



**Gramin Krishi Mausam Sewa**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY**  
**Mahisapat, Dhenkanal- 751 013**



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**Week No.30**

**Bulletin No.206**  
**Dt 28.07.2020**  
**(TUESDAY)**

**DISTRICT: DHENKANAL**

**Weather condition during last week (22.07.2020 to 28.07.2020)**

<b>Rainfall (mm)</b>	65.2
<b>Maximum Temperature (°C)</b>	28.2-36.7
<b>Minimum Temperature (°C)</b>	24.0-25.6

**Forecast (Up to 02.08.2020 given by Met. Centre, IMD, Bhubaneswar)**

Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
29/7/2020	12	36	25	6	84	55	4	165
30/7/2020	2	34	26	5	89	49	4	180
31/7/2020	0	35	26	4	83	48	4	205
1/8/2020	4	35	26	5	77	44	7	188
2/8/2020	5	34	25	6	85	47	9	174

**Agromet Advisory**

- ➔ 23 mm rain is expected during next five days.
- ➔ Sky will remain general cloudy next five days.
- ➔ Wind will blow at a speed of 4-9 kmph.
- ➔ Max.temp will decrease from 36 to 34 °C whereas min.temp will remain between 25 to 26 °C.
- ➔ Prepare the nursery beds for raising paddy seedling for ensuing Kharif season.
- ➔ As soon as rainy seasons immediately go for sowing of direct seeded upland rice.
- ➔ Spray plant protection chemicals along with sticker in clear weather.

**Kharif rice:**

- In rain deficient blocks Bhadrak, Bonth, Chandbali and Dhamnagar, life saving irrigation should be provided to rice nurseries.
- In direct seeded rice and early sown rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha-1 in 500 litres of water.
- Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.
- Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyriphos solution is to be done before transplanting to check insect attack.

**Vegetables :**

- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting.
- Current weather is favourable for attack of Epilachna beetle in Brinjal nursery & ratoon crop besides in Cucurbits. Spray Acephate@1.5g/l of water to control it.
- In current weather situation Thrips and mites attack will increase in Chilli crop showing curling of leaves and stunting growth of plants. To control the pest, spray Spirimesifen@ 120 ml/acre in 200 litres of water after cessation of rain.
- Rust disease is likely to appear in Cowpea. Spay Chlorothalonil@2g/litre of water.

**Animal Science:**

- Due to continuous rain during next five days don't allow the domestic animals to outside for grazing.
- Provide sufficient clean drinking water to cattle and keep their sheds clean.
- Provide vaccination at regular interval.

**Fisheries:**

- Complete the pond preparation as soon as possible.

**The above advisory is prepared based on the information available and not legal.**

**For any problem related to agriculture sector, please dial the toll free number 1800 180 1551.**

**Approved by Associate Director of Research**  
**RRTTS, Mahisapat, Dhenkanal**