



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



No.20 (English Bulletin)

Week no-10

Date: 07.03.2024

West Central Table Land Zone

Bargarh

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is very less chance of occurrence of rainfall in upcoming week along with mainly clear to generally cloudy sky is expected during that period. The maximum and minimum temperature is likely to be ranges between 34-36⁰C and 19-20⁰C respectively during this week. The maximum and minimum relative humidity may vary between 30-48% and 15-23% respectively. The NE/SE wind with a speed of 7-11 km/hr is predicted during upcoming days.

Date	08-03-2024	09-03-2024	10-03-2024	11-03-2024	12-03-2024
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	34	34	35	35	36
Min Temperature (° C)	20	19	19	20	20
Total cloud cover (okta)	5	2	1	1	1
Max Relative Humidity (%)	30	40	48	46	34
Min Relative Humidity (%)	23	16	15	17	17
Wind speed (km/h)	11	11	9	7	7
Wind direction (deg)	45	68	68	101	150

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

General Advisory

- Farmers are advised to start sowing or nursery for cultivation of summer vegetables like cucurbits, okra etc. with proper irrigation system.
- Prevailing weather condition (dry weather along with periodic cloudy) is favourable for increasing the population of different diseases and insects in crop field so its regular monitoring should be advised.
- Animal should be placed in Shade house with adequate ventilation facilities to protect them from increasing temperature.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Rice	DAT/ Tillering	<ul style="list-style-type: none"> • Application of granular herbicide Bensulfuron-methyl @ 4 kg/ acre + Pretilachlor at 5-8 days after transplanting or spraying of Pyrazosulfuron-ethyl 10 WP @ 5 g/10 ltrs of water at 3-5 DAT or Bispyribac sodium @ 120 ml by mixing with 140 liters of water per acre at 10-15 DAT should be advised under clear weather condition. • First top dressing of Urea fertilizer should be advised in rice plant. To control yellow stem borer, spraying of Chlorantraniliprole 18.5% SC @ 0.3ml or Fipronil 5% @ 2.5ml per liter of water should be advised.
Green Gram/ Black Gram (Summer)	Vegetative stage	<ul style="list-style-type: none"> • Current weather condition is favourable for aphids attack in pulse crop so its regular monitoring should be advised. If attack observed, then spraying of imidacloprid @ 0.3 ml or Thiamethoxam @ 0.3 g per liter of water should be advised. • Yellow mosaic virus (transmitted through white fly) attack symptoms is observed in some farmers field so to control this insect spraying of Acetamiprid 20% SP @ 40 g/acre in 200-250 liters of water should be advised under clear sky.
Maize	Vegetative	<ul style="list-style-type: none"> • To control stem borer in Maize field, spraying of Fipronil 5% SC or

	stage	Profenophos 50% EC @ 2ml and for fall army worm, Emamectin Benzoate @ 0.4 g per liter of water should be advised.
Mustard	Harvesting / Drying	<ul style="list-style-type: none"> Farmers are advised to start harvesting operations in mustard field and also store it in safe place after proper sun drying.
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) should be advised. To control powdery mildew disease in mango, spraying of soluble sulphur (2 g/ L) should be advised during clear weather condition. 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.
Tomato and Brinjal	Fruiting	<ul style="list-style-type: none"> To control leaf eating caterpillar and fruit borer/shoot and fruit borer in Tomato and Brinjal, spraying of Emamectin Benzoate @ 0.4 g per liter of water should be advised under clear weather. Early (Alternaria) blight infection is observed in some tomato fields so spraying of Tebuconazole 50% + Trifloxystrobin 25% @ 0.4g per liter water should be advised.
Cow/ Buffalo		<ul style="list-style-type: none"> Vaccination against FMD, HS and BQ should be advised. Farmers are advised to keep the animal shed clean and dry to avoid disease and insect attack and also make provision to provide fresh clean drinking water to the animal along with salt because temperature is expected to be increased in upcoming days.

<p>Ms. Jubuli Sahu Junior Agrometeorologist, GKMS, RRTTS, Chiplima</p>	<p>Dr. Sanjukta Mohapatra ADR cum Nodal Officer RRTTS, Chiplima</p>
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