



Gramin Krishi Mausam Sewa
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Bhubaneswar -751 003

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 Nodal Officer

Week No.41

No.- 1228 (Eng. Bulletin)
Dt.- 12.10.2018

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

The mean maximum daily temperature was 32.0°C and mean minimum daily temperature was 25.3°C of the Puri district during the last week. The district received 220.6 mm rain during the last week. Top dressing of Paddy at both Tillering 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.

Forecast (Up to 17.10.2018)

Given by Met. Centre, IMD, Bhubaneswar

District: Puri - The district is likely to receive heavy rain on Friday and light rain thereafter up to Tuesday with almost cloudy sky. The wind speed will remain within 6 to 18 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 1 °C each on Saturday and Sunday, respectively and the daily minimum by 1 °C each on Saturday and Tuesday.

| DISTRICT | PURI | | | | |
|----------------------|------------|------------|------------|------------|------------|
| Date | 13-10-2018 | 14-10-2018 | 15-10-2018 | 16-10-2018 | 17-10-2018 |
| Rainfall (mm) | 40 | 10 | 5 | 5 | 5 |
| T-MAX (C) | 30 | 31 | 32 | 32 | 32 |
| T-MIN (C) | 23 | 24 | 24 | 24 | 25 |
| Cloud Cover | 8 | 4 | 7 | 8 | 7 |
| Rh Max (%) | 82 | 85 | 85 | 82 | 82 |
| Rh Min (%) | 78 | 66 | 71 | 71 | 66 |
| Wind speed (kmph) | 18 | 9 | 9 | 6 | 7 |
| Wind Direction (deg) | 285 | 82 | 157 | 100 | 275 |

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, Annimon, 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/m² Plant the planting material at 45-150 cm apart depending upon the variety.
- The vegetable nurseries of brinjal, tomato and cole crops should be covered with raised polythene cover to avoid the hitting effect of raindrops and rotting of seedlings.

GREEN FODDER-Go for harvesting of fodder crops such as hybrid Napier, Guinea grass, etc., Cut the plants leaving 15-18 cm above the ground level. Apply 16 kg N per acre just after cutting, Irrigate the crop after top dressing in absence of rainfall

GROUNDNUT Now it is optimum time for sowing of rainfed groundnut in river bank. Go for land preparation, Grow high yielding varieties like Smruti, TAG-27, TAG – 24 and JL-24, Use 60 kg pods /acre. Treat the seeds with 1.5 g Carbendazim or 3 g Thiram/kg of seeds one week before sowing. Use PSB culture and Rhizobium culture one week after fungicidal treatment i.e. on the sowing day. Apply 2 ton FYM along with 8:16:8 kg NPK per acre as basal. Sow the seeds 10 cm apart maintaining a row spacing of 30cm.

CHRYSANTHEMUM -The chrysanthemum crop is at one month stage. Remove the top portions to have more lateral branches. Go for weeding and hoeing. Complete planting of Chrysanthemum

MARIGOLD The marigold crop is at one month stage. Remove the top portions of the plant to accelerate the lateral branching to give the bushy shape of the plant. Go for hoeing and weeding. Apply 40 kg N per acre.

GREEN PEA-Now it is optimum time for sowing of green pea in the fallow uplands Keonjhar and Mayurbhanj. Grow High Yielding varieties suitable for Orissa such as Rachana, Arkel and T -163. Use 30 kg seeds/acre. Before sowing seeds are to be treated with 2 g Carbendazim/kg seeds. Apply 10:16:10 kg NPK/acre during final land preparation. Sow the seeds in lines 30 cm apart with 10 cm plant to plant distance. **Nodal Officer**