The mean daily maximum and minimum temperature were 33.0°C and 25.6°C in the Khurda district during the last week. The district received 32.8 mm rain during the last week. Land preparation and sowing of direct dry seeded rice in up-medium land is going on. Land preparation for wet bed nursery has started. Land preparation and sowing of kharif non-paddy crops such as groundnut, pigeon pea and cotton has been started. Sowing of green manuring crops is almost completed. Intercultural operation of Kharif vegetables are going on along with plant protection. Plant protection of marigold, tube rose are carried out. Top dressing of sugarcane is carried out. Digging of holes for planting of fruit seedlings is going on. Rainfall up to end of this week is excess. Overall crop condition is Normal.

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

**Forecast (Up to 19.07.2020)**

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

**DISTRICT: KHORDHA** – The district is likely to receive moderate rain on Tuesday and Wednesday and light rain thereafter up to Saturday with almost cloudy sky. The wind speed will remain within 7 to 15 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 2 and 1°C each on Thursday and Friday. The daily minimum temperature is likely to increase by 1°C on Thursday.

### DISTRICT | KHORDHA
---|---
**Rainfall (mm)** | 28 | 18 | 7 | 5 | 7
**T-MAX (°C)** | 31 | 30 | 32 | 33 | 33
**T-MIN (°C)** | 25 | 25 | 26 | 26 | 26
**Cloud Cover** | 7 | 7 | 5 | 5 | 5
**Rh Max (%)** | 83 | 83 | 82 | 82 | 81
**Rh Min (%)** | 62 | 60 | 61 | 57 | 60
**Wind speed (kmph)** | 14 | 15 | 12 | 7 | 14
**Wind Direction (deg)** | 218 | 190 | 190 | 158 | 186

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

**Agromet Advisory**

**General**
- Keep bunding water in the main rice field for timely puddling and transplanting.
- Go for land preparation and puddling for transplanting in low land and medium low land.
- Go for transplanting of rice in blocks receiving more than 150 to 200 mm rainfall during July and beheading of direct seeded rice.
- Complete raising of wet bed rice nursery without any delay as fair amount rainfall is received due to active monsoon and it is likely to receive a good amount of rainfall in next five days.
- Go for SRI method of rice cultivation in irrigated medium lands, as 10 to 12 days is required for raising seedlings.
- Go for sowing of pulses like green gram, black gram, sesame etc. in upland without any delay for best utilization of soil moisture due to receipt of fair amount of rain(uplands receiving rainfall of 60-75 mm during last week).

**Direct Seeded of Rice**

(i) Lowland dry direct seeded rice – In semi-deep/deep water direct areas where direct seeding has already completed, to control weeds apply Bispyribac sodium 10% SC @ 120 ml/acre in 120 litres of water (8 tank of 16 litre capacity sprayer) at 8-10 days after emergence when the weeds are at 2-3 leaf stage as an alternate to manual weeding or Metsulfuron Methyl 10%+ Chlorimuron Ethyl 10 % WP (Alminx/ Clomax/Alvida) @ 8 gram /acre @ 15-20 DAS (When the weeds are at 3-4 leaf stage) by mixing in 200-litre of water or apply tank mix of Fenoxaprop-p-ethyl + Ethoxysulfuron (Rice star + Sunrisi) @ 260 + 50 g/acre @ 15-20 DAS as an alternate to manual weeding. Drain out water from paddy field before spraying of herbicide and irrigate the field after 2-3 days. Always use clean water for herbicide application. Use flat fan nozzle or flood jet nozzle for herbicide application.

(ii) Upland dry direct seeded rice – In upland rice to control weeds spray herbicide Bispyribac sodium 10% SC at 120ml/acre in 120 litres of water at 8-10 days after emergence when the weeds are at 2-3 leaf stage as an alternate to manual weeding

**Wet Bed Nursery**
- Irrigation should be done in nursery field and puddle it 2-3 times followed by planking. Apply 200 kg of FYM, 4 kg of DAP, 2.5 kg of MOP during last puddling in 10-decimal area. Apply light irrigations to the nursery area so that the field remains wet and do not keep standing water. Apply 4 kg of urea at 15 DAS to the nursery area. Apply 400-gram Chlorantraniliprole 0.4% G (Ferrera/Enfuse) or 800-gram Cartap Hydrochloride 4% GR (Boregan/Caldan) in the 10 decimal nursery area 7 days after transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

**Nursery Management**
- To control weeds in rice nursery apply pyrazosulfuron ethyl @ 80 g/acre @ 0-3 DAS.
- If infestation of thrips is notice in rice nursery, spray NSKE (Azadirachitin) @ 800 ml/acre or Lambda-cyhalothrin 5% EC @ 100 ml/acre or Thiamaethoxam 25% WG @ 40g/acre. Stem borer endemic areas, carbosulfan granules @ 3 g/sq. m or phorate @ 1g/sq. m or diazinon @ 1g/sq. m is to be applied after 5 days after sowing. If infestation of seedling blight is noticed, apply Propiconazole (Tilt) @ 1 ml/ litre of water. For transplanting

**BRINJAL**
- To control damping off disease of brinjal seedlings in the nursery, drench the bed soil with solution of 20 gm Rdomil (Metalaxy+ Mancozeb) in 10-litre water. The brinjal seedlings become ready for transplanting after 25-30 days of sowing. In the evening of one day before uprooting seedlings for transplanting, drench the nursery bed soil with a solution made of 20g Carbendazim and 1-gram Streptomycine dissolved in 10-litre of water. By adopting this method, the risk of wilt is minimised in the newly transplanted seedlings in the initial period of growth as it confers resistance against the wilt disease. Apply 20 kg Urea, 52 Kg DAP and 20 Kg MOP as basal fertilizer. Maintain row to row spacing of 75 cm and plant to plant spacing of 60 cm.

**OKRA**
- The seed rate for HYV okra is 4 kg/acre whereas for hybrid the seed rate is 1.5 kg/acre. Seed treatment can be done with 3 gm thiram along with 7 gm Imidacloprid 70% WS per kg of seeds. For HYV apply 26-kg of DAP, 20-kg of MOP and 10-kg of Urea as basal fertilizer by maintaining row to row and plant to plant spacing at 30 cm. For Hybrids apply 35-kg of DAP, 25-kg of MOP and 20-kg of Urea as basal fertilizer by maintaining row to row spacing at 60 cm whereas plant to spacing at 45-cm.

For more details, please contact the Nodal Officer.