for laying mulch is to be fine otherwise it will be more expensive for the farmers.

ANNEXURE:-1

STATE HORTICULTURE MISSION ACTION PLAN - 2012-13									
Sl. NO	COMPONENTS/ CROPS	Unit	Assistance (in Lakh)	PRAKASHAM -1		PRAKASHAM -2		Total	
				Phy	Fin	Phy	Fin	Phy	Fin
	Production improvement								
1	PLANTATION INFRASTRUCTURE AND DEVELOPMENT								
A	Model Nurseries								
i	Private	No.							
ii	Public	No.	25	1.00	25.00	-	-	1.00	25.00
C	Setting up of new TC Units (Private)	No.	50		-		-	-	-
	Total			1.00	25.00	-	-	1.00	25.00
2	ESTABLISHMENT OF NEW GARDENS							-	-
A	Perennials							-	-
i	Mango(5 x 5 Mtrs.)	Ha.	0.225		-		-	-	-
ii	Mango (2.5 x 2.5 Mtrs.)	Ha.	0.24	-	-	-	-	-	-
iii	Sweet Orange (5x5 Mtrs.)	Ha.	0.24	75.00	18.00	50.00	12.00	125.00	30.00
v	Guava (2.5 x 2.5 Mtrs.)	Ha.	0.24	-	-	-	-	-	-
iv	Acid Lime (5x5 Mtrs.)	Ha.	0.225	30.00	6.75	25.00	5.63	55.00	12.38
viii	Pomegranate (5x3 Mtrs.)	Ha.	0.225		-		-	-	-
	Sub-Total			105.00	24.75	75.00	17.63	180.00	42.38

B	Non Perennials							-	-
i	Banana	Ha.	0.31125	53.90	16.78	60.00	18.68	113.90	35.45
ii	Papaya	Ha.	0.225	100.00	22.50	50.00	11.25	150.00	33.75
	Sub-Total			153.90	39.28	110.00	29.93	263.90	69.20
C	Plantation Crops							-	-
i	Cocoa	Ha.	0.078	-	-	-	-	-	-
	Sub-Total			-	-	-	-	-	-
E	Spices							-	-
	Turmeric	Ha.	0.125	-	-	-	-	-	-
	Sub-Total			-	-	-	-	-	-
	Total			258.90	64.03	185.00	47.55	443.90	111.58
3	MAINTENANCE-II YR.							-	-
A	Perennials							-	-
i	Mango(7.5 x 7.5 Mtrs.)	Ha.	0.05	40.88	2.21	158.23	8.54	199.11	10.75
ii	Mango(2.5 x 2.5 Mtrs.)	Ha.	0.08	-	-	-	-	-	-
iii	Sweet Orange	Ha.	0.05	130.40	6.52	50.00	2.50	180.40	9.02
iv	Sapota	Ha.	0.04	-	-	-	-	-	-
v	Guava	Ha.	0.03	4.00	0.13	13.00	0.43	17.00	0.56
vi	Acid Lime	Ha.	0.05	50.00	2.50	133.94	6.70	183.94	9.20
vii	Grape		0.10	-	-	-	-	-	-
viii	Promogranate	Ha.	0.06	-	-	-	-	-	-
	SUB-TOTAL			225.28	11.36	355.17	18.17	580.45	29.53

B	Non Perennials							-	-
i	Banana	Ha.	0.10	75.00	7.78	25.00	2.59	100.00	10.38
ii	Papaya	Ha.	0.08	50.00	3.75	50.00	3.75	100.00	7.50
	SUB-TOTAL			125.00	11.53	75.00	6.34	200.00	17.88
C	Plantation Crops							-	-
i	Cocoa	Ha.	0.03	-	-	-	-	-	-
	SUB-TOTAL			-	-	-	-	-	-
D	Perennials (NREGS)							-	-
i	Mango(7.5 x 7.5 Mtrs.)	Ha.	0.05	-	-	-	-	-	-
	SUB-TOTAL			-	-	-	-	-	-
	TOTAL			350.28	22.89	430.17	24.51	780.45	47.40
4	MAINTENANCE-III YR.							-	-
A	Perennials							-	-
i	Mango Low Density	Ha.	0.04	-	-	-	-	-	-
ii	Mango High Density	Ha.	0.05	18.50	1.00	22.15	1.20	40.65	2.20
	Mango Ultra High Density (2.5X2.5)	Ha.	0.08		-		-	-	-
iii	Sweet Orange	Ha.	0.05	131.50	6.57	66.13	3.31	197.63	9.88
iv	Sapota	Ha.	0.04	-	-	-	-	-	-
v	Guava	Ha.	0.03	-	-	36.00	1.18	36.00	1.18
vi	Acid Lime	Ha.	0.05	19.00	0.95	84.13	4.21	103.13	5.16
	SUB-TOTAL			169.00	8.52	208.41	9.89	377.41	18.42
B	Plantation Crops							-	-
ii	Cocoa	Ha.	0.03	-	-	-	-	-	-

i	Cashew	Ha.	0.03	-	-	-	-	-	-
	SUB-TOTAL			-	-	-	-	-	-
	TOTAL			169.00	8.52	208.41	9.89	377.41	18.42
Productivity Enhancement								-	-
4	REJUVENATION							-	-
	REJUVENATION OF SANILE GARDENS							-	-
i	Mango	Ha.	0.15	50.00	7.50	100.00	15.00	150.00	22.50
ii	Citrus	Ha.	0.15	150.00	22.50	150.00	22.50	300.00	45.00
iii	Cashew	Ha.	0.1	-	-	-	-	-	-
iv	Guava	Ha.	0.15	-	-	-	-	-	-
	Sub-Total			200.00	30.00	250.00	37.50	450.00	67.50
	CANOPY MANAGEMENT							-	-
i	Mango	Ha.	0.06	50.00	3.00	200.00	12.00	250.00	15.00
ii	Citrus	Ha.	0.06	350.00	21.00	300.00	18.00	650.00	39.00
iii	Cashew	Ha.	0.06	-	-	-	-	-	-
iv	Guava	Ha.	0.06	-	-	-	-	-	-
	Sub-Total			400.00	24.00	500.00	30.00	900.00	54.00
	TOP WORKING							-	-
i	Mango	Ha.	0.075	-	-	-	-	-	-
ii	Cashew	Ha.	0.075	-	-	-	-	-	-

	Sub-Total			-	-	-	-	-	-
	BBD				-		-	-	-
	Total			600.00	54.00	750.00	67.50	1,350.00	121.50
5	IPM/ INM							-	-
	Plant Pathogen Diagnostics for Improved Phytosanitary Measures and Standards in Horticultural Crops		150		-		-	-	-
	Total			-	-	-	-	-	-
6	PROTECTED CULTIVATION							-	-
i	Green Houses(Normal)	Ha.	46.75	0.20	9.35	-	-	0.20	9.35
ii	Plant material vegetable crops	Ha.	5.25	-	-	-	-	-	-
iii	Plant material for flower crops	Ha.	25.00	0.20	5.00	-	-	0.20	5.00
iv	Mulching	Ha.	0.10	12.00	1.20	10.00	1.00	22.00	2.20
v	Shadenet House (Wooden)	Ha.			-		-	-	-
vi	Shadenet House (Iron)	Ha.	30.00	0.10	3.00	0.10	3.00	0.20	6.00
v	Shadenet House for nursery	Ha.	12.00	0.53	6.36	0.50	6.00	1.03	12.36
	Total			13.03	24.91	10.60	10.00	23.63	34.91
7	ORGANIC FARMING							-	-
iii	Good Agriculture Practices							-	-
a	Adoption	Ha.	0.1	-	-	-	-	-	-
b	Certification	Ha.	0.05		-		-	-	-
	Sub-Total			-	-	-	-	-	-
iv	Vermi Compost Units							-	-
a	Vermi Compost	No.	0.3	1.00	0.30	1.00	0.30	2.00	0.60

	Sub-Total			1.00	0.30	1.00	0.30	2.00	0.60
	Total			1.00	0.30	1.00	0.30	2.00	0.60
	Water resources							-	-
8	Community Farm Ponds/Tanks	No.	4	10.00	40.00	10.00	40.00	20.00	80.00
	Total			10.00	40.00	10.00	40.00	20.00	80.00
9	POST HARVEST MANAGEMENT							-	-
i	Pack Houses	No.	1.5		-		-	-	-
ii	Cold Storage (5000 MT each)	No.	120	1.00	120.00	-	-	1.00	120.00
iii	Vending vans	No.	2	5.00	10.00	5.00	10.00	10.00	20.00
v	Ripening chambers	No.	120			1.00	120.00	1.00	120.00
vi	Primary Processing Units	No.	9.6	-	-		-	-	-
vii	Poly House Dryers	No.	0.625		-		-	-	-
viii	Turmeric Boiling Units	No.	1.5	-	-	-	-	-	-
ix	Fruit Blending in preparation of ice creame	No.	0.72	5.00	3.60	-	-	5.00	3.60
	Total			11.00	133.60	6.00	130.00	17.00	263.60
10	Development of Market Yards							-	-
i	Rural Market/apni mandi/ Direct market	No.	8		-		-	-	-
ii	Retail Market/Outlets	No.	4		-		-	-	-
iii	Functional Infrastructre for collection, grading, sorting	No.	6		-		-	-	-
iv	Market Extension/ Quality awarewness& marketled extension activity for fresh fruits	No.	3		-		-	-	-

	Total			-	-	-	-	-	-
11	HORTICULTURE MECHANIZATION				-		-	-	-
i	Power operated machines/ tools including Power Saw and Plant Protection equipments etc.	No.	0.175	36.00	6.30	30.00	5.25	66.00	11.55
ii	Power Machines (upto 20 BHP) with rotavator / equipment	No.	0.6	20.00	12.00	20.00	12.00	40.00	24.00
iii	Power machines (20 HP & above including accessories /equipments	No.	1.5	2.00	3.00	2.00	3.00	4.00	6.00
	Total			58.00	21.30	52.00	20.25	110.00	41.55
12	Human Resource Development (HRD)							-	-
a	HRD for Gardeners	No.	15		-		-	-	-
b	Training of farmers							-	-
i	Within the District (1 Day)	No.	0.002	675.00	1.35	675.00	1.35	1,350.00	2.70
ii	Within the State (2 Days)	No.	0.012	1,400.00	16.80		-	1,400.00	16.80
c	Exposure visit of farmers							-	-
i	With in the State(2days) @ 300/-per day	No.	0.01	45.00	0.27	45.00	0.27	90.00	0.54
iii	Outside the State (5days)@600/-per day	No.	0.03	60.00	1.80	60.00	1.80	120.00	3.60
d	Training / study tour of technical staff / field functionaries							-	-
i	Within the State	No.	0.002		-		-	-	-
iii	Study tour to progressive States/ units (group of minimum 5 participants)	No.	0.0065		-		-	-	-

v	Outside India	No.	5.00		-		-	-	-
	Total			2,180.00	20.22	780.00	3.42	2,960.00	23.64
13	Awareness Programmes				-		-	-	-
i	Seminars, conferences, workshops, exhibitions, Kisan Mela, horticulture shows, honey festivals etc.				-		-	-	-
	a) State level				-		-	-	-
	Mango show	No.	3		-		-	-	-
	Nursery Mela	No.	3		-		-	-	-
	Workshops	No.	3		-		-	-	-
	b) District level (Horti Show)		2	1.00	2.00		-	1.00	2.00
	National Horticulture show/ A.P.Horti expo	No.			-		-	-	-
	Printing of brouchers, leaflets, news letters /Conducting Rythu Chaitanya Yatralu				-		-	-	-
	Toll Free Helpline Services through BSNL				-		-	-	-
	Advertisement of SHM Schemes during 15 - August & 26 Junuary				-		-	-	-
	Participation of Horti/Agri Expo outside the State				-		-	-	-
	Total			1.00	2.00	-	-	1.00	2.00
	Total (1-12)				416.77		353.43	-	770.20
14	Mission Management							-	-
ii	State & Districts Mission Offices and implementing agencies for administrative expenses,				12.50		10.60	-	23.11

	project, preparation, computerization, contingency etc.								
iii	Institutional Strengthening, hire of vehicles /purchase of hardware/software							-	-
iv	Technical Support Group (TSG) at State Level for hiring experts							-	-
	Total			-	12.50	-	10.60	-	23.11
15	Maintenace of Data base on Horticulture Statistics							-	-
	GRAND TOTAL				429.27		364.0 3	-	793.30

RAINFALL

Sl. No.	Month	Normal	Actual 2010- 11	% IF VARIATION	Actual 2011- 12	% IF VARIATION	Actual 2012- 13	% IF VARIATION
South - West Monsoon								
1	June	79	104.8	32.7	50.2	-36.5	56.6	-28.4
2	July	102	180.4	76.9	134.9	32.3	143.8	41.0
3	August	117	152	29.9	172.8	47.7	132.2	13.0
4	September	140	135.3	-3.4	104.9	-25.1	75.5	-46.1
	TOTAL(SW)	438	572.5	30.7	462.8	5.7	408.1	-6.8
NORTH EAST MONSOON								
5	October	163	96.5	-40.8	127.0	-22.1	174.4	7.2

6	November	163	233.3	43.1	177.4	8.8	121	-25.6
7	December	70	69.7	-0.4	64.9	-7.3	84.5 up to 6.12.12	20.6
	Total (NE)	396	399.5	0.9	369.3	-6.7	379.9	-4.1
WINTER PERIOD								
8	January	8	1.4	-82.5	2.4	-70.0		
9	February	4	23.2	480.0	0	-100.0		
	Total (WP)	12	24.6	105.0	2.4	-80.0		
	TOTAL	846	996.6	17.8	834.5	-1.4		
HOT WEATHER PERIOD								
10	March	8	0	-100.0	1.7	-78.8		
11	April	18	58.4	224.4	36.8	104.4		
12	May	62	35.2	-43.2	55.4	-10.6		
	Total (HWP)	88	93.6	6.4	93.9	6.7		
	Grand Total	934	1090.2	16.7	928.4	-0.6		

DEPARTMENT OF AGRICULTURE, CHITTOOR

AREA COVERAGES DURING RABI 2012-13 FOR THE WEEK ENDING 11.12.2012

DISTRICT: CHITTOOR		Normal area in Rabi season 2012-13	Area sown upto week ending 11 .12.11 during Rabi 2011-12	Area sown upto week ending 11 .12.12 during Rabi 2012-13	Stage of the Crop	(IN HA.)
Sl. No.	Crop					% of crop sown
1	2	3	4	5	6	7
1	Paddy	37491	18143	13989	Transplantation & establishing to tillering stge	37
2	Jowar	1	0	2		200
3	Bajra	14	0	0		0
4	Maize	704	149	125	Germination to vegitative stage	18
5	Ragi	821	40	70	vegitative stage	9
	Total Minor Millets	1540	189	197		
6	Redgram	57	10	0		0
7	Blackgram	1013	2582	827	vegitative stage	82
8	Greengram	217	165	126	vegitative stage	58
9	Cowpea	4	0	4	vegitative stage	0
10	Horsegram	1768	1701	1590	vegitative to flowering stage	90
11	Other Pulses	3	10	3		100
	Total Pulses	3062	4468	2550		
	Total Food grains	42093	22800	16736		
12	Groundnut	16330	7825	7783	Germination to establishing stage	48
13	Sesamum	354	8	5		1

14	Sunflower	2597	305	41	vegitative stage	2
	Total Oil Seeds	19281	8138	7829		
15	Chillies	2249	710	348	Establishing to vegitative stage	15
16	Tobacco	123	10	5		4
17	Onion	196	30	16	vegitative stage	8
18	Cotton	118	14	20		17
	Total	64060	31702	24954		39