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**Week No.: 05**

**AGRO ADVISORY BULLETIN**

**Date: 02.02.2024**

**District - Nabarangpur (Eastern Ghat High Land Zone)**

**Forecast up to 07.02.2024 (According to MC, IMD, Bhubaneswar)**

- Chances of clear to partly cloudy sky during next five days.
- Chances of very light rainfall on 03 feb and no rainfall during next four days.
- Maximum temperature is expected to be 30-32°C and minimum temperature is expected to be 14-15°C.
- Maximum and minimum relative humidity is expected to be 49-70%, and 20-36%, respectively.

Date	Rainfall (mm)	T. Max. (°C)	T. Min. (°C)	Cloud cover	RH Max. (%)	RH Min. (%)	Wind speed (Km/hour)	Wind direction (°)
03-02-2024	1	31	15	4	62	36	6	214
04-02-2024	0	30	15	0	49	23	6	75
05-02-2024	0	31	14	0	57	20	7	207
06-02-2024	0	32	15	2	67	22	8	212
07-02-2024	0	32	14	2	70	26	10	246

**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.

**Rice:**

- Apply light irrigation to the nursery beds twice a week. The rice seedlings at 4-5 leaf stage are ready for transplanting.
- Blast in rice nursery may observe, to control it spray the nursery area with Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water.
- For transplanted rice apply 4.5 kg urea, 44 kg DAP and 22 kg MoP per acre as basal dose during final puddling.

**Maize:**

- Fall army worm may observe in *rabi* maize 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.
- Complete the sowing of summer maize within 1<sup>st</sup> week of February at a spacing of 60 cm x 20 cm with seed rate of 6 kg/acre. Apply of 52 kg DAP and 40 kg MoP per acre as basal dose. To control weeds spray Atrazine 50% WP @ 800 g/acre with 200 litres of water within 3 days after sowing.

**Groundnut:**

- Chances of tobacco caterpillar infestation in *rabi* 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 in *rabi* 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.
- Go for land preparation and sowing of summer 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.

**Mustard/Toria:**

- 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.

**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.

**Brinjal:**

- 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 infestation of sucking pests like white fly and aphid in tomato, to control these spray Thiamethoxam 12.6% + Lambda Cyhalothrin 9.5 ZC @ 3.75 ml or Azadirachtin 5% EC @ 7.5 ml in 15 litre of water.

**Okra:**

- To control fruit borer in okra spray neem based pesticide 300 ppm @ 5ml/litre of water. At later stages spray of Spinosad 45% SC @ 0.4ml/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.

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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