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India Meteorological Department
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KENDUJHAR- 758002

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Bulletin for Mayurbhanj district of North Central Plateau Agroclimatic Zone

The mean weekly maximum temperature at **Mayurbhanj** was 27.0 °C the mean daily minimum temperature was 15.0 °C & no rainfall at **Mayurbhanj** during the last five days.

Weather Forecast (up to 23.12.2020)

There is likely to be no rainfall during the next week. The wind speed may remain within 6-8 kmph. The maximum temperature is likely to remain 26-27 °C during the next five days. The minimum temperature is also likely to remain 11-14 °C during the next five days.

DISTRICT	Date	Rainfall (mm)	T-MAX (C)	T-MIN (C)	Cloud Cover	Rh Max (%)	Rh Min (%)	Wind speed (kmph)	Wind Direction (deg)
Mayurbhanj	19/12/2020	0	26	14	1	58	40	7	150
	20/12/2020	0	26	12	1	36	28	8	105
	21/12/2020	0	26	11	0	37	20	8	225
	22/12/2020	0	27	11	0	39	20	7	225
	23/12/2020	0	27	11	0	40	21	6	248

AGROMET ADVISORY

Summer Paddy

1. Complete nursery sowing in this week if not sown earlier.
2. Grow short duration HYV like Khandagiri (110 days) and medium duration varieties like Lalat (130 days).
3. Prepare wet seed bed and apply 40 baskets of FYM, 2kg Urea, 5kg SSP, and 2kg MOP in 800 mt sq. area for 1ha at final puddling.
4. Treat the seed with Bavistin @ 2gm or Vitavax power @ 1.5 gm/Kg of seed and after seven days to separate the chaffy grains, the seeds should be poured in to the salt solution of 165 g common salt in 1 litre water and separate the chaffy grain which floats. Wash the seeds in the clean water. Soak the seeds in clean water for 24 hours, drain the water, Heap them in cemented floor or over polythene sheet and cover them with wet gunny bags and sprinkle water for 2 to 3 times a day to have better and quick germination. . After emergence sprouted seeds are sown in the puddled nursery beds

Pulse crop:

1. The Green gram and black gram crop is at (9-10 weeks) pod development stage. Care should be taken to protect the crops from leaf spot disease by spraying Indofil M 45 @2.5g/lit. of water.
2. If the crop is infested by YMV spray Imidacloprid @1ml/04lt. of water to control the vectors.
3. Spray Triazophos or Chloropyriphous @2ml/lit of water to save the damage from pod borer/hairy caterpillar.

Oilseed crop:

1. The mustard and ground nut crop is at six to seven week stage.
2. The groundnut crop is at flower initiation stage. In groundnut complete hoeing and weeding at this stage. Light earthing up should be done for better penetration of pegs.
3. The mustard crop is at pod development stage. Apply irrigation if available for better flowering and pod formation. Care should be taken to protect the mustard crop from aphid infestation by spraying Dimethoate 1.5ml/ lit or Imidacloprid @1ml/04lt. of water. To check the incidence of Alternaria. Blight of leaves spray Indofil-M 45@2.5g/lit of water. For controlling mustard Saw fly spray Chloropyriphous @2ml/lit. of water. For controlling pod borer spray Triazophos @2ml/lit. of water.
4. To control Tikka and rust disease in groundnut spray Indofil –M 45 @2.5g/lit. of water. For control of aphids spray Imidacloprid @1ml/04lt of water.

Vegetables: As the night temperature would be low, cover the vegetable seedling by paper packets during night time.

Chilli: To control Chilli Thrips causing Leaf Curl apply a mixture of Acetamid @ 5gm/Tank of water and Oomite @ 2ml/Liter of water.

Onion: Go for transplanting of onion. Uproot the seedlings when attain 12-15 cm height. Transplant the seedlings of 8-10 weeks old in winter. Plough the land for 4-5 times and pulverise. Lay out beds of 2 m wide and level the beds. During the bed preparation, apply 10 kg Chloropyriphos to avoid white ant or cutworm. Apply 8-10 ton ground FYM/acre before one week of land preparation. Apply 50% N, all P and K of the recommended dose of 48:24:24 kg NPK as basal. Transplant the seedlings in lines at a distance of 15 cm with 10 cm apart between seedlings.

Tomato -To control the attack of Aphids and White fly, apply Metasystox @ 2ml/ litre of water. In case of infestation of Pod borer, spray Endosulfan @ 2ml/litre of water.

Country bean – Aphid – Spray Malathion @ 2ml/litre of water. The beans will be used for consumption purpose 7 day after application of this pesticide.

Cole Crops(cauliflower & cabbage):

Due to deficiency of Boron in cauliflower, fully matured flower loses its compactness. Hence, spray Borax @ 5 gm per litre of water to correct the deficiency of Boron.

To control hollow stem in cauliflower, apply recommended dose of Nitrogen

fertilizer along with 4-6 kg of Borax/acre as basal. Spray 1 g Beam (Alwar) in each litre water. Maintain optimum spacing rather than wider spacing.

To control Leaf Blight in Cauliflower spray the mixture of Copper Oxchloride @ 5gm/Liter+4gmMancozeb twice.

Diamond back moth at later stages can be controlled by B.T. chemicals @ 1g or Quinolphos @ 2 ml per liter of water is recommended.

Animal Husbandry: Protect the animals from cold wave. In the present conditions there is likely attack of F.M.D to the milch animals. Vaccinate the animals.

Technical Officer
