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Week No.:14

AGRO ADVISORY BULLETIN

Date: 05.04.2024

District - Koraput (Eastern Ghat High Land Zone& South Eastern Ghat Zone)

Weather condition during last four days				
Date	01.04.2024	02.04.2024	03.04.2024	04.04.2024
Rainfall (mm)	0.0	0.0	0.0	0.0
T. Max. (°C)	37	37	38	37
T. Min. (°C)	15	-	-	-

Forecast up to 10.04.2024 (According to MC, IMD, Bhubaneswar)

- Chances of mainly clear to generally cloudy sky during next five days.
- Chances of very light to light rain fall during 07-09 April and no rainfall on 06 & 10 April.
- Maximum temperature is expected to be 34-38°C and minimum temperature is expected to be 17-20°C.
- Maximum and minimum relative humidity is expected to be 37-67%, and 14-29%, respectively.

Date	Rainfall (mm)	T. Max. (°C)	T. Min. (°C)	Cloud cover	RH Max. (%)	RH Min. (%)	Wind speed (Km/hour)	Wind direction (°)
06-04-2024	0	38	20	1	38	17	10	244
07-04-2024	2	37	19	3	37	14	9	240
08-04-2024	5	35	17	5	48	17	8	155
09-04-2024	15	34	17	6	67	22	10	158
10-04-2024	0	34	17	4	64	29	6	206

Agromet Advisory

General:

- Apply well decomposed Farm Yard Manure/ vermicompost during last ploughing in the field.
- Before raising any crop go for collection of soil sample and test it in nearby soil testing laboratory.
- Apply balanced fertilizers in all the crops as per soil test based recommendations mentioned in the soil health card.

Rice:

- Present weather may cause blast infestation in rice, to control it spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Azoxystrobin 16.7% + Tricyclazole 33.3% SC @ 1 ml/litre of water when weather becomes clear and dry.
- Cloudy weather and rainfall may cause bacterial leaf blight and bacterial leaf streak disease in paddy, to control it spray Copper oxychloride 50% WP @ 30 g and Streptomycin + Tetracycline (90+10) @ 1.5 g in 10 litres of water when sky becomes clear.

Groundnut:

- After rainfall chances of tobacco caterpillar and red hairy caterpillar infestation in groundnut, to control these spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 39.35 % SC @ 0.2 ml/litre of water when weather becomes clear and dry.
- Expected weather may cause rust and tikka disease in groundnut, to control these spray Chlorothalonil 75% WP @ 2 g/litre of water or Tebuconazole 25.9% EC @ 1 ml/litre of water when weather becomes clear and dry.
- Expected weather may cause stem rot in groundnut, if observe spray Metalaxyl 8% + Mancozeb 64% WP @ 2 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water when weather becomes clear and dry.

Maize:

- Present weather may cause root and stalk rot in maize, to control it spray Validamycin 3% L @ 2 ml/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water when weather becomes clear and dry.

Green gram:

- Present weather may cause rust infestation in green gram, to control it spray Chlorothalonil 75% WP @ 2 g/litre of water or Difenconazole 25% EC @ 1 ml/litre of water when weather becomes clear and dry.

Tomato & Brinjal:

- Present weather may cause wilting in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 25 g and Streptomycin + Tetracycline (90+10) @ 1.5 g in 10 litres of water when weather becomes clear and dry.
- Chances of late blight infestation in tomato field, to control it spray Azoxystrobin 18.2% + Difenconazole 11.4% SC @ 1 ml/litre of water or Captan 50% WP @ 2.5 g/15 litre of water when weather becomes clear and dry.

Chilli:

- To control thrips in chilli spray Thiamethoxam 12.6% + Lambda Cyhalothrin 9.5% ZC @ 0.3 ml/litre of water or Imidacloprid 17.8% SL @ 0.5 ml/litre of water when weather becomes clear and dry.

Cucurbits:

- Present weather may cause downy mildew in Cucurbitaceous crops. If observe spray Metalaxyl 8% + Mancozeb 64% WP @ 2 g/litre of water or Zineb 75% WP @ 2.5 g/litre of water when weather becomes clear and dry.
- Chances of red pumpkin beetle infestation in cucurbitaceous crops like cucumber, bottle gourd and watermelon. To control it spray two times with Azadirachtin 0.03% (300 ppm) @ 5-10 ml/litre of water or Azadirachtin 5% @ 0.5 ml/litre of water or Cyantraniliprole 10.26% OD @ 1.8 ml/litre of water at 10 days interval.

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermi Compost and Farm Implements).

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

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