



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



Deepanjali Dugal,  
Jr. Agrometeorologist

**Week No.11**

Dt. 15.03.2024  
(FRIDAY)

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

**Weather condition during last week (09.03.2024 to 15.03.2024)**

<b>Rainfall (mm)</b>	<b>0.1</b>
<b>Maximum Temperature (°C)</b>	<b>30.0-38.0</b>
<b>Minimum Temperature (°C)</b>	<b>16.0-21.0</b>

**Forecast (Up to 20.03.2024) given by Met. Centre, IMD, Bhubaneswar**

<b>Date</b>	<b>Rainfall (mm)</b>	<b>T-MAX (oC )</b>	<b>T-MIN (oC )</b>	<b>Cloud Cover</b>	<b>Rh Max (%)</b>	<b>Rh Min (%)</b>	<b>Wind speed (kmph)</b>	<b>Wind Direction (deg)</b>
16-03-2024	0	38	20	4	91	10	8	112
17-03-2024	2	37	20	4	60	17	7	180
18-03-2024	3	37	20	5	73	29	8	150
19-03-2024	10	34	21	6	60	28	7	281
20-03-2024	20	31	19	7	75	20	8	150

As per IMD forecast, very light to moderate rainfall is expected in Angul district during next five days except dry weather on Tomorrow. The sky will remain partly to generally cloudy. The wind speed is likely to remain 07-08 km/h. The maximum temperature is likely to remain between 31-38°C and minimum temperature between 19-21°C. The maximum RH will remain between 60% to 91% and minimum RH between 10% to 29% during next five days.

**Agromet Advisory**

**General Advisory:**

- ❖ Withheld sowing, spraying of pesticide and irrigation activities for some days as there is a chance of rainfall or thundershower.
- ❖ Provide mechanical support to cucurbits.
- ❖ Harvest the mature vegetables immediately.
- ❖ Complete the sowing of summer vegetables like cucurbits after the subsequent week to utilize the soil moisture effectively.

**PADDY (Summer):**

- ❖ Present weather congenial for Blast disease in paddy. To control blast disease spray Hexaconazole 5 % SC @ 400 ml/acre or Azoxystrobin 18.2% + Difenconazole 11.4 % S.C @ 200ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80 gram/acre.
- ❖ There is a chance of Bacterial Leaf Blight disease in paddy due to cloudy weather condition. To control this, 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.

**SUGARCANE:**

Top dressing with Urea @ 60-kg per acre each at 45, 75 and 105 days after planting should be done. Apply the rest 20 kg of MOP at the time of the third top dressing with Urea. Do not apply Urea after 120 days after planting as late application delayed maturity, reduces sucrose content and the total cane yield.

### **BRINJAL AND CHILLI:**

After rainfall there are chances of wilt disease in brinjal and chilli crop. To manage wilt disease in brinjal and chilli first uproot affected plants and destroy it away from the field. Drench the root zone of the plant with 200-ml of Tebuconazole mixed with 20-gram of Streptocycline per acre. Use 200-litre of water per acre for spraying.

### **OKRA:**

There are chances of sucking pest like aphids, Jassids, thrips and whiteflies in Okra. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600 ml/acre by mixing it in 200 litre of water. Then spray Thiamethoxam 25 % WG @ 40 g/acre or Acetamiprid 20 % SP @ 50 g/acre or Tolfenpyrad 15 % EC @ 400ml/acre by mixing it in 200 litre of water.

### **POINTED GOURD:**

Pointed gourd is at flowering and fruiting stage. Don't go for weeding. Grasses and weeds will help in maintaining the humidity and it is safe for creeping of the vines and does not allow the fruit to come in contact with soil and avoid fruit rot. High temperature leads to fungal wilting in pointed gourd, spray 1.5 ml Carbendazim in 1 litre water.

### **CUCURBITS:**

After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g /litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.

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

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & VermiCompost and Farm Implements).

**IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.**

Download: (Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>),  
(iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)