



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Orissa University of Agriculture and Technology**  
**Bhubaneswar -751 003**

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**Nodal Officer**

**Week No. 41**

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**Dt.- 12.10.2018**

**District - Cuttack (East and South-Eastern Coastal Plain Agroclimatic Zone)**

The mean daily maximum temperature was 30.9°C and mean daily minimum temperature was 23.1°C of the Cuttack district during the last week. The district received 234.4 mm rain during the last week. Top dressing of Paddy at both Tilling and PI stage depending upon the duration of paddy is being carried out. Pulses are at seed development to maturity stage. Wrapping and propping of sugarcane is going on. Rice is affected by stem borer, swarming caterpillar, BLB and blast and plant protection measures are being carried out. Land preparation and sowing of pre-rabi crops such as short duration Pulses, Oilseeds, are under progress. Planting of marigold is going on. Plant protection of early planted marigold and tuberose are carried out. Harvesting of vegetables like, colocasia, ladies finger, cucurbits, etc is going on. Harvesting of corm is going on. Harvesting and retting of jute has been started. Intercultural operation of jasmine and itimala flower is going on. Rainfall of this week is normal. Overall crop condition is NORMAL.

**CYCLONE "TITLI"**  
**Forecast (Up to 17.10.2018)**

**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: CUTTACK** – The district is likely to receive heavy rain on Friday and low rain thereafter up to Tuesday with almost cloudy sky. The wind speed will remain within 3 to 9 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 2 and 1 °C each on Saturday and Sunday, respectively and the daily minimum by 1 °C on Saturday.

DISTRICT	CUTTACK				
Date	13-10-2018	14-10-2018	15-10-2018	16-10-2018	17-10-2018
Rainfall (mm)	70	14	10	11	8
T-MAX (C)	29	31	32	32	32
T-MIN (C)	21	22	22	22	22
Cloud Cover	8	6	8	8	7
Rh Max (%)	91	92	94	91	92
Rh Min (%)	83	70	70	68	60
Wind speed (kmph)	9	5	5	3	3
Wind Direction (deg)	286	45	150	146	307

**For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.**

**Agromet Advisory**

- Drain out excess water from non-paddy crop field and paddy field where the crop at maturity stage.
  - Keep bunding water in medium land paddy to a 5 cm high.
  - Go for harvesting of matured pulses and groundnut and bring the harvested crop to a safer place.
  - Give staking to banana plant
  - Go for plant protection measure for controlling BPH attack.
  - Carry out the plant protection measures against the pests and insects of Paddy and non-paddy crops either before the hitting of cyclone or after it.
  - Go for nursery raising of cole crops in raised bed..
  - After the rain recedes, , go for planting of vegetables like cauliflower, cabbage beans, cowpea,
  - Go for top dressing of late duration paddy after weeding at panicle initiation stage.
- **Dahlia** comes to flowering 3 months after planting. It can be planted from August up to November depending upon the demand for flowers. Now it is optimum time for dahlia planting.. 12 types of dahlia are there. They are Single star, Annonon, Collenty, Piyonee, Phampal, Decorative, Informal, Cactus, Semicactus, Double show Fancy and Pompane. Seeds, stem cuttings and tubers are used as seed material. Apply 100g benomeal, basket of ash, 50:50:50 g of NPK/m<sup>2</sup> Plant the planting material at 45-150 cm apart depending upon the variety.
  - The weather is optimum for nursery raising of **onion**. Grow HYV like Nasik Red, Patna Red, Pune Red, Bellary Red, Pusa Ratnar, Pusa Madhavi, Arka Niketan , Arka Pragati, Agrifound light red, Agrifound dark, Punjab Selection, Patna white, Bombay white, Pusa white round etc. Use 4 kg seeds/acre. 200 m<sup>2</sup> is sufficient for nursery for one acre planting. Lay out 3 mt long 2 mt wide of 15 cm raised beds. Maintain 70 cm between two beds for easy intercultural operation and watering. Apply 1 ton FYM and 10 kg complex fertilizer of 15:15:15 kg NPK 7 days before sowing. Mix the fertilizer thoroughly. After emergence remove the straw slowly without affecting the seedlings. Spray 2g Bavistin or Thiram in 1 litre water at 15 days interval to avoid nursery insects and irrigate the beds as per the needs.
  - The pulses, castor and sesame crops are at 3 to 4 week stage. Go for weeding and hoeing thinning and apply recommended dose of N fertilizer as top dressing to Niger and castor only. **Nodal Officer**