Bulletin for **Mayurbhanj** district of North Central Plateau Agroclimatic Zone
The mean weekly maximum and minimum temperature at **Mayurbhanj** was 38.5\(^{0}\)C and 24 \(^{0}\)C respectively with 7.4mm rainfall.

**Weather Forecast (up to 20.04.20)**
There is likely to be 21 mm rainfall during the next week. The wind speed may remain within 6-11 kmph. The maximum and minimum temperature will remain within 37-39 \(^{0}\)C and 25-26\(^{0}\)C during the next five days. Similarly, the maximum and minimum RH will remain within 62-88\% and 14-31 \% respectively during the next five days. Sky will remain partly cloudy.

### AGROMET ADVISORY

**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.

**Sunflower:**
- Current fluctuation in temperature gradient is congenial for attack of Tobacco caterpillar (Spodoptera litura) and head borer.
- 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.
- If feasible, spray Lambda cyhalothrin 4.9CS@300ml/acre or Emamectin benzoate @60g/acre during afternoon hours to control the pest.

**Wilt disease in solanaceous crops.**
To control:
- Remove and destroy the infected plants to prevent spread of the disease.
- Remove excess water from the crop field.
- Avoid excessive application of nitrogenous fertilizer
- Spray Tebuconazole @ 200ml/acre with Streptocycline @20g/acre.

**Tuberose -**
Tuberose can be planted from February to May.
Grow var. like Shringar, Coimbatore Single and Kolkatta Single and Suhasini double.
40,000 tubers are required/acre.
Apply 1/3rd Nitrogen and full P & K before planting of the recommended dose of 80:80:80 kg NPK/acre.
Apply 160 kg Neem oilcake in nematode affected areas.
Plant the tubers in lines in a spacing of 30X30 cm.

Ginger.
Grow suitable high yielding varieties of ginger like Suprava, Suruchi, Surabhi.
6-8 quintals ginger is required for planting for one acre.
Cut the ginger into pieces of 15-19 g each with at least with 2-3 buds.
Apply 6 tons FYM during final land preparation and 10 tons after planting.
Apply full P, and 50% K of the recommended fertilizer dose of 50:40:40 kg NPK/acre as basal.
Plant the seed material in lines at 25 cm apart at 5 cm sowing depth. Cover the beds with straw.

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.

Technical Officer