



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



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**Week No.04**

**Bulletin No.07**  
**Dt. 24.01.2024**  
**(WEDNESDAY)**

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

**Weather condition during last week (18.01.2024 to 24.01.2024)**

<b>Rainfall (mm)</b>	<b>2.8</b>
<b>Maximum Temperature (°C)</b>	<b>24.0-30.4</b>
<b>Minimum Temperature (°C)</b>	<b>14.5-20.2</b>

**Forecast (Up to 29.01.2024) 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>
25-01-2024	15	21	16	8	93	78	7	66
26-01-2024	1	25	16	4	94	46	5	111
27-01-2024	0	26	15	3	90	36	5	108
28-01-2024	0	27	15	2	74	36	5	135
29-01-2024	0	27	14	1	81	33	5	118

As per IMD forecast, the Dhenkanal district is likely to receive very light to light rainfall for the next two days and dry weather thereafter with mainly cloudy to overcast sky. The wind speed is likely to remain 05-07 km/h. The maximum temperature is likely to remain between 21-27°C and minimum temperature between 14-16°C. The maximum RH will remain between 74% to 94% and minimum RH between 33% to 78% for the next five days.

**Agromet Advisory**

**General Advisory:**

- ❖ In view of rainfall forecast, Farmers are advised to withhold application of fertilizer, pesticide and irrigation activity for time being.
- ❖ In summer paddy, apply pre-emergence herbicide Pretilachlor 37% EW @ 600-700 ml/acre or Oxadiargyl 80%W. P @ 40-gm/acre or Pyrazosulfuron Ethyl 10% W.P @ 80-gm/acre at 1-3 DAT.
- ❖ To control Tikka disease in groundnut, spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600 gram/acre or Hexaconazole 5% E.C @ 300ml/acre.

**PADDY:**

To manage stem borer in paddy at early stage of crop, use Trichogramma japonicum card @ 1/acre (50000/ha) at weekly interval for 6 times by splitting each card into 12 pieces at the scheduled points. Use pheromone traps @ 5 /acre. Apply Cartap Hydrochloride 4 % G @ 8kg/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:**

Sugarcane crop is a heavy feeder. Apply 87kg of DAP, 20kg of MOP and 4- ton of FYM at the time of planting in trenches.

**BLACKGRAM AND GREENGRAM:**

Cloudy and foggy weather may cause powdery mildew disease in Blackgram and Greengram crop. To control this spray Sulphur 80% WP @800g/acre or Hexaconazole 5% E.C @ 300 ml/acre or Propiconazole 25% EC @ 200ml/acre or Penconazole 10% EC @ 100ml/acre by mixing in 200litre of water.

**MUSTARD:**

Due to foggy weather, there may be chances of white rust disease in Mustard, to control spray Metalaxyl @ 2g/liter of water.

**GROUNDNUT:**

Due to past rainfall there may be chances of stem rot in groundnut. To control this drench soil with Validamycin 3% L @ 400ml/acre or Captan 70 % + Hexaconazole 5 % WP@ 300g /acre.

**ONION:**

Apply pre-emergence herbicide Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT.

**COWPEA:**

- To control hairy caterpillar in Cowpea, spray flubendiamide 39.35%SC @ 80 ml /200 liter of water.
- If cercospora leaf spot is seen then spray difenoconazole 25%EC @ 200 ml or carbendazim 12% + mancozeb 63%WP 400gm/200 lit water per acre.

**COCONUT:**

- To control from the infestation of red palm weevil, apply carbendazim 3%G + Sand 1:1 ratio in the hole of the stem and plug the hole.
- To control from rhinoceros beetle clean the nearby compost yard of the coconut garden and disinfect it by applying 1.5% chloropyrifos dust.

**BANANA:**

To control sigatoka leaf spot spray 2g carbendazim 12% + mancozeb 63%WP or chlorothalonil 75%WP per litre of water.

**MANGO:**

The mango hoppers multiply rapidly in cloudy and foggy weather. 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.

**MARIGOLD:**

Spray 2ml chloropyrifos 20%EC or 2ml/ quinalphos 25%EC or profenofos 50%EC 2ml / 1lit water for controlling flower and bud eating insects.

Approved by ADR cum Nodal Officer  
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