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Week No.: 03

AGRO ADVISORY BULLETIN

Date: 19.01.2024

District - Nabarangpur (Eastern Ghat High Land Zone)

Forecast up to 24.01.2024 (According to MC, IMD, Bhubaneswar)

- Chances of mainly clear to partly cloudy sky during next five days.
- Chances of no rainfall during next five days.
- Maximum temperature is expected to be 29-31°C and minimum temperature is expected to be 15-16°C.
- Maximum and minimum relative humidity is expected to be 67-89%, and 31-47%, respectively.

| Date | Rainfall (mm) | T. Max. (°C) | T. Min. (°C) | Cloud cover | RH Max. (%) | RH Min. (%) | Wind speed (Km/hour) | Wind direction (°) |
|------------|---------------|--------------|--------------|-------------|-------------|-------------|----------------------|--------------------|
| 20-01-2024 | 0 | 31 | 15 | 1 | 67 | 34 | 4 | 120 |
| 21-01-2024 | 0 | 31 | 15 | 2 | 68 | 31 | 5 | 180 |
| 22-01-2024 | 0 | 30 | 16 | 1 | 70 | 39 | 5 | 243 |
| 23-01-2024 | 0 | 29 | 16 | 3 | 76 | 43 | 6 | 124 |
| 24-01-2024 | 0 | 29 | 16 | 3 | 89 | 47 | 7 | 169 |

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.
- Apply balanced fertilizers in all the crops as per soil test based recommendations mentioned in the soil health card.
- To increase temperature in nursery for late transplanting of tomato, brinjal, cabbage and cauliflower, cover nursery area with polythene at night and remove it on day.

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.

Maize:

- To control weeds in maize spray Tembotrione 34.4% SC @ 115 ml/acre in 200 litre of water at 20-25 days after sowing.
- Go for top dressing of urea @ 35 kg/acre at 20-25 days after sowing.
- Fall army worm may observe in field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water.

Groundnut:

- Go for weeding after 3-4 weeks, apply well powdered gypsum @ 100 kg/acre close to the base of the plant and incorporate in the soil. After application irrigate the crop.
- Collar rot and stem rot may observe in groundnut, 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.

Mustard/Toria:

- Go for top dressing of urea @ 35 kg/acre for mustard and 22 kg/acre for toria at 21 days after sowing.
- Chances of aphid infestation, if observe spray Dimethoate 30% EC @ 1.5 ml/litre of water or Imidacloprid 17.8 % SL @ 0.3 ml/litre of water.

Cabbage:

- To increase yield spray Borax (10.5% B) @ 3 g/litre of water at 30 and 50 days after transplanting.
- Chances of aphid infestation in cabbage, if observe spray Thiamethoxam 25% WG @ 0.4 g/litre of water or Acetamiprid 20% SP @ 0.2 g/litre of water.

Cauliflower:

- Chances of diamond back moth infestation in cauliflower, if observe spray Azadirachtin 5% W/W @ 0.5 ml/litre of water or Emamectin benzoate 5% SG @ 0.4 g/litre of water.
- To increase yield spray Borax (10.5% B) @ 3 g/litre of water at 30 and 50 days after transplanting.

Brinjal:

- Apply 43 kg urea and 20 kg MoP per acre in brinjal at 40 DAT followed by earthing up and irrigation.
- Shoot and fruit borer may reported in brinjal field, to control it spray 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.

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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