



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



No.14 (English Bulletin)

Week no-07

Date: 16.02.2024

West Central Table Land Zone

Jharsuguda

According to medium range weather forecast of IMD, MC, Bhubaneswar, there is no chance of occurrence of rainfall in upcoming days along with clear to partly clear sky is expected during this week. The maximum and minimum temperature is likely to be ranges between 34-35°C and 16-19°C respectively during this week. The maximum and minimum relative humidity may vary between 36-46% and 19-25% respectively. The NE/ E/ SW wind with a speed of 7-13 km/hr is predicted during upcoming days.

Date	17-02-2024	18-02-2024	19-02-2024	20-02-2024	21-02-2024
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	34	34	34	35	35
Min Temperature (° C)	17	16	17	18	19
Total cloud cover (okta)	0	0	0	1	0
Max Relative Humidity (%)	42	36	40	46	42
Min Relative Humidity (%)	25	20	21	21	19
Wind speed (km/h)	9	9	7	8	13
Wind direction (deg)	45	63	90	225	225

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

General Advisory

- As there is a chance of dry weather condition in upcoming week and increase in minimum (night) temperature by 2-3 deg. cent. In upcoming 3 days, farmers are advised to conduct spraying operations in that period and also make provision to supply need based irrigation in crop field.
- Farmers are advised to start sowing or nursery for cultivation of summer vegetables like cucurbits, okra etc.
- Prevailing weather condition is favourable for attack of different diseases and insects in crop field so its regular monitoring should be advised.

Crop and livestock Specific Agromet Advisory

Name of the crop	Crop Stage	Agromet Advisories
Rice	Transplanting	<ul style="list-style-type: none"> • Transplanting should be advised in case of 21 to 25 days or above old seedlings. 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 for weed control.
Green Gram/ Black Gram	Flowering/ Fruiting stage	<ul style="list-style-type: none"> • Maintain adequate moisture in crop field to avoid flower drop due to water stress condition. • 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.
Sesame	Sowing	<ul style="list-style-type: none"> • Sowing of Sesame crop should be advised with a seed rate @ 2-2.5 kg seeds per acre. Before sowing, seed treatment should be done with 2g Carbendazim (Bavistin) and due to small seed size it should be mixed with dry sand during sowing in line.
Groundnut	Vegetative stage	<ul style="list-style-type: none"> • Spraying of Imazethapyr @ 3 ml/liter of water should be advised within 15 days of sowing to control weed in ground nut.

Tomato, Brinjal, Chilli	Flowering / 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 after occurrence of rainfall. If white fly attack is observed in case Tomato and Brinjal, spraying of Thiamethoxam @ 0.3 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 is advised in case of crop having vegetative growth stage.
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.

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

For better agricultural benefits, use **OUAT KALINGA** products (Seedling, Sapling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value Added Products, Fingerling/Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermicompost and Farm Implements.)

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on **MEGHDOOT mobile app** in both English and Odia languages.



(<https://play.google.com/store/apps/details?id=com.aas.meghdoot>)

Farmers can also use **DAMINI mobile app** for thunderstorm and lightning information.



(<https://play.google.com/store/apps/details?id=com.lightning.live.damini>)