

## AGRICULTURE DEPARTMENT ACTIVITIES IN ANANTAPUR DISTRICT

The district has the largest geographical area (19.13 lakh Hects) among all the districts of Andhra Pradesh and receives the lowest quantum of rainfall among all the districts of Andhra Pradesh and second lowest in the country after Jaisalmer in Rajasthan. The normal rainfall of the district is 553.0mm. The normal rainfall for the South West Monsoon period is 338.0 mm which forms about 61.2% of the total rainfall for the year. The failure of the rains in this South West monsoon period from June to September often lead the District to drought and thereby failure of crops. The rainfall for North East monsoon period is 156.0 mm only, which forms 28.3% of annual rainfall (October to December). The remaining months of March, April and May are warm and dry. Beside low quantum the variability in rainfall distribution is also very high in the district. The district is also dominated by shallow red soils which are low in organic matter and nutrient content with low moisture retention capacity. Due to continuous droughts the ground water levels have gone down precariously and the areas under bore wells/wells have shown a declining trend.

Agriculture sector plays an important role in the economy of the District. The 70 % of the District population depends on Agriculture for their livelihood. The share of Agriculture and allied sectors in Gross Domestic Product (GDP) of the district ranges from 24 to 37%.

As per the census 2001, the population of the district is 36.40 lakhs. There are 7.79 lakhs households in the district. About 8.0 lakhs farmers and 6.71 lakhs agricultural labourers are there in the district. In all, 30% of the total population constitutes agricultural labour and cultivators.

The cultivated area of the district is 11.54 Lakh Hects, out of which 9.80 Lakh Hects is under Kharif and 1.50 Lakh Hects is under Rabi Season during the Year 2010-11. The District occupies the lowest position in respect of irrigation facilities with only 12.62% of the gross cropped area

Over the years the cropping pattern in rainfed areas has become more and more specialized in favour of groundnut crop 83% of the Kharif area is under groundnut crop .The Department has promoted Redgram as intercrop in groundnut and 90 % of the groundnut area is covered with Redgram as intercrop .

### Crop wise Area Sown Particulars during Kharif 2010 in the District

Sl. No.	Name of the crop	Normal area	Area Sown
1	Groundnut	752201	813690
2	Redgram	30435	58723
3	Rice	27996	28938
4	Maize	6605	10429
5	Jowar	13695	1121
6	Bajra	1050	2008
7	Ragi	2074	1870
8	Cowgram	928	972
9	Chillies	1859	1780
10	Onion	1344	1590
11	Sunflower	23286	3033
12	Castor	1319	4207
13	Cotton	2386	4287
14	Other crops	44937	47213

## AGRICULTURE DEPARTMENT ACTIVITIES TAKEN UP DURING 2010-11

### RYTHU CHAITANYA YATRA

Village level farmers training programme were conducted in 2518 habitations from May 17<sup>th</sup> to 2<sup>nd</sup> June 2010 duly focusing on transfer of technology, educating 290737 farmers with help of Models and live demonstrations by Mandal level Team of Agriculture and Allied department officers & Scientists.

### RYTHU SADASSULU:

The Rythu Chaitanya Yatras were culminated into Rythu Sadassulu (Agri Exhibitions) which were organized at Revenue Division level from 12<sup>th</sup> to 15<sup>th</sup> June 2010 at Anantapur, Dharmavaram & Kadiri with focus on new technology, farm mechanization in Agriculture and allied fields and make its goals clear to the farmers so that they can learn new technology for adopting during the ensuring Kharif season. Agriculture and allied departments exhibited the new concepts, technology and modern agricultural equipments

### SOIL TESTING:

During the 2010-11 against the target of 16000 soil samples 20226 samples were collected and analyzed in the Soil testing Laboratory at Anantapur and the Soil test based fertilizer recommendations will be given to farmers through Soil Health Cards and the information is available in the Website [www.ieg.gov.in/soilhealth](http://www.ieg.gov.in/soilhealth) (or) [www.agriapr.ap.nic.in](http://www.agriapr.ap.nic.in)

### SEED SUPPLY PLAN 2010-11

Seed cost is quite high in case of groundnut due to which the loss of investment associated with failures is quite enormous. Successive crop failures have broken the seed production chains and the for groundnut seed the farming community is dependent on Department supply. Shortage of quality Groundnut seed continues to be one of the major constraints keeping in view the past experience and specific circumstances prevailing in Anantapur district, under the leadership & guidance of District Collector the guidelines were framed and the herculean task of timely and quality Groundnut seed distribution was successfully completed during Kharif 2010 involving Revenue, Police & other line departments

Seed Distribution during Kharif 2010						
Sno	Crop	Unit	ALLOTMENT		ACHIVEMENT	
			Phy	Fin in Lakhs	Phy	Fin in Lakhs
a	Groundnut	Qtls	550,000	6392	510550	5871
b	Redgram	Qtls	11720	363	9985.68	309.5
c	Castor	Qtls	300	7.5	102.84	2.57
d	Maize	Qtls	3000	75	1001.56	25.04
e	Soya bean	Qtls	1000	13.25	1000	13.25

### SEED VILLAGE SCHEME

This programme ensures supply of quality certified seed of high yielding notified varieties to the farmers in time at their places at affordable prices besides ensuring quick multiplication of new seed varieties in a short time in that Mandal / District based on crop situation

	Crop	Unit	ALLOTMENT		ACHIVEMENT
a	Groundnut	Qtls	15000	402	10975.5 Qtls
			K-6-8517	Narayani-475.2	TMV-2- 1440.3
b	Paddy (BPT -5204)	Qtls	150	4.5	105 Qtls
c	Redgram (LRG-41)	Qtls	50	12.75	-38.2 Qtls

## Polambadi

To reduce the cost of cultivation and increase the productivity duly empowering the farmers to take up economical decisions by adopting practices of Integrated Crop Management **132** Polambadi programmes are being implemented during Kharif 2010 in all the Mandals

## Farm Mechanization

The District is on the threshold of witnessing a revolution in the adoption of agricultural machinery due to increased migration of rural workers to urban areas and increasing cost of farm labour. The department is supplying Farm implements, PP equipment & Post Harvest equipment on 50% subsidy limited to 30000/- with an objective to increase in efficiency and timeliness of farm operations, reduction in cost of cultivation, improvement in the quality of produce for better marketability, efficient utilization of inputs & reduction in drudgery.

.SN o	Scheme	Unit	ALLOTMENT		ACHIVEMENT	
			Phy	Fin in Lakhs	Phy	Fin in Lakhs
1	Farm Mechanization (Regular)	No's	4395	235.75	1595	174
2	RKVY Custom hiring centers.	No's	57	285	In Progress DD Sc & ADA Sc are implementing the scheme	
3	<b>RKVY 2010-11</b>					
	High Cost Machinery	No's	7	70	In Progress	
	Medium Cost Machinery	No's	75	112.45		

## Integrated Nutrient Management (INM)

Modern agriculture is input intensive. The excessive use of inorganic chemical fertilizers to increase the yields and indiscriminate use of agro-chemicals for pest and diseases management over a period of years has led to the deterioration of the soil health. INM envisages the balanced usage of organic (Green Manure and promotion of organic farming) and inorganic inputs towards achieving the goal of sustainable agriculture with an aim to increase the productivity of crops by correcting the nutritional deficiencies.

S N o	Scheme	Unit	ALLOTMENT		ACHIVEMENT	
			Phy	Fin in Lakhs	Phy	Fin in Lakhs
1	Green Mannure Seed (Daincha)	Qtls	430	10.42	395.3	9.586
	<b>Vermi Compost</b>					
a	Big Units	No's	74	14.8	20	4.0
b	Hatcheries	No's	8	6.0	4	3.0

## ISOPOM OILSEEDS:

The ISOPOM is providing programme support for increasing production and productivity of Oilseed crops, Pulses, Oil palm and Maize. The scheme is implemented with the main objective to harness the best of production & productivity, processing and post harvest management technologies to accelerate self-reliance on Oilseeds, Pulses and Maize. Under ISOPOM 2260 no's of water Carrying Pipes worth 339 lakhs, 250 no's of Sprinklers worth 18.75 lakhs, 200 no's of Power Operated Implements worth 30.00 lakhs, 320 no's of Bullock Drawn Implements worth 8.00 lakhs, & PP Chemicals and Weedicides worth 20 lakhs are allotted and are being implemented during the year 2010-11.

## ATMA:

Under Agriculture Technology Management Agency Field Demonstrations, Exposure visits and Trainings to farmers are proposed during 2010-11 with a financial outlay of Rs 373 lakhs duly involving Agriculture and allied departments

**NFSM:**

IPM demonstrations will be organized in an extent of 576 Ha Under NFSM during the year 2010-11 in all the Mandals of the district 236 No's of farm implements & PP Equipment worth 15 lakhs subsidy and 106 units of sprinkler sets & 33 Water carrying pipes on 50% subsidy worth 20 lakhs subsidy under the scheme.

**SRI**

SRI Cultivation increase rice yield by 20 to 40% over conventional method of cultivation besides water saving. SRI was taken up in 2369 Hac in the district during 2010-11 under tanks and tube wells

**ACCELERATED PULSE PRODUCTION PROGRAMME:**

Accelerated Pulse Production Programme was organised in Four blocks of 1000 Hac each (Redgram) in the district during 2010-11 with a financial outlay of 216 Lakhs to increase the area and productivity of pulse crops in the district

**CREDIT PLAN:**

Crop Loans for an amount of Rs 1758 Crores disbursed to 5.91 lakh farmers during Kharif 2010 against the target of 1600 Crores & 34000 new farmers were covered and an amount of 90. Crores was disbursed

**CROP INSURANCE:** The district is selected under village as a unit for Groundnut crop under crop insurance for Kharif 2010,