



Integrated Agromet Advisory Services
India Meteorological Department
Orissa University of Agriculture and Technology
Bhubaneswar -751 003

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Week No. 18

No. 586 (Eng. Bulletin)

Agrometeorologist & Nodal Officer

Dt. 04.05.2012

Bulletin for Cuttack district of East and South-Eastern Coastal Plain Agroclimatic Zone

Thunderstorm along with light rainfall and high wind speed occurred during afternoon in most parts of the districts on 27th April. In some areas hailstorm also occurred. Almost everyday thunderstorm with light rainfall occurs in one or two places. The mean maximum daily temperature was 36.6^oC and mean minimum daily temperature was 27.5^oC of the Cuttack district during the last seven days. **The district** received 8.0 mm rainfall during the last seven days Land preparation for jute sowing is going on. Summer rice is at grain filling to maturity stage. The summer pulses and sesame are at pod to seed development stage. Plant protection of summer non-paddy crops like sunflower, sesame, groundnut, and maize are carried out. Intercultural operations of colocasia and corn is carried out. Planting and Plant protection of marigold and tuberose are carried out. Irrigation and top dressing and plant protection of sugarcane is being carried out. Harvesting of greens (Knada) and leutia is almost completed. Irrigation to all paddy and non paddy crops is being carried out.

Forecast (Up to 09.05.2012)

Given by Met. Centre, IMD, Bhubaneswar

DISTRICT : Cuttack

The district is likely to receive light rain on Friday & Sunday, low rain on Saturday and dry on rest days up to Tuesday. The weather may be sunny to slightly cloudy up to next four days. The wind speed is likely to remain within 7 to 13 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 2^oC on Monday and 1^oC on Tuesday. The daily minimum temperature is likely to increase gradually by 2^oC on Sunday and by 1^oC each on Monday and Tuesday.

Weather parameters/date	05/05	06/05	07/05	08/05	09/05
Rainfall (mm)	5.0	10.5	3.3	.0	.0
Max Temperature (deg C)	37	37	37	39	40
Min Temperature (deg C)	22	22	24	25	26
Total Cloud cover (octa)	1	2	3	0	1
Max Relative Humidity (%)	85	86	88	88	87
Min Relative Humidity (%)	56	54	50	39	38
Wind speed (kmph)	009	004	007	011	013
Wind direction (deg)	98	89	210	191	200
7 days cum. Rainfall (mm) for the period from 05/05 to 11/05 = NA					

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

Agromet Advisory

- Go for summer ploughing to utilize the summer rain occurred in the last week. Cover the vegetable bursery with thached or polythene to protect the seedlings from high temperature. Irrigate both paddy and non-paddy crops to protect from soil moisture deficit. High temperature is favourable for applying Glyphosate, the total killer to control weed in the fallow field in a dry day.
- Go for immediate harvesting of the early planted rice and bring te harvested paddy to the threshing floor or to a safer place.
- Go for harvesting of matured non paddy crops like groundnut and pulses to avoid viviaprou germination.
- Go for planting of vegetables immediately after rain for better utilization of rain.

SUMMER RICE: Early planted rice is at maturity stage. Harvest when 85% of panicles is ripe. Weed out the mixture paddy for seed purpose before harvesting. Drain out water from the field before cutting. Take care for likely rainfall in the week with hailstorm. Take out the harvested paddy to caused threshing floor to avoid rain and high wind speed. Rice is infested with BPH and cutworm at different places. To control BPH, Drain out the water. Allow the sun rays and aeration to the ground surface. Spray 3 ml Imidacloprid or 20 ml Fenobucarb in 10 liter water if it crosses the ETL of 5 insects/hill. High differential temperature between day and night favours the infestation of Blast. Spray 0.6 g Tricyclazole or 1 ml. Ediphosphos in each litre water. Withhold top dressing of Urea for five days after the spraying

VEGETABLES: Fruit and shoot borer in brinjal has been found. To control it install Pheromone trap and spray 4 g Sevin WP or 2 ml Malathion in 1 litre water alternatively. Root rot of pointed gourd. Spray 10 g Plantomycine along with 20 g Blitox 50 in 10 litre water. Fruit fly in cucurbit and bitter gourd. Spray 3 ml Sevin WP in 1 litre water. Thrips in Chilli has been found. Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water/acre. **Spine gourd** For planting of spine gourd during June, go for planting of cut plants in nursery. Cutting is done 1 month after transplanting in nursery. Irrigate the crop for continuous cutting. **Nodal Officer**