



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
 Orissa University of Agriculture & Technology,
 Bhubaneswar



Agromet Advisory Bulletin

Date : 19-12-2023

Weather Forecast of District GANJAM(Odisha) Issued On : 2023-12-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-20	2023-12-21	2023-12-22	2023-12-23	2023-12-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	26.0	26.0	26.0	27.0	27.0
Tmin(°C)	16.0	16.0	15.0	16.0	17.0
RH-I(%)	62	56	64	80	78
RH-II(%)	31	29	28	35	38
Wind Speed(kmph)	7	6	5	6	6
Wind Direction(Degree)	75	288	244	112	116
Cloud Cover(Octa)	1	1	3	2	3

Weather Summary/Alert:

According to the weather forecast received from the India Meteorological Department, the district is likely to be dry in the coming five days with a partly cloudy sky. The wind is likely to remain within 6-7 km/hr. The maximum temperature and minimum temperature will likely to remain between 26-27°C and 15.0-17.0°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely remain between 56-78% and 28-31% respectively for the next five days.

General Advisory:

Provide light irrigation to standing vegetables and crops during morning hours to prevent low-temperature injury and moisture stress. As dry weather is expected in the coming five days, farmers should irrigate the recently sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. Store the harvested rice safe place away from rats. Sun-dry the harvested rice until 14% moisture of grain and store it in gunny bags.

SMS Advisory:

As rain is not expected farmers can provide irrigation to standing crops.

Crop Specific Advisory:

Crop Stage	Crop Specific Advisory
GROUNDNUT	To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically 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.

Horticulture Specific Advisory:

Horticulture Stage	Horticulture Specific Advisory
TOMATO	To avoid late blight infection care must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Avoid excess nitrogen fertilizer and close spacing of plants.
CABBAGE	For the late sown cabbage, spray NSKE 5% after the primordial stage to the diamondback moth, Or spray Cartap Hydrochloride 1 gm/lit at the primordial stage.
MARIGOLD	Powdery mildew may be observed in some places to control apply Sulfex@3gm/lit to effectively control this disease.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Animals should be given a mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during the winter season to meet the energy requirement of the animals.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICK	Keep the shed warm as night temperature is getting down. Provide bulb to heat the room.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Use low-cost polythene covers above the vegetable nursery to avoid poor germination due to low temperatures.