



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



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**Week No.15**

**Bulletin No.115  
Dt. 12.04.2019  
(FRIDAY)**

**DISTRICT: ANUGUL**

**Weather condition during last week (06.04.2019 to 12.04.2019)**

Rainfall (mm)	7.6
Maximum Temperature (°C)	36.0-41.0
Minimum Temperature (°C)	18.0-22.0

**Weather Forecast up to 17.04.2019 given by Met. Centre, IMD, Bhubaneswar**

Date	Rainfall (mm)	T-MAX (deg.C)	T-MIN (deg.C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
13/4/2019	1	37	21	2	42	14	4	197
14/4/2019	0	39	22	3	42	13	6	186
15/4/2019	0	40	22	3	44	15	5	185
16/4/2019	0	41	22	1	50	14	4	168
17/4/2019	1	38	22	4	39	14	7	245

**Agromet Advisory**

- ➔ *As per the SPI value the soil of the district experiences mildly dry condition.*
- ➔ *2 mm rain is expected on Saturday and Wednesday.*
- ➔ *Sky will remain partially cloudy and Wind will blow at a speed 4-7 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) Remove excess water from the crop field.
- 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**