



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



Dr. Md. Abdul Alim,
 Technical Officer (I/C)

Week No.51

Bulletin No.364
Dt 18.12.2020
(FRIDAY)

DISTRICT: DHENKANAL

Weather condition during last week (12.12.2020 to 18.12.2020)

Rainfall (mm)	0
Maximum Temperature (°C)	29.4-31.7
Minimum Temperature (°C)	15.8-17.9

Forecast (Up to 23.12.2020 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)
19/12/2020	0	29	16	1	79	37	6	108
20/12/2020	0	29	13	0	63	34	5	79
21/12/2020	0	28	13	0	46	25	5	109
22/12/2020	0	28	12	0	48	21	4	135
23/12/2020	0	28	11	0	56	23	4	120

Agromet Advisory

- ➔ *No rain is expected during next five days.*
- ➔ *The sky will remain clear except Saturday as mainly cloudy.*
- ➔ *Wind will blow at a speed of 4-6 kmph.*
- ➔ *Max. temp will remain as 29 °C on Saturday and Sunday then it will decrease and remain as 28 °C from Monday to Wednesday and so also the min. temp. will decrease from 16 °C and remain as 13 °C on Sunday and Monday further it will decrease to 12 °C on Tuesday and 11 °C on Wednesday.*
- ➔ *The Max RH will decrease from 79% to 46% towards Monday and again it will increase 48% on Tuesday and 56% on Wednesday.*
- ➔ *Irrigate the crops as and when required as per the water requirement of the vegetable crop.*
- ➔ *Spray plant protection chemicals along with sticker for better results.*

Paddy :

- If there is 1- 2 % panicle neck infection by neck blast in rice, spray Tricyclazole 75% WP @ 0.6 g/litre of water or Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/liter of water.
- There is possibility of Mealy bug attack in paddy, to control it spray Acitamidrid or Thiomethoxam @ 5 gm/ 15 liter of water.
- Harvest the matured crop in time to avoid loss of grain during harvesting as well as transportation to threshing floor.

Groundnut :

- There is possibility of leaf spot disease attack, to control it spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land.

Sesame :

- To control leaf Webber in sesame spray Prophenphus or fipronil @2 ml per liter of water.

Vegetables :

- To control Aphid infestation in winter vegetables spray Thiomethoxam 2 80g per acre or Imidacloprid @ 80ml per acre in 200 liter of water.
- To control Black root disease in cabbage to spray Copperoxichloride @25gm along with 1.5 gm Streptocyclin in 10 liter of water. Reduce the application Nitrogenous fertilizer and increase dose of Potassic fertilizer.

Animal Science:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease.
- Provide dry and clean shelter to the animals.
- Provide sufficient clean drinking water to the animals.

Fisheries:

- Apply CaO @ 40 kg/ ac.m to the fish ponds.
- Reduce the fish feed by 20% as the intake of feed by the fish reduces due to fall in temperature.
- Maintain 5 ft depth of water in fish pond wherever it is possible otherwise harvest the fish completely.

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