



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
Mahisapat, Dhenkanal- 759013



Deepanjali Dugal,
Jr. Agrometeorologist

Week No.-33

Bulletin No.65
Dt. 19.08.2025
(TUESDAY)

DISTRICT: DHENKANAL (Mid-central Table Land Zone)

Weather condition during last week (13.08.2025 to 19.08.2025)

Rainfall (mm)	190.5
Maximum Temperature (°C)	29.2-35.9
Minimum Temperature (°C)	24.9-26.4

Forecast (Up to 24.08.2025) 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)
20-08-2025	8	31	25	7	94	73	7	84
21-08-2025	13	32	25	8	91	65	2	292
22-08-2025	17	32	25	8	90	68	5	262
23-08-2025	15	32	26	8	92	73	8	257
24-08-2025	5	32	26	8	91	79	7	256

Weather Summary:

According to the IMD forecast, Dhenkanal district is likely to receive light to moderate rainfall for the next 5 days. The sky is expected to be generally cloudy to overcast. Wind speeds are anticipated to 02-08 km/h. Maximum and minimum temperatures will be between 31-32°C and 25-26°C respectively. Maximum relative humidity is predicted to be between 90% to 94% and minimum relative humidity ranging from 65% to 79% during this period.

YELLOW WARNING:- (BE AWARE)

Heavy rain and Thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph very likely to occur at one or two places over the district of Dhenkanal on 20th August. Thunderstorm with lightning with gusty surface wind speed reaching 30-40 kmph very likely to occur at one or two places over the district of Dhenkanal on 22nd -24th August.

EXTENDED RANGE FORECAST FOR THE NEXT WEEK:

Week 2 (15th August 2025 to 21st August 2025)

Scattered to fairly widespread rain/thundershower is very likely over districts of Odisha with Light to moderate rainfall with isolated heavy rainfall is very likely over the state of Odisha.

There is low to moderate probability of cyclogenesis likely in land regions over East India.

Agromet Advisory

General Advisory:

- ❖ Keeping in view of light to moderate rainfall forecast, postpone application of fertilizer and pesticide in different standing crops for time being.
- ❖ Maintain 2-3 cm standing water during tillering stage in paddy.
- ❖ There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different vegetable crops. To manage these diseases, spray (Metalaxyl+ Mancozeb) @ 2 g/L of water or (Carbendazim+ Mancozeb) @ 2 g/L of water along with Plantomycin @ 1 g/L of water.

Crop	Stage	Crop and Livestock specific Advisory
PADDY	Active Tillering stage	<ul style="list-style-type: none"> Due to cloudy weather there is a chance of leaf folder and case worm infestation. To manage this pests in paddy spray Fipronil 5% SC @ 400-ml/acre or Profenophos 50% EC @ 400-ml/acre or Chlorantraniliprole 18.5% SC @ 60-ml /acre.
MAIZE	Knee high stage	<ul style="list-style-type: none"> To manage Maydis Leaf Blight disease spray Mancozeb 75 % WP @ 400g/L or Zineb 75 % WP @ @ 400g/Lor Carbendazim 12 % + Mancozeb 63 % WP @ 400g/L.
SUGARCANE	Vegetative stage	<ul style="list-style-type: none"> Now the weather is congenial for Red Rot disease in Sugarcane, To manage this, spray Carbendazim 12%+ Mancozeb 63% WP @ 400-gram/acre or Metalaxyl 8% + Mancozeb 64% @ 400-gram/acre by mixing it in 200-litre of water.
RED GRAM	Vegetative stage	<ul style="list-style-type: none"> To manage leaf Webber in Red gram spray Chlorpyriphos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Profenophos 50 % EC @ 400-ml/acre.
GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> To manage Leaf Miner, Aphids and Thrips at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM) @ 600ml/acre by mixing in 200litre of water. To manage these pests chemically spray Thiamethoxam 25 % WG @ 40-g /acre or Emamectin Benzoate 5 % SG @ 80- g/acre by mixing in 200 litre of water.
VEGETABLES (Brinjal, Tomato and Chilli)	Sowing to vegetative	<ul style="list-style-type: none"> To control Bacterial wilt in Brinjal, Tomato and Chilli, First of all select bacterial wilt resistant variety for cultivation. Cultivate pulses, oilseeds, marigold etc. in the same field instead cultivating brinjal, tomato, chilli repeatedly. Drenching the soil with Plantomycin @ 15 g with Copper Oxychloride @ 30 g/ 10 liters of water.
CUCURBITS: (Pumpkin, Cucumber, Bitter gourd and Ridge gurd)	Flowering and Fruiting	<ul style="list-style-type: none"> To manage Fruit fly in cucurbits, prepare a poison bait by mixing 200-gram Jaggery, 4 ripen banana and 2ml Imidachloprid in 4-litre of water. Keep this mixture in Plastic cups or clay pots @ 8-nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits. In extreme case, for chemical control spray Spinosad @ 2.5ml/10 lit.
CATTLES		<ul style="list-style-type: none"> Arrange dry fodder to balance the shortage of green fodder during heavy rainfall period. Feeds and fed ingredients are to be stored in dry place with proper platform and free from rain and moisture. Ticks and Flies multiplied rapidly during rainy season. Ticks suck blood from cattle and induce anemic and death. Ticks harbor, multiply and spread of haemoprotozoan diseases. Fly is also induces nuisance, irritation, humpsore and cases educes production and reproduction performances. Animal farms should be disinfected regularly with the use of suitable disinfectant.
GOAT		<ul style="list-style-type: none"> During the rainy season Contagious Caprine Pleuropneumonia(CCP) disease may appear due to wetting of goat in rain and dirty goat shed. To prevent this disease, don't let the goat graze during rainy hours. Keep the shed house clean and dry. After consulting with the nearest veterinary doctor, vaccination should be done against this disease.

Approved by ADR cum Nodal Officer
GKMS-AMFU, 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.

**Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>),
(iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)**