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Week No.:50

AGRO ADVISORY BULLETIN

Date: 12.12.2023

District - Malkangiri (South Eastern Ghat Zone)

Weather condition during last four days				
Date	08.12.2023	09.12.2023	10.12.2023	11.12.2023
Rainfall (mm)	0.0	0.0	0.0	0.0
T. Max. (°C)	27	31	-	31
T. Min. (°C)	19	19	17	17

Forecast up to 17.12.2023 (According to MC, IMD, Bhubaneswar)

- Chances of clear to partly cloudy sky during next five days.
- Chances of no rainfall during 13-17 December.
- Maximum temperature is expected to be 29-30°C and minimum temperature is expected to be 14-16°C.
- Maximum and minimum relative humidity is expected to be 70-85%, and 31-39%, respectively.

Date	Rainfall (mm)	T. Max. (°C)	T. Min. (°C)	Cloud cover	RH Max. (%)	RH Min. (%)	Wind speed (Km/hour)	Wind direction (°)
13-12-2023	0	30	16	2	85	39	4	75
14-12-2023	0	30	15	3	83	34	4	72
15-12-2023	0	30	15	2	79	36	4	112
16-12-2023	0	29	15	0	77	34	4	63
17-12-2023	0	29	14	0	70	31	4	68

Agromet Advisory

General:

- 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.
- In rainfed shallow lowlands where irrigation facilities are not available, crops like greengram, blackgram, lentil etc. can be raised as paira crop by sowing them on standing crop of rice under saturated moisture condition at least 15 days before harvesting of rice. Use 25% more seeds of the recommended seed rate.
- In uplands, toria, yellow sarson, etc. can be grown if limited water is available for irrigation.
- Crops like groundnut, *rabi* maize etc. should be sown immediately after harvesting of rice in irrigated medium lands.

Rice:

- 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 properly.
- 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.
- For productions of healthy seedlings apply 160 kg FYM along with 3.5 kg DAP, 2.7 kg MoP, 2.1 kg urea and 160 g Zinc for 8 decimal area as basal dose. Before sowing seeds should be treated with 3 g Carbendazim 50% WP or 2 g Carboxin 37.5% + Thiram 37.5% DS for one kg seeds.

Groundnut:

- Go for land preparation and 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/virideor* 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.

Mustard/Toria:

- Complete the sowing of toria/mustard with seed rate of 3 kg/acre at a spacing of 30 cm x 10 cm. Before sowing seed should be treated with Carboxin 37.5% + Thiram 37.5% DS @ 1.5 g/kg seeds.
- Apply 22 kg urea, 35 kg DAP and 27 kg MoP per acre for mustard; and 13 kg urea, 22 kg DAP and 17 kg MoP per acre for toria as basal dose.
- Apply gypsum @ 100 kg/acre or Sulplur (90% S) @ 20 kg/are as basal dose.

Brinjal:

- Shoot borer may observe 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 early blight infestation in tomato, if observe spray Azoxystrobin 18.2% + Difenconazole 11.4% SC @ 1 ml/litre of water or Captan 50% WP @ 2.5 g/litre of water.
- White fly may observe in tomato, to control it spray Thiamethoxam 12.6% + Lambda Cyhalothrin 9.5 ZC @ 3.75 ml or Imidacloprid 70% WG @ 1.5 g in 15 litre of water.

Okra:

- To control the vector of YMV and leaf curling due to aphid infestation in okra spray Buprofezin 15% + Acephate 35% WP @ 1.5 g/litre of water or Thiamethoxam 25% WG @ 3 g in 15 litre of water.

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).

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language. Download :(Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>), (iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>)

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

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