



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



No.09 (English Bulletin)

Week no-05

Date: 30.01.2024

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 along with partly clear to generally cloudy sky is expected during upcoming week. The maximum and minimum temperature is likely to be ranges between 25-26^oC and 10-12^oC respectively during this week. The maximum and minimum relative humidity may vary between 29-51% and 15-25% respectively. The south westerly/ north westerly/ westerly wind with a speed of 6-9 km/hr is predicted during upcoming days.

| Date | 31-01-2024 | 01-02-2024 | 02-02-2024 | 03-02-2024 | 04-02-2024 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (° C) | 26 | 26 | 25 | 25 | 26 |
| Min Temperature (° C) | 11 | 12 | 10 | 10 | 12 |
| Total cloud cover (okta) | 4 | 5 | 4 | 0 | 0 |
| Max Relative Humidity (%) | 41 | 51 | 50 | 42 | 29 |
| Min Relative Humidity (%) | 19 | 24 | 25 | 20 | 15 |
| Wind speed (km/h) | 6 | 7 | 9 | 10 | 7 |
| Wind direction (deg) | 169 | 195 | 248 | 302 | 304 |

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

General Advisory

- As per extended range forecast of IMD, rainfall is below normal, maximum and minimum temperature is expected to be normal for Odisha during 04.02.2024 to 10.02.2024 and the minimum (night) temperature is likely to be increased by 2-3 deg. cent. in upcoming days so looking to the dry weather condition along with increase in minimum temperature in upcoming week farmers are advised to make provision to irrigate their crop as per requirement as well as start sowing (nursery) for summer vegetable cultivation. Spraying operations should be done when sky is clear because foggy condition in morning hours along with partly cloudy is expected in 1st half of this week.

Crop and livestock Specific Agromet Advisory

| Name of the crop | Crop Stage | Agromet Advisories |
|--------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paddy (Rabi) | Nursery management/ Transplanting | <ul style="list-style-type: none"> Farmers are advised to complete the nursery sowing of some of the recommended rice varieties (rabi season) i.e. Swarna, 1001, MTU-1156 etc. by the end of this month and also start transplanting of 21-25 days old seedlings in already prepared field. |
| Mustard | Flowering stage/ Pod formation (Siliqua) | <ul style="list-style-type: none"> To control aphid and mustard sawfly attack in mustard crop, spraying of Imidachlorprid @ 0.3 ml or Thiamethoxam @ 0.3 g and Chlorpyrifos @ 2 ml per liter of water respectively should be advised under clear weather condition. |
| Groundnut | Vegetative stage | <ul style="list-style-type: none"> Spraying of Imazethapyr @ 3 ml/ltr of water should be advised within 15 days old crop. |
| Tomato, Brinjal, Chilli | Flowering stage/ 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 condition. |
| Tomato | Sowing / Vegetative | <ul style="list-style-type: none"> Farmers should start sowing of tomato seed for summer cultivation in nursery bed because prevailing temperature suitable for germination of seed. One hoeing and weeding operation should be advised in case |

| | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | of crop having vegetative growth stage. |
| 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 in their daily ration 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. |

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