



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



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**Week no-05**

**No.10(Eng .Bulletin)**  
**Date:03.02.2023**

**West Central Table Land Zone**

**Sambalpur**

According to IMD, no rainfall is expected in the upcoming 5 days. The maximum temperature is likely to range between 31-33<sup>0</sup>C and the minimum temperature between 12-14<sup>0</sup>C. Clear sky to mainly cloudy sky is expected in the upcoming 5 days. The maximum relative humidity may vary between 26-38% and minimum relative humidity may vary between 9-13%. Light air is likely to blow in SSW direction on Saturday and Monday, S direction on Sunday with WSW direction on the remaining days.

Date	04/02/2023	05/02/2023	06/02/2023	07/02/2023	08/02/2023
Rainfall (mm)	0	0	0	0	0
Max Temperature (° C)	31	32	32	33	33
Min Temperature (° C)	12	13	14	14	13
Total cloud cover (okta)	2	0	0	0	0
Max Relative Humidity (%)	29	29	35	34	38
Min Relative Humidity (%)	9	10	12	13	13
Wind speed (km/h)	5	5	6	6	7
Wind direction (deg)	216	180	202	252	251

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

**Agromet Advisory**

**Rice**

- For controlling Stem borer, application of Phorate @ 10 kg/acre should be done during transplanting. If the weeds are not controlled, the farmers should go for application of post-emergence application of Pyrazosulfuron @ 80g per acre, or Almix @ 8 g/acre after 15-20 days of transplanting.
- Irrigation should be provided as and when required especially at the critical stages like tillering, panicle initiation, flowering and milking stage. If paddy is 1 month old, then go for 1<sup>st</sup> top dressing with urea.

**Potato**

- The current weather is favorable for infestation of Cut worm in potato. Apply 1% Chloropyrifos dust or 2% Methylparathion dust over the bunds of the affected field to restrict the entry of the insects in to the unaffected field.
- In case of early blight in Potato, use copper based fungicide like Mancozeb 75 WP@ 2g/lit at 15 days interval three to four times. Destroy the diseased plant parts properly.

**Sunflower**

- Grow High Yielding Varieties like Modern and Hybrid Varieties PAC 36, KBSH, MSFH-8 and SFH 17. Apply 2 tons of FYM along with basal application of 8:16:12 kg NPK/acre for HYV and double the dose of fertilizer for the Hybrids. Apply Phosphorus

in form of SSP to increase the oil content. Before sowing, the seeds should be treated @ 2 g Carbendazim per Kg of seeds.

### **Groundnut**

- For controlling weeds in Groundnut, the farmers should apply Imazathapyr @ 1.5ml/lit .

### **Brinjal**

- In case of Fruit and Shoot borer in brinjal, go for application of 60ml Coragen 20 SC in 200 lt water/acre. In brinjal wilt is seen. To control, mix 20g Streptocyclin in 200lt water and spray in the root zone.

### **Tomato**

- In case of Fruit borer in Tomato, apply 80 ml Spinosad 14.5SC in 200 lt water/acre.

### **Cabbage and Cauliflower**

- In case of Diamond back moth in cole crops like cabbage, cauliflower, go for application of 80 ml Spinosad 14.5SC in 200 lt water/acre.

### **Broccoli**

- Seed rate for broccoli is 300grams/ha. Raise the seeds in the nursery bed and transplant the seedlings at 4-5 leaves or 25-30 days stage and transplant at a spacing of 40-45cm.

### **Chilli and Capsicum**

- In case of Capsicum and chilli thrips, go for application of 200ml Dimethoate 30 EC in 200lt water/acre. In case of mites, apply 500ml Dicofol 18.5EC in 200lt water/acre.

### **Carrot**

- Mulching in carrot should be done to protect them from direct exposure of sunlight and conserve moisture.

**Technical Officer**