



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Odisha University of Agriculture and Technology**  
**Bhubaneswar -751 003**

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**District - Puri (East and South-Eastern Coastal Plain Agroclimatic Zone)**

The mean maximum daily temperature was 30.6 °C and mean minimum daily temperature was 20.0°C of the Puri district during the last week. The district received no rainfall during the last week. Transplanting of summer paddy is going on. Harvesting and planting of sugarcane is under progress. Sowing of Rabi crops like Cereals, Pulses, Oil seeds, Vegetables and Spices are under progress. Overall crop condition is normal.

**Forecast (Up to 08.02.2023)**

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

**District: Puri** - As per IMD forecast, the district is likely to dry till Wednesday with clear to mainly clear sky. The wind speed is likely to remain within 10-14 km/h. The maximum temperature is likely to remain between 30-31°C and minimum temperature will likely to remain between 17-19°C till Wednesday.

DISTRICT	PURI				
Date	04/02/2023	05/02/2023	06/02/2023	07/02/2023	08/02/2023
Rainfall (mm)	0	0	0	0	0
T-MAX (C )	30	30	31	31	31
T-MIN (C )	17	18	18	19	19
Cloud Cover	2	1	1	0	0
Rh Max (%)	68	72	73	73	79
Rh Min (%)	30	38	43	48	39
Wind speed (kmph)	10	10	10	14	14
Wind Direction (deg)	112	169	162	210	202

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

**Agromet Advisory**

- ❖ Complete the transplanting of 3-5 week old seedlings in well puddled soil at a spacing of 15cm × 15cm with 3-4 seedlings per hill at shallow depth.
- ❖ In bacterial blight endemic areas, dip the seedling roots in 0.1% (1g in one litre of water) Plantomycin solution before transplanting for 30 minutes.
- ❖ Seedling treatment with 0.2% Chloropyrifos for 10-12 hours to control stemborer in the main field if granular insecticides have not been applied previously in the nursery.
- ❖ Apply (DAP 44 kg + MOP 22 kg) or (Urea 22 kg + SSP 125 kg + MOP 22 kg) as basal dose during final puddling.
- ❖ Farmers those have already completed transplanting, apply granular herbicide Bensulfuron-methyl + Pretilachlor @ 4kg/ acre at 5-8 days after transplanting.
- ❖ Farmers are advised to irrigate their field as there is mildly dry condition prevailed.
- ❖ In just transplanted field put 3 pheromone traps with 5mg lure/acre in the rice field for monitoring of the yellow stem borer and leaf folder.
- ❖ Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

**PADDY (Summer):**

Use pre-emergence herbicide Pretilachlor 37% EW @ 600-700 ml/acre or Oxadiargyl 80%W. P @ 40-gm/acre or Pyrazosulfuron Ethyl 10% W.P @ 80-gm/acre at 1-3 DAT. Spray the herbicide by mixing it in 200 litres of water per acre or mix the herbicide with 20 kg of sand and broadcast it uniformly. Always use flat-fan or flood-jet nozzle and clean water for herbicide spraying.

**BLACK GRAM & GREEN GRAM:**

To control aphids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. Then spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml/acre by mixing in 200 litres of water.

**GROUNDNUT:** For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm @ 200 liter of water per acre.

**POTATO:** To control cut worm in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Cut Worm pest are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.

**COLE CROPS:** There are chances of Alternaria leaf spot disease incidence in Cole crops due to current cloudy weather condition. To control this disease in Cole crops spray Mancozeb 75 % WP @ 600-gram/acre or carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre by mixing in 200-litre of water.

**ONION:** To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval. Add a spreader or sticker for retention and spread of spray fluid on erect leaves of onion.

**MANGO:** Due to cloudy weather there are chances of infestation of sucking pest like Mango Hoppers in Mango plant. To control mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3 ml/15litre of water or Acetamiprid 20% S.P. @ 4gram /15litre of water. First spray should be done at the time of panicle emergence and second spray two weeks after first spray. Application of smoke below the plants can also help in reducing the pest population.

**ANIMAL HUSBANDRY:**

For countering Foot and mouth diseases of cattle, care should be taken for FMD vaccination once in a year.

**POULTRY:** Sleeping disease of poultry has been found. Vaccinate the chicks with Lasota at 7 days and with IBD vaccines within 13-15 days.

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**NODAL OFFICER**