



**Gramin Krishi Mausam Sewa,
Mid Central Table Land Zone
Orissa University of Agriculture and Technology
AMFU, RRTTS, Mahisapat -759013**



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Week No.24

**Bulletin No.176
Dt 11.06.2019
(TUESDAY)**

DISTRICT: DHENKANAL

Weather condition during last week (05.06.2019 to 11.06.2019)

Rainfall (mm)	16.1
Maximum Temperature (°C)	36.0-39.4
Minimum Temperature (°C)	24.2-28.4

Forecast (Up to 16.06.2019) 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)
12/6/2019	0	40	26	3	54	17	7	263
13/6/2019	0	41	25	3	43	16	9	240
14/6/2019	4	40	25	4	64	21	13	255
15/6/2019	3	39	25	4	47	18	9	236
16/6/2019	0	39	26	4	48	24	10	237

Advisory

- *Taking advantage of the rain on Sunday, immediately go for land preparation for direct sowing of seeds.*
- *Keep the seeds ready for sowing of kharif crops.*
- *7 mm rain is expected on Friday and Saturday.*
- *Sky will remain cloudy and Wind will blow at a speed 7-13 kmph.*
- *Spray plant protection chemicals along with sticker in clear weather for better result.*
- *Irrigate the crops as and when required as per the water requirement of the crop.*

Green gram, Black gram, Groundnut and Sesame:

- There is possibility of leaf spot disease attack, to control spray Carbendazyme+ Mancozeb @ 2g/ lit of water.
- To control it use 10-15 yellow sticky trap per acre of land.
- In the present context there is possibility of pod borer attack in green gram/ black gram, to control spray prophenophus @400 ml in 200 lit of water.

Brinjal- 1) **wilt in brinjal:** To control it spray Copper oxychloride @ 2.5 g + Plantomycin @ 1 g/ litre of water. 2) **Fruit and shoot borer:** To control it spray Neem based pesticide 1500 ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb @300g/acre at 15 days interval.

Tomato: In present weather condition, **fruit borer, leaf eating caterpillar and leaf miner** are major pest observed in the field. To control these pests, spray Spinosad 45SC@70ml/acre with 200 litres of water.

Bhendi: Due to white fly population rise there is possibility of YMV infestation, to control spray Thiomethoxam @ 1g with 4 litre of water.

Animal Husbandry:

- Make arrangement for sufficient clean drinking water for the livestock at different locations due to rise in temperature.
- Do not allow the animals for grazing in open field during the peak of temperature (11 AM to 3.00 PM).
- Arrange to feed the animals with green forages on regular basis.

Pisciculture:

- Maintain 5 ft water depth in the pond wherever it is possible.
- Apply CaO @ 40 kg/ ac.m size of pond to maintain the clarity of water where the fish cultivation goes on during summer too.

Livestock:

- Animals should not be allowed for grazing during hot part of the day, provide cool drinking water.
- During hot part of the day dairy cows should be showered with water to reduce heat stress.

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**