



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



Agromet Advisory Bulletin

Date : 02-01-2024

Weather Forecast of District BALANGIR(Odisha) Issued On : 2024-01-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-03	2024-01-04	2024-01-05	2024-01-06	2024-01-07
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	27.0	26.0	26.0
Tmin(°C)	15.0	15.0	16.0	16.0	15.0
RH-I(%)	62	61	60	59	70
RH-II(%)	28	25	29	27	25
Wind Speed(kmph)	5	5	6	5	5
Wind Direction(Degree)	150	202	158	112	90
Cloud Cover(Octa)	0	0	0	0	1

Weather Summary/Alert:

As per IMD, no rainfall is forecast for upcoming 5 days in the district. The day temperature will be 26-27°C and night temperature will be 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-70 % and 25-29% respectively. The wind speed will remain within 5 to 6 kmph for upcoming 5 days. There will be mainly clear 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.
MUSTARD	Prevailing foggy weather condition is favourable for aphid and mustard sawfly attack in mustard crop so its regular monitoring should be advised. To monitor and control aphids at early stage, put 8 number of yellowsticky traps per acre and to manage Aphids spray Thiamethoxam 25 % WG@ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly spray Ethofenprox 10 % EC @ 200-ml/acre or Indoxacarb 14.5% SC @20 ml/acre by mixing it in 200 litre of water.

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.

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.