



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

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**Agrometeorologist & Nodal Officer**

**Dt. 04.05.2012**

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

Thunderstorm along with medium rainfall and high wind speed up to 80 kmph occurred during afternoon in most parts of the districts on 28<sup>th</sup> afternoon for 10 to 15 minutes. Almost everyday thunderstorm occurs in one or two places. Bhubaneswar received about 85.9 mm rainfall during April. The daily maximum temperature at Bhubaneswar was 0.9<sup>o</sup>C above the normal (36.6<sup>o</sup>C) and the minimum temperature was quite normal (25.0<sup>o</sup>C) during April, 2012. However, during the last seven days at Bhubaneswar the mean daily maximum temperature was 1.8<sup>o</sup>C above the normal (37.3<sup>o</sup>C) and the minimum temperature was 1.0<sup>o</sup>C above the normal (25.5<sup>o</sup>C). The daily maximum temperature at Khurda was 38.4<sup>o</sup>C and the mean daily minimum temperature was 26.7<sup>o</sup>C during the last seven days and the district received 34.9 mm rainfall during the last seven days. 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 09.04.2012)**

**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT : KHURDA**

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 11 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 1<sup>o</sup>C each on Saturday and Monday and 2<sup>o</sup>C on Tuesday. The daily minimum temperature is likely to increase gradually by 2<sup>o</sup>C each on Sunday and Monday.

<b>Weather parameters/Date</b>	<b>05/05</b>	<b>06/05</b>	<b>07/05</b>	<b>08/05</b>	<b>09/05</b>
<b>Rainfall (mm)</b>	3.0	12.6	4.0	.0	.0
<b>Max Temperature (deg C)</b>	37	38	38	39	41
<b>Min Temperature (deg C)</b>	22	22	24	26	26
<b>Total cloud cover (octa)</b>	0	2	3	0	1
<b>Max Relative Humidity (%)</b>	87	88	88	87	87
<b>Min Relative Humidity (%)</b>	50	53	52	37	38
<b>Wind speed (kmph)</b>	007	004	007	011	011
<b>Wind direction (deg)</b>	108	80	212	190	198
<b>7 days cum. Rainfall (mm) for the period from 05/05 to 11/05 = NA</b>					

**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 nursery with thatched or polythene to protect the seedlings from high temperature

**VEGETABLES:** Fruit and shoot borer in brinjal has been found. To control it install Pheromone trap and s Fruit and shoot borer in brinjal pray 4 g Sevin WP or 2 ml Malathion in 1 litre water alternatively. Drying of fruit and stem of brinjal has been found. Spray 2 g Saaf or Sixer or Companion in 1 litre water. 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 Chili has been found. Spray 300 ml Ethion or 400 ml Carbosulphan or Chloropyriphos in 200 litre water/acre. For planting of **Spine gourd** during June. Go for planting of cut plants in nursery. Cutting is done 1 month after sowing for eating Irrigate the crop for continuous cutting.

**GLADIOLUS:** Rhizome harvesting for seed purpose. Harvest the rhizomes after drying the plants. Treat the rhizomes in 0.2 % Bavistin. Dry the treated rhizomes in shade. After 1 week of curing, rhizomes are kept in cloth bag or gunny bags and the bags with rhizomes are kept in the cold storage or can be kept in refrigerator if small amount.

**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 rainfall is likely to occur in the week with hailstorm. Take out the harvested paddy to caused threshing floor to avoid rain and high wind speed.

**Nodal Officer**

**NB: For other crops, see the advisory of Cuttack, Kendrapada, Jagatsinghpur, Nayagarh and Ganjam districts of the ACZ**