



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



No.05 (English Bulletin)

Week no-03

Date: 16.01.2024

West Central Table Land Zone

Boudh

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is a chance of occurrence of very light rainfall along with partly clear sky is expected during upcoming 3 days and dry weather but partly cloudy sky is expected in rest 2 days. The maximum and minimum temperature is likely to be ranges between 29-31⁰C and 15-17⁰C respectively during this week. The maximum and minimum relative humidity may vary between 82-95% and 27-44% respectively. The south easterly/southerly wind with a speed of 6-7 km/hr is predicted during upcoming days.

Date	17-01-2024	18-01-2024	19-01-2024	20-01-2024	21-01-2024
Rainfall (mm)	0	0	2	0	0
Max Temperature (° C)	31	31	30	30	29
Min Temperature (°C)	17	16	16	17	15
Total cloud cover (okta)	2	2	2	4	4
Max Relative Humidity (%)	95	86	82	84	82
Min Relative Humidity (%)	33	30	44	31	27
Wind speed (km/h)	6	7	7	6	6
Wind direction (deg)	124	150	135	118	162

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

General Advisory

- As per extended range forecast of IMD, rainfall is normal, maximum and minimum temperature is also expected to be normal for Odisha during 21.01.2024 to 27.01.2024 and there is a chance of occurrence of very light to light rainfall in first half of upcoming week so farmers are advised to avoid any types spraying operations during that period and keep their produce in safe places to avoid the damage due to upcoming adverse weather condition.
- Prevailing weather condition is favourable for Mealy bug, Aphid and other sucking pest infestation in fruit, vegetable and oilseed crops so farmers are advised to make provision to protect their crops from these insects and take proper protective as well as preventive measures accordingly. Farmer should start nursery sowing for summer vegetable cultivation.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Paddy (Rabi)	Nursery sowing and management	<ul style="list-style-type: none"> Seed treatment with Carbendazim (Bavistin) @ 2 g per kg of paddy seed should be advised to the farmers before sowing in the nursery bed. During nursery bed preparation, bed should be treated with any recommended insecticides before sowing of seed. Decrease in minimum temperature is expected in upcoming days so farmers are advised to apply well decomposed FYM on wet bed after sowing of seed to keep it warm and wait two days for irrigation in nursery because light rainfall is expected in some places during first half of upcoming five days.
Mustard	Flowering stage	<ul style="list-style-type: none"> To control aphid and mustard sawfly attack in mustard crop, spraying of Imidachlorprid @ 0.3ml or Thiamethoxam @ 0.3g and Chlorpyriphos @ 0.5-2ml (as per severity of attack) per liter of water respectively should be advised after two to three days of this week.

Groundnut	Sowing/ Vegetative stage	<ul style="list-style-type: none"> Seed treatment with Carbendazim @ 2-2.5 g/kg seed before sowing and with Rhizobium culture @ 20 g per kg of seed at the time of sowing. Spraying of Imazethapyr @ 3 ml/ltr of water should be advised within 15 DAS.
Brinjal, Tomato and Potato	Flowering stage/ Fruiting	<ul style="list-style-type: none"> To control late/early blight infestation in Tomato and Potato, farmers should use Metalaxyl + Mancozeb @ 2.5 g per liter of water as preventive as well as protective measure against this disease. 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 after two to three days when sky is clear.
Cole crops	Curd/Head formation	<ul style="list-style-type: none"> To control Diamond Back Moth in Cauliflower spraying of Spinosad 45 SC @ 0.5 ml or Fipronil 5% SC @ 2ml per liter of water should be advised under clear weather condition. If possible, use pheromone trap to control this insects.
Animal Husbandry (Cow and Buffalo)		<ul style="list-style-type: none"> Farmers are advised to keep the animal shed clean and dry to avoid disease and insect attack and also provide mineral mixture, jaggery etc. along with fresh clean drinking water to the animal and make proper provision (if possible use jute/gunny bags to cover the animal as well as animal shed and straw as bedding material) to protect the animal from cold because decrease in minimum temperature is expected during this week.
Poultry		<ul style="list-style-type: none"> In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

Ms. Jubuli Sahu Junior Agrometeorologist, GKMS, RRTTS, Chiplima	Dr. Sanjukta Mohapatra ADR & Nodal Officer RRTTS, Chiplima
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