



Gramin Krishi Mausam Sewa
India Meteorological Department
Orissa University of Agriculture and Technology
RRTTS, Chiplima, Sambalpur



No.23 (English Bulletin)

Week no-12

Date: 19.03.2024

West Central Table Land Zone

Balangir

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is a chance of occurrence of light rainfall along with generally cloudy to overcast sky is expected during upcoming two days and thereafter dry weather is prevailed over the district. The maximum and minimum temperature is likely to be ranges between 28-34⁰C and 18-22⁰C respectively during this week. The maximum and minimum relative humidity may vary between 45-81% and 12-23% respectively. The SE/SW/NW wind with a speed of 7-10 km/hr is predicted during upcoming days.

Date	20-03-2024	21-03-2024	22-03-2024	23-03-2024	24-03-2024
Rainfall (mm)	10	2	0	0	0
Max Temperature (° C)	28	28	31	32	34
Min Temperature (° C)	18	18	22	22	19
Total cloud cover (okta)	8	6	0	0	0
Max Relative Humidity (%)	45	49	44	81	81
Min Relative Humidity (%)	23	16	12	22	22
Wind speed (km/h)	10	8	7	9	10
Wind direction (deg)	124	206	210	285	285

For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116

General Advisory

- Looking to the chance of continuation of prevailing rainfall condition for one more day in upcoming week so farmers are advised to stop irrigation, fertilizer application as well as spraying operations during that period. Farmers should make provision to provide adequate drainage facilities in fruit and vegetable field to avoid water logged due to previous and upcoming rainfall events.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Green Gram (Summer)	Vegetative stage	<ul style="list-style-type: none"> To control aphids attack in pulse crop, spraying of imidacloprid @ 0.3 ml or Thiamethoxam @ 0.3 g per liter of water and for yellow mosaic virus (transmitted through white fly) spraying of Acetamiprid 20% SP @ 40 g/acre in 200-250 liters of water should be advised after two days after occurrence of rainfall. Adequate drainage facilities should be provided in green gram field.
Maize	Vegetative stage	<ul style="list-style-type: none"> Looking to the past rainfall event and chance of rainfall along with high gusty surface wind speed is expected within upcoming two days also so farmers are advised to drain out excess water from field and postpone fertilizer application at this stage.
Mango	Mustard/ Pea size fruit	<ul style="list-style-type: none"> To control mango hopper in Mango tree, spraying of insecticides like Acephate (1g/L) or Chloropyriphos (0.5 ml/L) or Thiomethoxam (0.3-0.4 g/L) and for powdery mildew disease, spraying of soluble sulphur (2 g/ L) should be advised under clear weather condition after occurrence of rainfall. To increase fruit size KNO₃ 2% at mustard size fruit stage should be applied. Spraying of Planofix @ 1ml/4.5 liters of water should be advised at Mango with pea size fruit stage to reduce fruit drops.

		<ul style="list-style-type: none"> Farmers shouldn't apply hormone and insecticide at same time. There should be at least one week gap between their applications.
Vegetable crops	Vegetative stage / flowering/ Fruiting	<ul style="list-style-type: none"> Looking to the prevailing rainfall and high wind speed condition, farmers are advised to avoid irrigation as well as spraying operations during that period and make provision for adequate drainage facilities in vegetable field to avoid water logged in field which may leads to root and fruit rot infestation in crop.
Cow/ Buffalo		<ul style="list-style-type: none"> To protect the animal from thunderstorm and lightning, farmers should keep the animals in protected shelter and avoid grazing in open place, keep them away from any electrical instruments, don't make them work during thunder and lightning and also make provision to avoid direct entry of rain water to animal shed.

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IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** (<https://play.google.com/store/apps/details?id=com.aas.meghdoot>) in both English and Odia languages and farmers can also use **DAMINI mobile app** (<https://play.google.com/store/apps/details?id=com.lightening.live.damini>) for thunderstorm and lightning information.

[Occurrence of rainfall along with high wind speed is expected during 2nd half of this week, so withhold spraying operation and keep the harvested produce in safe place should be advised.](#)