



**Gramin Krishi Mausam Sewa**  
**India Meteorological Department**  
**Orissa University of Agriculture and Technology**  
**RRTTS, Chiplima**



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Nodal Officer, GKMS

**Week no-41**

**No. 21 (Eng .Bulletin)**  
**Date: 12.10.2018**

**West Central Table Land Zone**  
**Sambalpur**

According to IMD, moderate rainfall is expected on Saturday, very light rainfall is expected on Sunday while light rainfall is expected on Monday and Tuesday with no rainfall is expected on Wednesday. The maximum temperature is likely to range between 29-32°C and the minimum temperature is may vary between 22-23°C. Generally cloudy sky may be observed from Saturday to Wednesday. The maximum relative humidity may vary between 75-96% and minimum relative humidity varying between 39-92%. Light air is likely to blow in WNW direction on Saturday while ENE direction on Sunday, Monday and Tuesday with SSW direction on Wednesday.

Date	13/10/2018	14/10/2018	15/10/2018	16/10/2018	17/10/2018
<b>Rainfall (mm)</b>	19	2	4	4	0
<b>Max Temperature (° C)</b>	29	32	32	32	32
<b>Min Temperature (°C)</b>	22	23	23	23	23
<b>Total cloud cover (okta)</b>	7	6	5	6	7
<b>Max Relative Humidity (%)</b>	96	94	93	91	75
<b>Min Relative Humidity (%)</b>	92	63	57	50	39
<b>Wind speed (km/h)</b>	5	3	2	3	2
<b>Wind direction (deg)</b>	303	34	67	65	205

**For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116**

**Agromet Advisory**

1. Moderate rainfall is expected on Saturday. Postpone the fertilizer or pesticide application to Monday.
2. In Rice, brown plant hopper incidence is observed in few areas. So, apply Pymetrozine 50WP @ 0.6 g/l.
3. In Rice, Bacterial leaf blight is observed in few areas, so spray 400 gram copper oxychloride + 200 gram plantomycin mixed in 200l water and spray twice at an interval of 15 days.
4. In Maize, if stem borer infestation is seen, apply granular pesticide like Phorate 10G @ 4kg/acre or Carbaryl 4G @ 8kg/acre in to the leaf whorl of the plant at 20 days after sowing.
5. Keep the harvested pulses or groundnut in well ventilated space but under shade.
6. In brinjal, fruit and shoot borer infestation is predominant, so apply Rynaxypyr 20SC @ 60 ml/acre or keep 25 pheromone traps per acre to manage the fruit and shoot borer population or release 20,000 Trichogramma parasites per acre. Bacterial wilting may be observed during this time, for which first remove and destroy the affected plant parts.

Then based on the condition of the plant apply (300gram streptocyclin + 400 gram Copper oxychloride) by mixing with 200l water and spray over the plants.

7. In Chilli, thrips may be seen. So, apply Ethion 50% EC @ 400ml/ acre or Imidacloprid 17.8% SL @ 60 ml/acre.
8. Pumpkin beetle is an important pest found in pumpkin. To control this apply Carbaryl (0.4kg/acre) or Malathion (2kg/acre). Destroy the old and infested plants.
9. The vegetable nursery should be covered with white polythene to protect it from the upcoming rains.
10. The vegetable nursery may be taken up on Monday.
11. If flowers are at 1 month stage, go for pruning of top portions to generate the lateral branches.
12. Provide clean drinking water to cattle and keep their sheds clean. Don't allow the urine or excreta to deposit around the shed which may lead to flies.
13. Provide vaccination at regular interval.
14. For carrying out Pisciculture activities, clean the pond properly.

**Nodal Officer**