



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



Agromet Advisory Bulletin

Date : 23-02-2024

Weather Forecast of District BALANGIR(Odisha) Issued On : 2024-02-23(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-02-24	2024-02-25	2024-02-26	2024-02-27	2024-02-28
Rainfall(mm)	0.0	0.0	1.0	5.0	3.0
Tmax(°C)	35.0	34.0	34.0	34.0	35.0
Tmin(°C)	17.5	19.0	19.0	19.0	17.7
RH-I(%)	76	64	75	58	62
RH-II(%)	17	24	27	28	18
Wind Speed(kmph)	7	8	9	11	7
Wind Direction(Degree)	112	158	68	124	68
Cloud Cover(Octa)	0	3	8	8	4

Weather Summary/Alert:

As per IMD, light rainfall is forecast for upcoming 3days and dry weather is forecast for other 1st, 2nd day in the district. The day temperature will be 34-35 °C and night temperature will be 17.5-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-76 % and 17-28 % respectively. The wind speed will remain within 7 to 11 kmph for upcoming 5 days. There will be mainly clear to mainly cloudy sky for next 5 days.

General Advisory:

Present weather conditions may increase the infestation of sucking pest like Aphid, mites, thrips. To manage these insects spray Thiomethoxam 25%WG @ 40 gram/acre or Imidacloprid 17.8% SL @ 50 ml/acre by mixing it in 200 litre 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
MAIZE	Crop at reproductive stage. Top dress with 8 kg N/acre and never allow water stagnation for more than 6 hours in the field. Stem borer infestation has been found in maize. To control Stem borer infestation release 20000 egg parasites of Trichogramma chilonis/acre twice at 10 days interval. Fipronil @ 2 ml/litre may be sprayed after 10 days of release of Tricho Card.

Crop (Stage)	Crop Specific Advisory
GREEN GRAM	In green gram/black gram, chances of infestation of leaf eating beetles and black headed caterpillar, are likely to occur. To control them, spray 2ml profenofos 50%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. If infestation of flea beetle occur spray Chlorpyriphos 20% EC + Cypermethrin 5 % EC @ 1 ml. or Chlorpyriphos 20% EC@ 2ml. or Triazophos 40% EC @2 ml per litre. Infestation of aphid and powdery mildew may occur in pulses. Spray 60 ml. of Imidacloprid 17.8% SL per 200 litre water to control aphid and spray 1 ml Tebuconazole 25.9%EC or Penconazole 10EC @ 0.5ml per litre water for controlling Powdery mildew.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL	Leaf eating caterpillar and fruit borer may infest Brinjal. Spray emamectin benzoate 5% SG 80gm mixing in 200lit. of water per acre crop or apply Spinosad 45 SC @ 0.5ml/l.
MANGO	Chances of mango hopper infestation in present situation to control it spray Imidacloprid @ 0.4 ml/ litre of water . Spray Chlorpyriphos 20 E.C @2 ml. / litre on trunk and collar region to manage termite.
LEMON	To manage infestation of Lemon butterfly/Caterpillar in Lemon Spray Profenophos @ 2ml/ litre.