



**Gramin Krishi Mausam Sewa**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY**  
**Mahisapat, Dhenkanal- 759 013**



Deepanjali Dugal,  
Jr. Agrometeorologist

**Week No.09**

**Bulletin No.17**  
**Dt. 27.02.2024**  
**(TUESDAY)**

**DISTRICT: DHENKANAL (Mid-central Table Land Zone)**

**Weather condition during last week (21.02.2024 to 27.02.2024)**

<b>Rainfall (mm)</b>	<b>2.2</b>
<b>Maximum Temperature (°C)</b>	<b>27.4-36.7</b>
<b>Minimum Temperature (°C)</b>	<b>17.5-21.5</b>

**Forecast (Up to 03.03.2024) given by Met. Centre, IMD, Bhubaneswar**

<b>Date</b>	<b>Rainfall (mm)</b>	<b>T-MAX (°C)</b>	<b>T-MIN (°C)</b>	<b>Cloud Cover</b>	<b>Rh Max (%)</b>	<b>Rh Min (%)</b>	<b>Wind speed (kmph)</b>	<b>Wind Direction (deg)</b>
28-02-2024	0	32	20	1	69	27	7	150
29-02-2024	0	32	20	1	75	26	7	292
01-03-2024	4	33	21	6	82	20	8	158
02-03-2024	0	33	21	1	82	21	8	153
03-03-2024	1	33	21	2	60	18	9	240

As per IMD forecast, the Dhenkanal district is likely to receive very light to light rainfall on Friday, Sunday and dry weather is expected on rest of the 3 days. The sky will remain mainly clear to generally cloudy. The wind speed is likely to remain 07-09 km/h. The maximum temperature is likely to remain between 32-33°C and minimum temperature between 20-21°C. The maximum RH will remain between 60% to 82% and minimum RH between 18% to 27% during next five days.

**Agromet Advisory**

**General Advisory:**

- ❖ Keeping in view of very light to light rainfall forecast withhold irrigation to the crops.
- ❖ Go for sowing of Cowpea, Cluster bean, Pumpkin, Cucumber and Watermelon.

**PADDY (Summer):**

Present weather condition is congenial for Bacterial Leaf Blight disease in Paddy. To control BLB, remove the weeds and keep the field clean. Avoid excess use of “Nitrogenous” Fertilizer. Apply MOP @ 6-8kg/acre. Spray Copper Hydroxide 53.8%DF @ 600g/acre or 200g Plantomycin along with CopperOxy Chloride 50% WP @ 600g/acre.

**GROUNDNUT:**

Increase in temperature may enhance red hairy caterpillar and tobacco caterpillar infestation in groundnut. To control, spray Profenophos 50% EC @ 400 ml/ 200 litre of water or Flubendiamide 480 SC @ 40 ml/200 litre of water.

**TOMATO:**

When tomatoes are exposed to direct sunlight without any protection sunscald disorder occurred. To prevent it keep fruit shaded as long as possible and prune carefully so that fruit aren't over exposed to the sun rays directly. Avoid straight staking techniques. Grow resistant cultivars such as- Arka Vardan, Hisar Lalit, SL-120, Pusa Hybrid-2, NTDR-1, Tomato Tarun F1 and Tomato Tulsi F1.

**AMARANTHUS:**

Now it is optimum time for sowing of Amaranthus. Lay out small beds of 5 ft. long, 4 ft. wide with bunds all around. 4- 6 kg seeds are required/acre. Because of small size seeds, mix the seeds with coarse sands for easy sowing. Cover the seeds with soil followed by straw to avoid high

### **CUCURBITS:**

There are chances of infestation of Pumpkin Beetle in cucurbit crops like Pumpkin, Bitter Gourd, Melon and Cucumber crops. To control Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400 ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400 ml/acre.

### **COWPEA:**

Present weather condition favourable for sowing of Cowpea. Some cowpea varieties are Swarna, Swarna harina, Utkal Manik, Pusa Dofasali, Pusa Raturaj, SEB 2, FS-68, K- 585, SGL- 1, Kashi Kanchan 1, Pant Lobia 3, Pant Lobia 4, Goa cowpea 3, Tirupati. Seed treatment is done by mixing fungicides like Vitavax Power @ 2 g/ Kg or Carbendazim @ 2 g/ kg of seed 24 hours before sowing.

### **WATERMELON:**

To control Thrips in Watermelon, use blue sticky traps @ 8/acre. For chemical control spray Thiamethoxam 25 % WG @ 40-gram /acre or Lambda cyhalothrin @ 300 ml/acre or Difenthiuron @ 200 gram/ acre or Fipronil @ 400 ml/acre by mixing in 200 litre of water.

### **ANIMAL HUSBANDRY:**

As temperature is increasing provide sufficient clean drinking water with salt to animals. Ensure that the animals are kept under shades.

Approved by ADR cum Nodal Officer  
GKMS-AMFU, RRTTS  
Mahisapat, Dhenkanal

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