



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



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Week no-30

No. 60(Eng .Bulletin)
Date: 28.07.2020

West Central Table Land Zone

Sambalpur

According to ERFSS, there may be -19.2% depreciation in rainfall from 02.08.2020 to 08.08.2020. According to IMD, moderate rainfall on Wednesday and Sunday, while light rainfall on remaining days is expected in the upcoming 5 days. The maximum temperature is likely range between 32-34°C and the minimum temperature may likely range between 25-27°C. Partly cloudy sky to generally cloudy sky is expected in the upcoming 5 days. The maximum relative humidity may vary between 73-89% and minimum relative humidity varying between 43-57%. Light air is likely to blow in SSE direction on Wednesday and Sunday, WSW direction on Saturday with SSW direction on remaining days.

Date	29/07/2020	30/07/2020	31/07/2020	01/08/2020	02/08/2020
Rainfall (mm)	14	7	4	5	12
Max Temperature (° C)	32	33	34	33	33
Min Temperature (°C)	26	27	27	26	25
Total cloud cover (okta)	6	5	4	5	6
Max Relative Humidity (%)	89	84	73	74	82
Min Relative Humidity (%)	57	55	49	43	49
Wind speed (km/h)	5	5	6	5	5
Wind direction (deg)	166	192	220	229	157

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

Agromet Advisory

General Advisory

1. Keeping in view the medium rainfall during next five days, the farmers are advised to make proper arrangement for drainage in vegetables, pulses, maize and nurseries.
2. On farm water harvesting structures (farm pond) should be made to harvest rain water for providing protective irrigation.
3. Hoeing and weeding should be done during kharif season to improve the water conservation and keep the field clean.
4. Conserve moisture by mulching in the vegetable crops.
5. Before transplanting rice, dip the root of the seedlings in Chloropyiphos solution for 6-8 hours (10ml chloropyiphos in 10lt water).
6. Sow non paddy crops like ragi, maize, arhar, greengram, blackgram, cowpea, guar, sesame, groundnut, castor and tuber crops.
7. Niger varieties like Deomali, Alasi-1, Utkal Niger 150 can be sown in the month of August.
8. Grow vegetables like tomato, brinjal, okra, runner beans etc.
9. Strengthen the field bunds and close the holes to check the seepage losses.
10. Fall Army Worm pest is seen in maize. To control it spray either Spinosad 45SC @ 3ml/l or Chlorantraniliprole 18.5 SC @ 0.4ml/l. Seeds should be treated with Cyantraniliprole 19.8% + Thiomethoxam 19.8% @ 4 ml per kg seed before sowing. Install 5 pheromone

traps / acre to monitor pest arrival. Egg parasitoids such as Trichogramma sps. can be released for destroying the egg stage of fall army worm.

11. Farmers are advised to sow sweet corn varieties like Madhuri, Almora sweet corn and baby corn varieties like HM-4, VL-42, Him-129 and Prakash. Proper drainage should be ensured in maize fields.
12. Before sowing legume crops, go for Rhizobium treatment @ 200g/120kg. seeds. In case of vegetables, go for biofertilizer treatment with Azotobacter/PSB @ 200g/10kg. seeds.
13. In case of Fruit borer in Tomato, apply 80 ml Spinosad 14.5SC in 200 lt water/acre.
14. In case of Fruit and Shoot borer in brinjal, go for application of 60ml Coragen 20 SC in 200 lt water/acre.
15. In case of red hairy caterpillar in pulses, go for application of 10kg chloropyriphos dust per acre.
16. Go for hoeing and weeding in groundnut.
17. Go for planting of marigold with varieties like Giant Ball, African Yellow, Early orange etc.
18. Marigold nursery preparation should be started in poly net house.

Nodal Officer