



**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.15

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(FRIDAY)**

DISTRICT: DHENKANAL

Weather condition during last week (06.04.2019 to 12.04.2019)

Rainfall (mm)	10
Maximum Temperature (°C)	34.0-40.0
Minimum Temperature (°C)	22.0-26.0

Forecast (Up to 17.04.2019) 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)
13/4/2019	1	38	22	1	63	26	4	162
14/4/2019	0	38	23	2	63	20	7	195
15/4/2019	3	39	24	2	59	21	8	185
16/4/2019	0	38	23	1	59	21	8	196
17/4/2019	1	36	24	3	60	21	9	225

Advisory

- *As per the SPI value the soil of the district experiences mildly dry condition.*
- *5 mm rain is expected on Saturday, Monday and Wednesday.*
- *Sky will remain partially cloudy and Wind will blow at a speed 4-9 kmph.*
- *Spray plant protection chemicals along with sticker for better result.*
- *Postpone irrigation till Wednesday if not so urgent.*
- *Irrigate the crops as and when required as per the water requirement of the crop.*

Summer mung :

- Apply 1 ton of well decomposed cow dung per ha during the final land preparation.
- Treat the seeds with Imidacloprid 600 FS @ 5 ml/kg of seed.
- Seed rate : 25 kg/ha, Spacing : line to line 30cm and plant to plant 10 cm.
- Apply basal dose of fertilizer @ 35 kg DAP, 4.0 kg urea and MOP per acre.
- Spray Pendimethalin @ 1.3 litre with 300 litre of water per acre.

Groundnut –Due to last week weather and wide gap between day and night temperature, there is possibility of attack of tobacco caterpillar To control the pest following steps should be followed.

- a) Use Pheromone trap using Spodo lure to monitor adult population of the insect.
- b) Bird perching should be encouraged and night fire should be widely popularized.
- c) In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Vegetables:

Brinjal- Fruit and shoot borer in Brinjal- Spray Neem based pesticide 1500ppm@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.

Wilt disease in solanaceous crops. To control:

- i) Remove and destroy the infected plants to prevent spread of the disease.
- ii) ii) Remove excess water from the crop field.
- iii) iii) Avoid excessive application of nitrogenous fertilizer
- iv) Spray Tebuconazole @ 200ml/acre with Streptocycline @20g/acre

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.
- Arrange to feed the animals with green forages on regular basis.

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**