



Gramin Krishi Mausam Sewa
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Mahisapat, Dhenkanal- 759 013



Deepanjali Dugal,
Jr. Agrometeorologist

Week No.52

Bulletin No.104
Dt. 29.12.2023
(FRIDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (23.12.2023 to 29.12.2023)

Rainfall (mm)	0.0
Maximum Temperature (°C)	27.4-29.7
Minimum Temperature (°C)	12.7-16.0

Forecast (Up to 03.01.2024) given by Met. Centre, IMD, Bhubaneswar

Date	Rainfall (mm)	T-MAX (°C)	T-MIN (°C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
30-12-2023	0	28	15	0	82	32	5	112
31-12-2023	0	28	15	0	80	30	5	124
01-01-2024	0	29	15	0	79	29	5	117
02-01-2024	0	28	16	0	81	28	4	158
03-01-2024	0	28	16	3	83	28	5	146

As per IMD forecast, the Dhenkanal district is likely to dry for the next five days with clear to partly cloudy sky. The wind speed is likely to remain 04-05 km/h. The maximum temperature is likely to remain between 28-29°C and minimum temperature between 15-16°C. The maximum RH will remain between 79% to 83% and minimum RH between 28% to 32% for the next five days.

Agromet Advisory

- ❖ Use polythene to cover the paddy nursery at night-time.
- ❖ Apply light irrigation preferably bore well water to the paddy nursery area in the evening to maintain the soil temperature favourable for seedling growth.
- ❖ Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress.
- ❖ Early planted potato crop is at 3 week stage. Go for hoeing and weeding and apply the rest 30-45 Kg N/acre.

PADDY: Farmers those are going for Wet direct sown rice cultivation should apply 35 kg DAP, 27 kg Potash and 8 kg Urea per acre during last puddling. For sandy soil apply 35 kg DAP, 15 kg Potash and 8 kg Urea per acre during last puddling. In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years.

GROUNDNUT: To control leaf miner, spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1 litre /acre during primary stage of infestation. Spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

BLACKGRAM AND GREENGRAM: Present weather condition is favourable for the incidence of yellow mosaic virus which is caused by the vector white fly. To control go for spraying of triazophos @ 400 ml/acre or Acetamipride @ 40 g per acre.

MANGO: Wrapping of plastic sheets around mango trunk should be done for preventing climbing of young mealy bugs. Apply grease to seal any cracks in the polythene sheets.

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.

CABBAGE: Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in Cabbage. To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre in 200 lit water.

CORIANDER: Weather is favourable for Coriander sowing. Grow high yielding varieties like CO-1, CO-2, CO-3, Swati, Sadhana, Ram Selection and Udi. Use 6 kg seeds/acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram/kg of seeds. Soak the seeds overnight for 10 to 12 hours for better germination. Apply 1 ton FYM along with 4:16 kg NP per acre as basal during final land preparation. Sow the seeds in lines with 30 X 8 cm.

ANIMAL HUSBANDRY: Don't feed wet or water soaked straw to cattle. Before feeding dry it well under Sun. In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Approved by Associate Director of Research
RRTTS, Mahisapat, Dhenkanal

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.