



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



Deepanjali Dugal,  
Jr. Agrometeorologist

**Week No.06**

**Bulletin No.11**  
**Dt. 06.02.2024**  
**(TUESDAY)**

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

**Weather condition during last week (31.01.2024 to 06.02.2024)**

<b>Rainfall (mm)</b>	<b>0.0</b>
<b>Maximum Temperature (°C)</b>	<b>30.0-33.3</b>
<b>Minimum Temperature (°C)</b>	<b>17.8-21.4</b>

**Forecast (Up to 11.02.2024) 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>
07-02-2024	0	34	20	0	86	27	8	75
08-02-2024	0	33	19	1	93	28	7	146
09-02-2024	0	31	17	2	77	37	7	154
10-02-2024	0	30	17	0	48	27	7	105
11-02-2024	0	29	19	3	47	16	6	72

As per IMD forecast, the Dhenkanal district is likely to dry for the next five days with clear to partly cloudy sky. The wind speed is likely to remain 06-08 km/h. The maximum temperature is likely to remain between 29-34°C and minimum temperature between 17-20°C. The maximum RH will remain between 47% to 93% and minimum RH between 16% to 37% for the next five days.

**Agromet Advisory**

**General Advisory:**

- ❖ Farmers are advised to irrigate their field as there is mildly dry condition prevailed.
- ❖ Rabi season crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.
- ❖ Groundnut crop is flowering stage apply Gypsum 200 kg per acre.
- ❖ In onion crop, go for inter culture and hand weeding at 15-20 DAT. Apply 30kg of urea and 15kg of MOP fertilizer at this stage.

**PADDY (Summer):**

**Fertilizer Application (ActiveTillering)-**

Farmers those who have already transplanted should apply 35 kg Urea per acre at 3 weeks after transplanting at active tillering stage for high yielding paddy varieties.

**Yellow Stem Borer-**

To control stem borer in paddy at early stage of crop, apply Cartap Hydrochloride 4%G @ 8kg/acre or Fipronil 0.3 % GR @ 10kg/acre or Chlorantraniliprole 0.4 % GR @ 4kg/acre or Imidacloprid 0.3% GR @ 6kg/acre by mixing it with sand at 1:1 ratio.

**SUGARCANE:**

Carry out planting of Sugarcane crop. To manage sett rot disease after planting basal drenching with Carbendazim 12% + Mancozeb 63% @ 400-gram/acre or foliar spray with Metalaxyl 8% + Mancozeb 64% WP @ 400-gram/acre by mixing in 200-litre of water.

**BLACK GRAM & GREEN GRAM:**

To control Bihar hairy caterpillar in green gram and black gram crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Bihar Hairy Caterpillar are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos

### **GROUNDNUT:**

To manage the carrier of Bud necrosis disease (Thrips) during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. To manage Thrips chemically spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml/acre by mixing in 200 litres of water.

### **BRINJAL:**

Little leaf of Brinjal is a mycoplasma disease which is transmitted by leaf hopper. To manage this, first remove and destroy the infected plant. To manage the vector of the disease spray Thiamethoxam 25 % WG @ 50 g/acre or Flonicamid 50% WG @ 60 g/acre.

### **POTATO:**

To control cut worm in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Cut Worm pest are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.

### **ONION:**

To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval. Add a spreader or sticker for retention and spread of spray fluid on erect leaves of onion.

### **MANGO:**

To manage mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3ml/15litre of water or Acetamiprid 20% S.P. @ 4g/15litre of water. First spray should be done at the time of panicle emergence and second spray two weeks after first spray. Application of smoke below the plants can also help in reducing the pest population.

### **ANIMAL HUSBANDRY:**

For countering Foot and mouth diseases of cattle, care should be taken for FMD vaccination once in a year.

### **POULTRY:**

Sleeping disease of poultry has been found. Vaccinate the chicks with Lasota at 7 days and with IBD vaccines within 13-15 days.

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

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