



**GRAMIN KRISHI MAUSAM SEWA**  
**District Agromet Advisory Service**  
**Western Undulating Zone, Odisha**  
**Regional Research & Technology Transfer Station (RRTTS),**  
**Bhawanipatna, Dist : Kalahandi, Odisha – 766001**  
*(Orissa University of Agriculture & Technology)*



**WEEK NO.11**

**Bulletin No.22/2019**

**Friday/Dt.15.03.2019**

**Weather Condition recorded at AMFU Bhawanipatna from 09.03.19 to 15.03.19**

|  |             |
|--|-------------|
| Weekly Rainfall (mm) and rainy days                        | Nil         |
| Cumulative Rainfall (mm) and rainy day (w.e.f. 01.01.2019) | 29.6 and 03 |
| Mean weekly maximum temperature (°C)                       | 37.3        |
| Mean weekly minimum temperature (°C)                       | 25.3        |

**Weather Forecasting Up to 20.03.2019 for Kalahandi District:**

According to IMD Bhubaneswar very light to light rain is expected from 16.03.2019 to 18.03.2019 at some places and dry weather is expected thereafter till 20.03.2019. Sky may remain partly cloudy to almost clear during 16.03.2019 to 20.03.2019. Wind may blow from South-East direction with speed of 004-009 km/hr. Maximum temperature may vary around 37-38°C and minimum temperature around 20-24°C. Maximum RH expected to vary between 59-73% and minimum RH between 19 – 21%.

| DISTRICT  | Date      | Rainfall (mm) | T-MAX (°C) | T-MIN (°C) | Cloud Cover | Rh Max (%) | Rh Min (%) | Wind speed (kmph) | Wind Direction (deg) |
|-----------|-----------|---------------|------------|------------|-------------|------------|------------|-------------------|----------------------|
| KALAHANDI | 16/3/2019 | 1             | 37         | 23         | 3           | 59         | 20         | 4                 | 141                  |
|           | 17/3/2019 | 1             | 38         | 24         | 1           | 62         | 19         | 4                 | 159                  |
|           | 18/3/2019 | 5             | 38         | 21         | 4           | 71         | 19         | 9                 | 129                  |
|           | 19/3/2019 | 0             | 37         | 20         | 3           | 73         | 21         | 5                 | 150                  |
|           | 20/3/2019 | 0             | 38         | 22         | 2           | 70         | 21         | 6                 | 162                  |

**Agro met – Advisory Bulletin for Kalahandi District**

No rain was realized last week in the district. SPI for the period 14.02.19 to 13.03.19 exhibited mildly dry condition and NDVI for the period 04.03.2019 to 10.03.2019 showed moderate agricultural vigour over the district. Extended range rainfall forecast for the period 15.03.2019 to 21.03.2019 showed above normal condition over the state Odisha. As light rain is expected from 16.03.2019 to 18.03.2019

1. Plan for irrigation in summer paddy, sugarcane and vegetable crops observing the forecasted rain and soil moisture.
2. Carry out spraying of insecticides or pesticides in crops as required in dry days.
3. Harvest the matured crops and keep the produce in safe place.
4. Aphid, whitefly and YMV infestation may occur during this period in greengram and blackgram. Keep watch on the crops.
5. Rise in temperature may favour the stem borer infestation in summer paddy. Keep regular monitoring of the crop field.

**Summer Paddy:**

1. The crop is at late tillering to panicle initiation stage (six to nine week) in main field.
2. At PI stage of crop, weed out the field and apply 13 kg urea with 10kg MOP for short duration varieties and 18kg urea with 13kg MOP for medium duration varieties. Do not allow the water to overflow or drain out of the field after fertilizer application for 3-4days.
3. Apply irrigation and maintain water level upto 5cm at PI stage.
4. To keep watch on the stem borer infestation fix 5 nos. of pheromone trap per acre crop area in the field. If dead heart damage is more than 5% , spray chlorantraniliprole 18.5 S.C. 80ml per acre @ 0.4ml/lit water or Cartrap hydrochloride 50% S.P. 400g per acre @ 2g/lit of water.

**Sugarcane:**

1. The crop is at germination to early vegetative growth (two to four week) stage in main field. Irrigate the crop at seven days interval .

**Greengram and Blackgram:**

1. The crop is at seed development to maturity (eleven to fourteen week) stage.
2. Aphids and whitefly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.
3. In case of YMV infestation uproot and destroy the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

**Vegetables:**

1. The onion crop is at bulb development (ten to fourteen week) stage. Irrigate the crop at 7days interval.

**Nodal Officer  
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