



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



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**Week no-11**

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**West Central Table Land Zone**  
**Bauda**

As per SPI, mildly dry condition existed over the region. According to extended range rainfall forecast, above normal rainfall is expected in the upcoming week. According to IMD, light rainfall is expected on Saturday, Sunday and Monday while no rainfall is expected on Tuesday and Wednesday. The maximum temperature is likely range between 35-37°C and the minimum temperature may vary between 19-21°C. Mainly clear sky to partly cloudy sky may be observed from Saturday to Wednesday. The maximum relative humidity may vary between 30-74% and minimum relative humidity varying between 20-30%. Light air is likely to blow in ESE direction on Saturday, Sunday and Wednesday while ENE direction on Monday with SSE direction on Tuesday.

Date	16/03/2019	17/03/2019	18/03/2019	19/03/2019	20/03/2019
<b>Rainfall (mm)</b>	4	4	5	0	0
<b>Max Temperature (° C)</b>	36	37	36	35	36
<b>Min Temperature (°C)</b>	20	20	19	19	21
<b>Total cloud cover (okta)</b>	4	2	4	3	2
<b>Max Relative Humidity (%)</b>	74	61	68	30	63
<b>Min Relative Humidity (%)</b>	25	20	20	30	24
<b>Wind speed (km/h)</b>	6	3	14	4	5
<b>Wind direction (deg)</b>	111	106	52	160	126

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

**Agromet Advisory**

**Rice**

- In rice, if transplanting of rice is over then, go for application of pre emergence herbicide Londax power (Bensulfuron methyl + pretilachlor) @ 4 kg/ acre at 5- 10 days after transplanting. Mix the granular herbicide with 4 kg of sand/ acre and broadcast it uniformly in the field.
- If rice is at 15-30 days after transplanting, then control weeds by applying Nomini gold (Bispyribac sodium 10 SC) @ 120 ml/acre at 12-15 DAT or at 2-4 leaf stage of weeds.
- If broad leaved and sedges are dominant in field, apply Almix (Chlorimuron-ethyl + metsulfuron-methyl) @ 8 g /acre at 20-25 DAT. In case of blast, go for application of Beam @ 6g/acre.
- If rice is at 4 weeks stage go for 1<sup>st</sup> split application of nitrogen in the form of urea (87kg Urea/ha). 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.

**Summer Moong and Urd**

- For moong use HYV like PDM 54, PDM 11, PDM 84-143 and OUM 11-5 and for Urd, the HYV like Pant-U-19, Pant-U-30 and Pant -U 26 and Sarala may be used.
- Use 10 kg seeds per acre. Before sowing seeds should be treated with 2 g Thiram and Carbendazim. And after seven days on the date of sowing, apply Rhizobium culture. Use 200 gram culture and mix with 300 li water to make slurry and mix 10 kg seeds thoroughly to ensure the coating. Then dry it under shade and then sow the seeds in lines with 25 cm apart and plant to plant 10cm apart.

### **Vegetables**

- 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.
- In case of Chilli thrips, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre.
- 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.
- In case of Fruit borer in Tomato, apply 80 ml Spinosad 14.5SC in 200 lt water/acre.
- Go for sowing of Amaranthus @ 4-6 kg/acre.
- Go for sowing of banana, papaya, cucumber, guar, ridge gourd, okra, pumpkin, etc.
- Go for harvesting of winter sown vegetables.

### **Mango**

- Mango hoppers may be seen in mangoes. To control it, fumigate the plants by neem leaves or spray Dimethoate 0.5ml/l or chloropyriphos 0.4ml/l.
- Ploughing of mango orchard is advised to control emerging mango mealy bug nymphs. Wrapping of plastic sheets around mango trunk to prevent climbing of young mealy bugs should be done.
- In case of powdery mildew, first spray soluble sulphur (2 g/ L) followed by second spray of Dinocap (1 ml/L) after 10-12 days. During this month the panicles having midge insect infestation should be removed from the plant and destroyed.
- In general, spray of insecticide should be avoided directly to the inflorescence during flowering.

**Nodal Officer**