



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

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Nodal Officer

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

The mean maximum daily temperature was 28.4°C and mean minimum daily temperature was 19.3°C of the Puri district during the last week. The district received no rainfall during the last seven days. Transplanting of summer paddy is under progress. Sowing of summer pulses, oilseed and vegetables are in progress. Mustard, Til and Groundnut are in flowering to pod formation stage. Planting of Sugarcane is under progress. Crop coverage till date is 83% of the total programme area. Overall crop condition is Normal.

Forecast (Up to 21.02.2024)
Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: PURI – As per the forecast received from IMD, dry weather may prevail over the district for the next five days. The sky condition may remain clear to mainly clear for the next five days. In the next 5 days, the wind speed will remain within 10-26 km/h. The daily maximum and minimum temperature are likely to remain 31-33°C and 20-23°C respectively for next five days.

DISTRICT	PURI				
	17/02/2024	18/02/2024	19/02/2024	20/02/2024	21/02/2024
Date					
Rainfall (mm)	0	0	0	0	0
T-MAX (C)	31	31	32	32	33
T-MIN (C)	20	21	21	22	23
Cloud Cover	0	0	0	0	1
Rh Max (%)	76	81	88	84	74
Rh Min (%)	47	50	59	65	58
Wind speed (kmph)	10	13	18	23	26
Wind Direction (deg)	158	201	202	202	202

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

Agromet Advisory

- ❖ Always use flat-fan or flood-jet nozzle and clean water for herbicide spraying. Drain out excess water from paddy field before herbicide application and irrigate the field after two days of application of herbicide.
- ❖ Increased difference between daily maximum and minimum temperature favours the infestation of blast in main field as well as nursery. Apply botanicals like bael @ 25g/ltr or tulsii @ 25 g/ltr (grounded paste) at 7-10 days interval.
- ❖ In-case of Leaf blast infestation, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 80 g/acre or Isoprothiolane 40EC @ 300 ml/acre in 200 litres of water. Repeat the spray at 7-10 days' interval.
- ❖ If infestation of Thrips is noticed in rice, spray Azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre or Lambda-cyhalothrin 5 % EC @ 200 ml/acre or Thiamethoxam 25 % WG @ 40g /acre.
- ❖ Collect setts from the whole cane of a 6–8-month-old plant crop free from diseases and insect pests. Select the upper 1/3rd of cane if seeds are collected from 8-12-month-old crop for better sprouting. Do not use seeds of ratoon crops.
- ❖ Sugarcane Sett treatment is a necessary procedure before planting. For seed treatment, soak the setts for 30 minutes in a solution of 100 lit of water containing 150-g of carbendazim 50 WP.
- ❖ Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.
- ❖ The seed rate for HYV okra is 4 kg/acre. For HYV apply 26-kg of DAP, 20-kg of MOP and 10-kg of Urea as basal fertilizer by maintaining row to row and plant to spacing at 30 cm.

PADDY (Summer): Fertilizer Application (Active Tilling)- Farmers those who have already transplanted should apply 35 kg Urea per acre at 3 weeks after transplanting at active tillering stage for high yielding paddy varieties.

Yellow Stem Borer management

To manage stem borer in paddy at early stage of crop, apply Cartap Hydrochloride 4 % G (@ 8-kg/acre or Fipronil 0.3 % GR @ 10-kg/acre or Chlorantraniliprole 0.4 % GR @ 4-kg/acre or Imidacloprid 0.3% GR @ 6-kg/acre by mixing it with sand at 1:1 ratio.

SUGARCANE Sett Rot management

To manage sett rot disease after planting basal drenching with Carbendazim 12% + Mancozeb 63% @ 400-gram/acre or foliar spray with Metalaxyl 8% + Mancozeb 64% WP @ 400-gram/acre by mixing in 200-litre of water.

GROUNDNUT: Stem rot management

To manage stem rot in groundnut drench soil with Validamycin 3% L @ 400-ml/acre or Captan 70 % + Hexaconazole 5 % WP@ 300-gram/acre.

ONION:

Purple Blotch and Stemphylium leaf blight

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.

TOMATO & BRINJAL: Whiteflies

To manage whiteflies pest in Tomato and Brinjal crop, use yellow sticky traps @ 8-10/acre to attract and kill the insects. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. To manage this pest chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Pyriproxifen 10% EC @ 200-ml/acre or Spiromesifen 22.9% SC @ 250-ml/acre by mixing in 200- litre of water.

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

PRINCIPAL NODAL OFFICER

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.

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