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Week No.: 51

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

Date: 18.12.2020

Weather condition during last three days			
Date	15.12.2020	16.12.2020	17.12.2020
Rainfall (mm)	0	0	0
Maximum temperature (°C)	31.6	32.2	31.6
Minimum temperature (°C)	15.5	17.0	17.0

Forecast up to 23.12.2020 (According to MC, IMD, Bhubaneswar)

Chances of clear to mainly clear sky and no rainfall during next five days. Maximum temperature is expected to be 30-32°C and minimum temperature is expected to be 12-18°C. Maximum and minimum relative humidity is expected to be 61-84% and 24-34%, respectively.

Date	19.12.2020	20.12.2020	21.12.2020	22.12.2020	23.12.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	32	31	31	30	30
Minimum temperature (°C)	18	16	14	12	12
Cloud cover	1	1	0	0	0
Relative humidity- Max. (%)	84	78	71	61	67
Relative humidity- Min. (%)	34	32	25	25	24
Wind speed (Km/hour)	4	4	4	4	4
Wind direction (°)	72	71	90	72	90

Agro Advisory

General:

- No rainfall and dry weather expected during next five days. So, go for irrigation in crop field as per requirement.
- Farmers are advised for not to burn the residue of kharif crops in the fields because it not only pollute the environment but also causes the severe health problems.
- Most of the land kept fallow after rice. So, crops like groundnut, maize, vegetables etc. should be grow immediately in irrigated medium lands.

Rice:

- As weather will remain dry, continuing harvesting of kharif paddy. Farmers are advised to harvest and process different varieties separately without mixing for better price. Before storing of paddy, it should be dried to bring down moisture level below 12%.
- Weather is suitable for nursery rising of summer rice. Early planting reduces stem borer attack and the crop is harvested early which leave enough time for land preparation of kharif crops, so complete the nursery rising within December. To reduce incidence of seed borne diseases, before sowing treat the seeds with Carbendazim @ 1.5 g/kg seed.

Pulses:

- Complete the sowing of green gram at a spacing of 25 cm x 10 cm with seed rate of 10 kg/acre. Suspend 200 g of Rhizobium culture and 250 g PSB in 600 ml of water and mix thoroughly. Now drop by drop pour the slurry on 10 kg seed and mix it till the uniform coating of culture is obtained on all seeds. Dry the treated seeds in shade and sow immediately in afternoon. Apply 35 kg DAP, 4 kg urea and 13 kg MoP per acre at final land preparation before sowing.

Oilseeds:

- Go for sowing of *rabi* groundnut at a spacing of 25 cm x 10 cm with seed rate of 50 kg/acre. Apply 35 kg DAP, 4 kg urea and 27 kg MoP per acre along with 10 kg zinc sulfate and 4 kg borax/acre as basal. Before sowing seed should be treated with 10 g *Trichoderma harzianum/viride* or 3 g Carboxin 37.5% + Thiram 37.5% DS for one kg seed. After 7 days of above treatment go for treatment with Rhizobium culture @ 600 g for 50 kg seeds.
- To reduce collar rot or stem rot of groundnut apply neem or mustard cake @ 200 kg/acre at 15 days before sowing or in seed furrow at the time of sowing. In termite prone areas spray Chlorpyrifos 20% EC @ 4 ml/litre of water on the soil during final land preparation.

Vegetables:

- Tomato leaf curl virus may reported in present crop condition, spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 2 ml/litre of water at 15, 25, 45 days after transplanting to control vector
- To control the vector of YMV and leaf curling due to aphid infestation in okra spray Thiamethoxam 25% WG @ 0.2 g/litre of water.

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

Nodal Officer
GKMS, Malkangiri