



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

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Nodal Officer

**Week No.51**

**No. – 1820 (Eng.Bulletin)**  
**Dt. - 18.12.2020**

**DISTRICT: Ganjam (Coastal parts) (East and South-Eastern Coastal Plain Agro climatic Zone)**

The mean maximum daily temperature was 30.6°C and mean minimum daily temperature was 19.0°C of the Ganjam district during the last week. The district received 0.0 mm rain during the last week. Harvesting of long duration paddy is in progress. Raising of Nursery bed for Summer paddy is under progress. Picking of cotton crop is in progress. Harvesting of Sugarcane is continuing. Planting of fresh Sugarcane crop started. Sowing of Rabi crops like Maize, Wheat, Pulses, Oil seeds, Vegetables and Spices are under progress. There is no Rainfall up to the end of this week. Overall crop condition is Normal.

**Forecast (Up to 23.12.2020)**  
**Given by Met. Centre, IMD, Bhubaneswar**

**DISTRICT: Ganjam** – The district is likely to receive no rainfall in next 5 days with clear sky. The wind speed will remain within 05 to 06 kmph up to next five days. The daily maximum temperature will decrease gradually by 2°C up to Wednesday. The daily minimum temperature is likely to decrease gradually by 2°C on up to Wednesday.

DISTRICT	GANJAM				
Date	19/12/2020	20/12/2020	21/12/2020	22/12/2020	23/12/2020
Rainfall (mm)	0	0	0	0	0
T-MAX (C )	30	30	29	29	28
T-MIN (C )	19	18	18	17	17
Cloud Cover	0	0	0	0	0
Rh Max (%)	92	82	65	54	68
Rh Min (%)	47	43	35	27	29
Wind speed (kmph)	6	6	6	6	5
Wind Direction (deg)	112	75	75	292	288

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

**Agromet Advisory**

- ❖ Go for harvesting of late duration rice at physiological maturity stage to avoid lodging and germination in the field itself. Drain out excess water in standing rice crop by making alleys (Pahi). Grain discoloration may occur. To control this, spray 1.5 g Streptocycline with 25 g Copper Oxychloride per 10 litre water.
- ❖ Go for threshing of the harvested paddy. After threshing, paddy grains need to be sun-dried to 14% moisture for consumption purpose and for seed purpose it should be dried to 12% moisture for better self-life.
- ❖ Cover the recently planted cole crops with paper pockets during night time to avoid low temperature.
- ❖ Cover the seedlings of vegetable with paper packets in the night.
- ❖ First year ratooning of **sugarcane** incurs no expenditure on land preparation and seed. Harvest the previous sugarcane (Main) crop just at the level of land so that the buds will grow up from the eyes below the ground, resulting in profuse tillering. It will also prevent the infestation of different types of borer attack. Remove the dried leaves from the field or burn them in the field immediately followed by irrigation. Apply 4 tonne of FYM and recommended dose of fertiliser during ridge leveling. Gap filling should be done within 30 days of harvesting to maintain optimum plant population.
- ❖ Sunflower crop is at 25-30 days stage. Go for hoeing and weeding and thinning and apply N -fertilizer.
- ❖ Go for sowing of lentil, field pea, green gram, black gram and chickpea @ 20 kg/acre. Grow the following improved varieties. Bengal gram- Gourav, Annegiri, Radhey, Pea- Rachana, Arkel, Early December, Lentil- Asha, Pant-L-4, Pant-L-6, Green gram- TARM-1, Samrat, OUM-11-5, PDM-54, Black gram- Pant-U-19, Pant-U-30, T-9, B-3-8-8 Go for sowing in lines at 25-30 cm apart and at plant to plant distance of 10 cm.
- ❖ Early planted potato crop is at 3 week stage. Go for hoeing and weeding and apply the rest 30-45 Kg N/acre.
- ❖ Cabbage and cauliflower seedlings are at 3-week stage in the nursery. Go for planting in the main field. Dip the root of seedlings in 5:10:10 NPK solution. Apply 16:16:16 kg NPK/acre as basal, Plant the seedlings with a row spacing of 60 cm and 45 cm within the plants. Cover the recently planted cole crops with paper pockets during night time to avoid low temperature.

**PADDY: Wet Direct Sown Paddy** -Farmers those are going for Wet direct sown rice cultivation should apply 35 kg DAP, 27 kg Potash and 8 kg Urea per acre during last puddling. For sandy soil apply 35 kg DAP, 15 kg Potash and 8 kg Urea per acre during last puddling. In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years. Sowing of pre-germinated seeds should be done in puddled soil by direct broadcasting or by using drum seeder. Maintain only a thin film of water for proper establishment and early growth of seedlings. Use pre-emergence herbicide Pretilachlor (Rifit / Craze) @ 800-ml/acre or Oxadiargyl 80% W. P (Top star / Oximain) @ 30-gm/acre or Pyrazosulfuron Ethyl 10% W.P (Saathi /Killo) @ 80-gm/acre at 1-3 DAT. Spray the herbicide by mixing it in 200 litres of water per acre or Mix the herbicide with 20 kg of sand and broadcast it uniformly. Always use flat-fan or flood-jet nozzle and clean water for herbicide spraying.

**ONION:** Onion Seedlings of 8-weeks old which are 12-15 cm in height should be planted in the main field. Before transplanting apply 10 tonnes of Compost, 52 kg of DAP, 30 kg of Muriate of Potash 20 kg of urea and 20 kg of sulphur and mix it to the soil uniformly. Transplant the seedlings in line by keeping the row to row spacing at 25 cm and plant to plant spacing at 10 cm. Apply preemergence herbicide Pendimethalin 30 % E.C (Pendamil/Pendiherb/Tata Panida) @ 1 litre /acre or Oxyfluorfen 23.5% E.C. (Oxygold/Oxykill/ Galigan) at 1-2 DAT.

**MUSTARD:** There are chances of **Leaf Webber and Mustard sawfly** infestation in mustard crop. To manage Mustard sawfly and leaf Webber spray Ethofenprox 10 % EC (Bombard/Primo) @ 200ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water. Apply the insecticides in the afternoon hours so that the movement of Honeybees will not be disturbed.

**BANANA-** There are chances of infestation of **Sikatoka Leaf Spot** in banana. To control this disease spray 2gm carbendazim 12% + mancozeb 63% WP or chlorothalonil 75% WP per litre of water.

**NODAL OFFICER**