



Gramin Krishi Mausam Sewa
India Meteorological Department
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Bhubaneswar -751 003

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Nodal Officer

Week No.03

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

The mean maximum daily temperature was 28°C and mean minimum daily temperature was 19.42°C of the Puri district during the last week. The district received 2.3 mm rainfall during the last seven days. Raising of nursery bed and land preparation for rabi paddy is going on. Harvesting and planting of Sugarcane is under progress. Sowing of Rabi crops like Cereals, Pulses, Oilseeds, Vegetables and Spices are under progress. Crop coverage up to the end of this week is 48%. Overall crop condition is Normal.

Forecast (Up to 24.01.2024)
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 partly cloudy to generally cloudy for the next five days. In the next 5 days, the wind speed will remain within 08-16 km/h. The daily maximum and minimum temperature are likely to remain 28-29°C and 19-21°C for next five days.

DISTRICT	PURI				
	20/01/2024	21/01/2024	22/01/2024	23/01/2024	24/01/2024
Date					
Rainfall (mm)	0	0	0	0	0
T-MAX (C)	28	28	29	28	28
T-MIN (C)	19	19	20	21	21
Cloud Cover	4	5	3	3	4
Rh Max (%)	81	80	84	81	81
Rh Min (%)	62	62	66	70	67
Wind speed (kmph)	8	11	14	12	16
Wind Direction (deg)	158	153	193	161	162

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

Agromet Advisory

- ❖ Farmers are advised to prepare nursery bed and treat the paddy seeds with Carbendazim 50% W.P @ 1.5 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g /1 kg of seeds before sowing in the nursery.
- ❖ Mulch vegetable seedling with straw or other mulching material to avoid cold injury.
- ❖ In view of prevailing low temperature, Provide light irrigation to standing vegetables and crops during morning hours.
- ❖ Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress.
- ❖ Maintain saturated condition in the surface soil of nursery bed by applying irrigation in furrow, for proper establishment and early growth of Rice seedlings.
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- ❖ Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings.
- ❖ It is optimum time for sesame sowing. Grow improved varieties like Uma, Usha, Kalika, Nirmala, Prachi and Amrit. Use 2 to 2.5 kg seeds/ acre. To control seedling rot, seeds should be treated with 2 g Bavistin or 3 g Thiram/kg of seeds. Apply 8 cartload of FYM/acre during final land preparation. Apply 50% N and all P, K and S of recommended dose. Go for line sowing Because of small seed size, the seeds should be mixed with dry sand or soil or saw dust for uniform sowing and less seed requirement.
- ❖ Use pre-emergence herbicides like Atrazine 50 % WP @ 800-gram/acre or Metribuzin 70% Wp @ 400-500-gram/acre within 3 days after planting to control weeds in Sugarcane.
- ❖ Sunflower crop is at 25-30 days stage. Go for hoeing and weeding and thinning and apply N -fertilizer.

PADDY (Summer): Nursery Management

Prepare the wet nursery seed beds for paddy. Irrigate the nursery field and puddle it 2-3 times followed by planking. Apply 200 kg of FYM, 4 kg of DAP, 2.5 kg of MOP and 1 kg of Zinc sulphate during last puddling. Divide nursery area into smaller plots of convenient length. Irrigation channels of size 30 cm in width should be made along the beds for irrigation/drainage purpose. Sprouted Seeds should be sown @ 40-50 g / m² area of seed bed by line sowing with 5 cm gap between each line.

Seed treatment-Treat the paddy seeds with Carbendazim 50% W.P @ 1.5 g/1kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3 g /1 kg of seeds before sowing in the nursery.

SUGARCANE: To prevent red rot disease, resistant varieties like CO-7219, CO-8371, CO-8013, CO-8014, CO-6907, CO-7601 and CO- 7602 should be selected. Soak the setts for 30 minutes in a solution of 100 lit of water containing 150 g of carbendazim 50 WP, 200- ml of chlorpyrifos 20 % EC and 1 kg urea. Do not add chlorpyrifos if soil drenching is adopted.

COLE CROPS: Dimond Back Moth and Head Borer management

There are chances of infestation of Dimond Back Moth and Head Borer in Cauliflower and Cabbage crops. Collect and destroy the caterpillars and egg masses in the early stages of pest attack. Spray Neem based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre by mixing in 200-litre of water. To manage these pests chemically spray Tolfeprpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Chlorfenapyr 10 % SC @ 400-ml/acre or Spinosad 45 % SC @ 75-ml/acre by mixing in 200- litre of water.

POTATO: Go for hoeing and hand weeding in Potato after 3 weeks of first earthing up. Apply again 26 Kg of Urea and 20 Kg of MOP in line on both side the plants and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 400 ml/acre for control of cut worm and leaf eating insect.

ROSE: To control thrips in rose, spray Fenproximate 5% EC @ 2 ml or Abamectin @ 1 ml per litre of water.

PRINCIPAL NODAL OFFICER

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