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Week No.: 49

AGRO ADVISORY BULLETIN

Date: 05.12.2023

District - Nabarangpur (Eastern Ghat High Land Zone)

Forecast up to 10.12.2023 (According to MC, IMD, Bhubaneswar)

- Chances of partly cloudy to generally cloudy sky during next five days.
- Chances of very light to moderate rainfall during 06-09 December and no rainfall on 10 December.
- Maximum temperature is expected to be 27-30°C and minimum temperature is expected to be 16-20°C.
- Maximum and minimum relative humidity is expected to be 96-98%, and 61-83%, respectively.

Date	Rainfall (mm)	T. Max. (°C)	T. Min. (°C)	Cloud cover	RH Max. (%)	RH Min. (%)	Wind speed (Km/hour)	Wind direction (°)
06-12-2023	25	28	20	7	97	73	13	63
07-12-2023	25	27	19	7	96	80	14	66
08-12-2023	7	29	19	6	98	83	7	69
09-12-2023	1	30	17	4	98	61	6	34
10-12-2023	0	30	16	3	96	63	7	45

Agromet Advisory

General:

- In view of probable rain from 06 December, harvest the paddy if 85% of grains are matured. Keep the harvested products in safe place and cover the harvested paddy with polythene to keep it safe from rain. Do not leave harvested paddy in field.
- 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:

- Go for harvesting of early sown rice when 80-85% grains in the panicles are matured and keep in safe place.
- Chances of gundhi bug incidence for crop at milking stage. If observe spray Ethofenoprox 10% EC @ 1 ml/litre of water or Imidacloprid 6% + Lambda Cyhalothrin 4% SL @ 0.6 ml/litre of water.

Maize:

- Optimum time for sowing of *rabi* maize. Go for sowing at a spacing of 60 cm x 20 cm with seed rate of 6 kg/acre. Apply 35 kg DAP, 4 kg urea and 27 kg MoP per acre along as basal dose.
- To control weeds in maize spray Atrazine 50% WP @ 800 g/acre with 200 litres of water within 3 days after sowing.

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/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.

Mustard/Toria:

- Go for 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:

- Apply 44 kg urea and 20 kg MoP per acre at 3 to 4 week stage. To get higher yield spray micronutrient mixture @ 3-4 g/litre of water at 4 week stage.
- 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:

- Apply 44 kg urea and 27 kg MoP per acre at 3 week stage after weeding.
- 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.

Chilli:

- To control thrips in chilli spray Thiamethoxam 12.6% + Lambda Cyhalothrin 9.5% ZC @ 4.5 ml or Imidacloprid 17.8% SL @ 7.5 ml in 15 litres 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 & VermiCompost 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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