

Acharya N.G. Ranga Agricultural University
AAS Bulletin for Anantapur district issued by IAAS, ARS, Anantapur

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Past weather: 1. Light to medium rainfall received in all the mandals of Anantapur district except Hindupur, Parigi, Lepakshi, Chilmattur, Tanakal and Amadgur mandals during 3th, and 4th of September.

2. Temperature and RH variation- The maximum and minimum temperatures ranged between 29.6-33.6^oC and 22.0-23.4^oC, respectively. Morning and afternoon relative humidity ranged between 74-80% and 42-60% and Wind speed range from 13.6-17.8 kmph in the past four days. Good rainfall was received in all the mandals of Anantapur ranged from 1.4 mm (Kalyanadurg) to 46.6 mm (D.Hirehal) with average rainfall of 14.8 mm in the district. Therefore sufficient moisture is available for the crop growth.

Weather forecast for next five days for Anantapur district

		05/09	06/09	07/09	08/09	09/09
Rainfall (mm)		1	2	0	0	7
T max (°C)		31	32	32	32	32
T min (°C)		24	24	24	24	24
Total cloud cover (Octa)		8	7	4	7	8
RH (%)	I	85	86	90	92	92
	II	66	67	62	76	88
Wind speed(Kmph)		17	15	11	10	13
Wind direction (deg)		250	240	245	265	280

Agrometeorological advisory for Anantapur district:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Groundnut (early sown)	Vegetative stage- Flowering	1. Leaf miner/ leaf webber 2. Sucking pest	1. Prevailing conditions are favourable for incidence of leafminer/ leaf webber. For controlling L.mimer mass trap with GLM pheromone traps. 2. Chemical control - spray with Chlorpyrifos @2.5 ml + Nuvan @2ml per litre of water.
Groundnut (Kharif)	10-15 days	1.RHC 2.LLS	1. RHC incidence is observed for controlling RHC farming community of that region should adopt community bonafires on evening hours. 2. Make trench around the field. 3. Apply methyl parathion@2%/ endosulphon@4%/ quinalphos@1.5% 1kg/70 cm furrow. 4. Spread poison bait(rice brawn@10kg, jaggary 1kg, thiodicarb@250gm) equally in field during evening times. 5. Prevailing conditions are favourable for incidence of late leaf spot. For controlling LLS, spray Mancozeb @2 gm/ chlorothalonil@2gmhexaconazole@2ml per one lt of water
Jowar	Vegetative stage		1. Top dressing of 30 days Jowar with urea @ 25 Kg per acre is recommended.
Castor	Seedling- Vegetative stage	Semi looper	1. Prevailing conditions are favourable for incidence of semilooper .for controlling semilooper neem oil @ 5ml or phrofenofos @ 2ml, novaluron @ 1ml/ thiodicarb@1.5 gm per one litre of water. 2. Top dressing of 30- 40 days castor with urea @ 25 Kg per acre is

			recommended.
Cotton	Vegetative stage	Sucking pest	1. Prevailing conditions are favourable for incidence of sucking pest incidence. 2. For controlling sucking pest stem painting with Monocrotophos+ water (1:4)/ Imidocloprid + water (1:20) after 20,40and 60 DAS. 3. Top dressing with 36-18-18 NPK for irrigated areas, 16-8-8 NPK for rainfed areas.
Animals-cow	-	Foot and mouth disease	1. Apply potassium permanganate on lesions in the mouth and sulphur treatment is recommended for foot lesions.

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