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Week No.: 05

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

Date: 03.02.2023

Weather condition during last four days				
Date	30.01.2023	31.01.2023	01.02.2023	02.02.2023
Rainfall (mm)	0	0	0	0
Maximum temperature (°C)	33.2	33.3	33.2	33.1
Minimum temperature (°C)	15.4	17.4	16.2	15.4

Weather forecast up to 08.02.2023 (According to MC, IMD, Bhubaneswar)

Chances of clear to mainly cloudy sky and no rainfall during next five days. Maximum temperature is expected to be 32-33°C and minimum temperature is expected to be 14-15°C. Maximum and minimum relative humidity is expected to be 36-53% and 11-15%, respectively.

Date	04.02.2023	05.02.2023	06.02.2023	07.02.2023	08.02.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	32	32	33	33
Minimum temperature (°C)	15	14	14	15	15
Cloud cover	1	0	0	1	1
Relative humidity- Max. (%)	51	53	51	46	36
Relative humidity- Min. (%)	15	11	12	12	12
Wind speed (Km/hour)	4	4	4	4	5
Wind direction (°)	112	153	75	158	75

Agromet 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.

Groundnut:

- Chances of tobacco caterpillar infestation in groundnut, to control it spray Thiamethoxam 12.6% + Lambda-Cyhalothrin 9.5% ZC @ 0.3 ml/litre of water or Profenophos 50% EC @ 2 ml/litre of water.
- Collar rot and stem rot may observe, to control it spray Metalaxyl 8% + Mancozeb 64% WP @ 2 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water to the base of the plant.

Rice:

- For transplanted rice apply 4.5 kg urea, 44 kg DAP and 22 kg MoP per acre as basal dose during final puddling.
- In transplanted rice, to control weeds apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR @ 4 kg/acre with 4 kg sand at 5-8 days after transplanting.

Green gram & Black gram:

- Powdery mildew infestation may observe in field, if observe spray Propiconazole 25% EC @ 1 ml/litre of water or Sulphur 80% WP @ 4 g/litre of water.
- To control aphid and thrips spray Thiamethoxam 25% WG @ 0.2 g/litre of water or Acetamiprid 20% SP @ 0.3 g/litre of water.

Brinjal:

- Shoot and fruit borer may reported in brinjal field, to control it spray Azadirachtin 1% EC @ 3 ml/litre of water or Emamectin benzoate 5% SG @ 0.4 g/litre of water.

Tomato:

- Chances of infestation of sucking pests like white fly and aphid in tomato, to control these spray Thiamethoxam 12.6% + Lambda Cyhalothrin 9.5% ZC @ 0.25 ml/litre of water or Azadirachtin 5% EC @ 0.5 ml/litre of water.

Chilli:

- Fruit rot infestation may observe in field, if observe spray Azoxystrobin 23% SC @ 1 ml/litre of water or Tebuconazole 25.9% EC @ 1 ml/litre of water.

Mango:

- Chances of mango hopper infestation in present situation, to control it spray Imidacloprid 17.8% SL @ 3 ml or Thiamethoxam 25% WG @ 2 g in 10 litre of water.
- Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size.

Nodal Officer
GKMS, Malkangiri