**Forecast (Up to 19.07.2020)**

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

### BALIPATNA

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- **Rainfall (mm)**
- **T-MAX (°C)**
- **T-MIN (°C)**
- **Cloud Cover**
- **Rh Max (%)**
- **Rh Min (%)**
- **Wind speed (kmph)**
- **Wind Direction (deg)**

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

**Agromet Advisory**

**General**

- Go for land preparation and puddling for transplanting in low land and medium low land.
- Keep bunding water in the main rice field for timely puddling and transplanting.
- Go for 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.
- For better utilization of soil moisture, go for land preparation for sowing of non-paddy crops like groundnut, arhar, castor and cotton in rainfed upland.
- 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.
- Go for planting of fruit trees.

**DIRECT SEEDED OF RICE**

- Spray post-emergence herbicide like Bispyribac Sodium (Nominee Gold/Tara Tarak/Adora) @ 80 ml/acre or Metsulfuron Methyl 10%+ Chlorimuron Ethyl 10% WP (Almix/Clomix/Alvida) @ 8 gram/acre at 15-20 DAS (When the weeds are at 3-4 leaf stage) by mixing in 200-litre of water. 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.

- 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 (Ferterra/Enfuse) or 800-gram Cartap Hydrochloride 4% GR (Boregan/Caldan) in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

- **Weed management**: Spray post-emergence herbicide like Bispyribac Sodium (Nominee Gold/Tara Tarak/Adora) @ 80 ml/acre or Metsulfuron Methyl 10%+ Chlorimuron Ethyl 10% WP (Almix/Clomix/Alvida) @ 8 gram/acre at 15-20 DAS (When the weeds are at 3-4 leaf stage) by mixing in 200-litre of water. 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.

**MAIZE**

- For early sown crop, Hand weeding and earthing up should be done at 20-25 DAS. Apply 55 kg of urea per acre at this stage. If there is infestation of Fall Army Worm spray Emamectin Benzoate 5 % S.G (ES-1/Proclaim) @ 4 gram/10 litre of water or Spinetoram 11.7 % S.C (Delegate) @ 5 ml/10 litre of water or Chlorantraniliprole 18.5% S.C (Coragen/ Cover) @ 4 ml/10 litre of water. 200 litre of water per acre is required to spray the Insecticide.

**MANGO**

- July and August is the optimum for mango planting. Grow Baignapali, Totapuri, Bombay green, Suvarnarekha, Neelam, Himsagar, Langra, Dusheri, Amrapalli, Mallika, Ratna, Ramkella, Rummani, Sindhu, Alphanso and Keshar, etc. Use healthy unbranched grafted seedlings. Plant the seedlings in 1x1x1 m pit at 10x10 m distance. Before planting apply 80:100:60 g of NPK and two baskets of compost/pit.

**CASHEWNUT**

- July is the optimum time for cashewnut planting. Grow HYV namely Vengrulla-1.4, BPP-4, Bhubaneswar-1, VRI-2, Hybrid 2-17. Dig out pits of 45x45x45 cm at 7.5x7.5m apart in coastal areas, 6x6 m in inland area and 4x4 m in marginal land. Plant 70-80 seedling/acre. Before planting apply 110:60 g NP/iet.

**PISCICULTURE**

- Harvest the fish and drain out excess water. Apply mahuai oil cake 2.5 t/ha with 1 m depth of water to kill the predators and weed fishes in perennial ponds.

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**Dr.A.Balirasingh**

**Nodal Officer**

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**Agromet Advisory**