



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



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**Week no-15**

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**West Central Table Land Zone**  
**Jharsuguda**

According to IMD, no rainfall is expected in the upcoming 5 days except Saturday and Wednesday , when light rainfall is expected. The maximum temperature is likely range between 38-39°C and the minimum temperature may likely range between 24-25°C. Mainly clear sky to generally cloudy sky may be observed from Saturday to Wednesday. The maximum relative humidity may vary between 27-37% and minimum relative humidity varying between 9-12%. Light air is likely to blow in SSE direction on Saturday, WSW direction on Sunday, ESE direction on Monday and SSW direction on Tuesday with NNW direction Wednesday.

Date	13/04/2019	14/04/2019	15/04/2019	16/04/2019	17/04/2019
<b>Rainfall (mm)</b>	2	0	0	0	1
<b>Max Temperature (° C)</b>	39	39	39	39	38
<b>Min Temperature (°C)</b>	25	24	24	24	24
<b>Total cloud cover (okta)</b>	2	2	2	1	5
<b>Max Relative Humidity (%)</b>	29	30	37	30	27
<b>Min Relative Humidity (%)</b>	12	11	10	8	9
<b>Wind speed (km/h)</b>	3	5	3	6	7
<b>Wind direction (deg)</b>	163	266	97	197	323

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

**Agromet Advisory**

**Contingent measures to combat high temperature**

1. Provide sufficient irrigation to the crops.
2. Provide sufficient clean drinking water to the cattles, poultry and other domestic animals.  
Keep them under shade and cover the poultry cage with mat to prevent heat.
3. Do mulching to conserve the soil moisture.
4. Do intercultural operations like thinning and weeding to minimize the competition for water.

**Rice**

1. If rice is at Panicle Initiation stage, go for split application of nitrogen in the form of urea (87kg Urea/ha)
2. In case of stem borer infestation, apply Rynaxypyr 20 SC @ 0.3ml/l or Cartap hydrochloride 50 SP @ 1.25g/l or Acephate 75 SP@ 1.5g/l.
3. In case of blast, spray Tricyclazole 75 WP @ 1.6g/ Lt water.

## Vegetables

### **1. Bittergourd**

Bitter gourd varieties like Pusa domausami, Coimbatore long, Priya, Arka harit etc. may be sown during this time. For 1 acre, 1.5kg seeds are required. For land preparation, apply 5 ton FYM and 100kg ammonium sulfate 75 kg SSP and 35 kg MOP. First harvesting can be done at 55-60 days after sowing.

### **2. Ridge gourd**

- Ridge gourd varieties like Pusa nasdaar, Utkal Manjushree, Utkal Trupti, Swarna manjari etc. may be sown during this part of year at 1.5-2kg/acre. For land preparation, plough the field 3-4 times. Then apply 5 ton FYM and 100kg ammonium sulfate 75 kg SSP and 50 kg MOP. Dig the pit at a spacing of 2m x 1.5m. In each pit sow 3 seeds.
- To control leaf spot in ridge gourd, spray 3.5 ml Indofil M-45 in 1 litre water.

### **3. Cucumber**

Cucumber varieties like Poinsette, Pusa sanjog, Supriya etc. may be sown during this part of year at 1.5-2kg/acre. For land preparation, plough the field 3-4 times. Then apply 5 ton FYM and 100kg ammonium sulfate 75 kg SSP and 35 kg MOP. Dig the pit at a spacing of 2m x 1.5m. In each pit sow 3 seeds.

### **4. Onion**

- To prevent Onion tip burn, apply 400ml Hexaconazole by mixing in 200lt water and spray over 1 acre.
- By now Onion must be ready for harvesting, so don't apply irrigation.

### **5. 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. Trichogramma parasites may be released in 20,000/acre.

### **6. Tomato**

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

### **7. Pumpkin**

Pumpkin beetle is an important pest found in pumpkin. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.

### **8. Chilli**

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

### **9. Okra**

- Use Okra varieties like Utkal Gourav, Arka Anamika, Varsha Uphar, parvani kranti etc. may be sown at 3.4kg per acre.
- To control Red spider mite in okra, go for application of Kelthane @ 200 g/acre at weekly interval

### **10. Zinger**

Go for sowing of zinger with varieties like Suprava, surabhi etc. @ 6-8 quintals per acre.

## **Fishery**

1. Due to rise in environmental temperature, increase the water level upto 5ft of fish pond by adding water from nearby water source.
2. Floating aquatic weeds can be kept in one corner of fish pond for shade.
3. Harvest marketable fishes from pond.

**Nodal Officer**