



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



Agromet Advisory Bulletin

Date : 29-12-2023

Weather Forecast of District BALANGIR(Odisha) Issued On : 2023-12-29(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-30	2023-12-31	2024-01-01	2024-01-02	2024-01-03
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	28.0	29.0	29.0	29.0
Tmin(°C)	13.0	13.0	14.0	14.0	14.0
RH-I(%)	64	59	56	57	71
RH-II(%)	31	29	27	27	30
Wind Speed(kmph)	4	4	4	4	4
Wind Direction(Degree)	158	150	199	124	110
Cloud Cover(Octa)	1	0	0	0	3

Weather Summary/Alert:

As per IMD, no rainfall is forecast for upcoming 5 days in the district. The day temperature will be 28-29°C and night temperature will be 13-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-71% and 27-31 % respectively. The wind speed will remain within 4 kmph for upcoming 5 days. There will be mainly clear to partly cloudy sky for next 5 days.

General Advisory:

• Use polythene cover to cover the paddy nursery at night-time. • Cover the recently planted cole crops with paper pockets during night time to avoid low temperature. • Cover young fruit plants with paper pockets /straw / polythene sheets / gunnybags. • To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato spray 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.

SMS Advisory:

Regular surveillance work should be taken up in all crops in order to know the incidence of various disease pests and initiate the control strategies.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	After threshing, paddy grains need to be sun-dried to 14% moisture for consumption purpose and for seed purpose it should be dried to 12% moisture for better self-life. Use 'Super Grain Bag' for safe storage of paddy/rice for

Crop (Stage)	Crop Specific Advisory
	longer period of time or store the harvested paddy in properly bagged and stacked with suitable cover.
PIGEON PEA (RED GRAM/ARHAR)	Harvest the red gram crop when 70-80 % Pods turns brown. Over maturity can cause shattering of seeds which results in lower yield. Harvested plants should be kept in threshing floor for sun drying for 3-6 days depending on season.
MUSTARD	In case of dense planting, one thinning operation should be advised to maintain optimum plant population. Prevailing foggy weather condition is favourable for aphid and mustard sawfly attack in mustard crop so its regular monitoring should be advised.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO	Use yellow sticky traps @ 8-10/acre to attract and kill the whitefly. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. Spray Thiamethoxam 25 % WG @ 40 g/acre or Pyriproxifen 10% EC @ 200 ml/acre or Spiromesifen 22.9% SC @ 250 ml/acre by mixing in 200 litre of water.
CAULIFLOWER	To manage diamond back moth install 6-8 nos of light traps per acre. During primary stage of pest infestation spray neembased pesticide (Azadirachtin) 300 PPM @ 1-litre/acre by mixing in 200-litre of water. To manage this pest chemically spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Emamectin Benzoate 5 % SG @ @80-gram/acre by mixing in 200-litre of water.
POTATO	There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
GOAT	Goat kids suffer from Enterotoxemia if graze dew wet grass in winter morning. By this large number of parasites enter into Kid stomach leading Enterotoxemia causing sudden death. To prevent this kids should not be allowed to graze during early morning in winter season. Kids should be allowed to graze after dew gets dried off.