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Week No.: 30

AGRO ADVISORY BULLETIN
District - Malkangiri (South Eastern Ghat Zone)

Date: 28.07.2020

| Weather condition during last four days | | | | |
|--|------------|------------|------------|------------|
| Date | 24.07.2020 | 25.07.2020 | 26.07.2020 | 27.07.2020 |
| Rainfall (mm) | 0 | 0.1 | 0.7 | 0 |
| Maximum temperature (°C) | 30.2 | 33.3 | 34.2 | 34.6 |
| Minimum temperature (°C) | 24.1 | 24.3 | 24.8 | 26.1 |

Forecast up to 02.08.2020 (According to MC, IMD, Bhubaneswar)

Chances of mainly cloudy sky and light to moderate rainfall during next five days. Maximum temperature is expected to be 33-36°C and minimum temperature is expected to be 25-26°C. Maximum and minimum relative humidity is expected to be 83-91% and 49-62%, respectively.

| Date | 29.07.2020 | 30.07.2020 | 31.07.2020 | 01.08.2020 | 02.08.2020 |
|-----------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 10 | 6 | 2 | 10 | 15 |
| Maximum temperature (°C) | 36 | 35 | 35 | 34 | 33 |
| Minimum temperature (°C) | 25 | 25 | 26 | 26 | 25 |
| Cloud cover | 6 | 5 | 5 | 6 | 6 |
| Relative humidity- Max. (%) | 87 | 91 | 83 | 83 | 83 |
| Relative humidity- Min. (%) | 57 | 62 | 50 | 49 | 49 |
| Wind speed (Km/hour) | 2 | 2 | 3 | 2 | 3 |
| Wind direction (°) | 194 | 207 | 182 | 176 | 183 |

Agro Advisory

General:

- In view of threat of Corona virus, a measure of personal hygiene and social distancing is to be followed by those engaged in different farm operations.
- As per extended rainfall forecast, chances of below normal rainfall during 2 – 8 August.
- Complete the sowing of non-paddy crops like Ragi, Maize, Arhar, Green gram, Black gram, Cowpea, Sesame etc.
- Complete the sowing of fodder crops like maize, sorghum, cowpea etc. Use seed rate of 20, 14 and 14 kg/acre for maize, sorghum and cowpea, respectively.
- It is right time to give basal dose of fertilizer to plantation crops. First round application of fertilizers (organic/inorganic) is recommended, 3 feet from the base of the plant and covering with the plant residues, along with application of Boron and Zinc.
- Due to high humidity possibilities of pest and disease build up in already sown crop. Take protection measures depending on the crop and weather condition.
- Download Meghdoot mobile app for weather based crop advisory and Damini app for lightning alert from play store.

Kharif Rice:

- To control weeds in upland rice spray Bispyribac sodium 10% SC at 120ml/acre in 120 litres of water at 8-10 days after emergence when the weeds are at 2-3 leaf stage.
- After uprooting of 25 - 30 days old seedling, root dipping should be done with Chloropyriphos solution (1 ml/litre of water) for reducing insect attack.
- Bacterial blight can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- In zinc deficient areas apply Zinc Sulphate @ 10 kg/acre and in boron deficient soil apply Borax @ 2 kg/acre at the time of final land preparation.
- Transplanting should be done @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting.
- Problem of weeds may aggravate after transplanting due to deficient in rainfall during last few days. Bensulfuron methyl 0.6% + Pretilachlor 6% GR may be applied with sand mix at 1:1 ratio @ 4 kg/acre within 3 - 7 days after transplanting for controlling weeds.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestion.

Nodal Officer
GKMS, Malkangiri