



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



## Agromet Advisory Bulletin

Date : 20-02-2024

Weather Forecast of District BALANGIR(Odisha) Issued On : 2024-02-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-02-21	2024-02-22	2024-02-23	2024-02-24	2024-02-25
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	37.0	37.0	36.0	36.0	35.0
Tmin(°C)	20.0	20.0	21.0	21.0	21.0
RH-I(%)	51	40	40	46	35
RH-II(%)	19	19	16	17	15
Wind Speed(kmph)	10	13	11	10	9
Wind Direction(Degree)	212	279	289	288	252
Cloud Cover(Octa)	2	3	1	1	0

### Weather Summary/Alert:

As per IMD, no rainfall is forecast for upcoming 5 days in the district. The day temperature will be 35-37 °C and night temperature will be 20-21 °C for upcoming 5 days. Maximum and minimum relative humidity will be 35-51 % and 15-19 % respectively. The wind speed will remain within 9 to 13 kmph for upcoming 5 days. There will be mainly clear to partly cloudy sky for next 5 days.

### General Advisory:

No rainfall and dry weather expected during next five days so go for irrigation in crop field as per requirement. 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:

No rainfall and dry weather expected during next five days so go for need based irrigation in crop field as per requirement, weeding & earthing up operations.

### 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
MUSTARD	There are chances of Aphid infestation in mustard crop. To monitor and control aphids at early stage, put 8 number of yellow sticky 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.
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 Chlorpyrifos 20% EC + Cypermethrin 5 % EC @ 1 ml. or Chlorpyrifos 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 Chlorpyrifos 20 E.C @2 ml. / litre on trunk and collar region to manage termite.
MARIGOLD	Leaf Blight: - Spray carbendazim+ mancozeb @1.5 gm/litre or Sulphex 80% wp 4gm for the management of Leaf blight in marigold. Adequate irrigation facilities should be done around the field.