



Gramin Krishi Mausam Sewa
India Meteorological Department, AMFU, Malkangiri
Odisha University of Agriculture & Technology
Krishi Vigyan Kendra, Malkangiri
Mundaguda, P.O.+Dist.- Malkangiri, Odisha- 764045



Week No.:07

AGRO ADVISORY BULLETIN

Date: 13.02.2024

District - Malkangiri (South Eastern Ghat Zone)

| Weather condition during last four days | | | | |
|--|-------------------|-------------------|-------------------|-------------------|
| Date | 09.02.2024 | 10.02.2024 | 11.02.2024 | 12.02.2024 |
| Rainfall (mm) | 0.0 | 0.0 | 0.0 | 0.0 |
| T. Max. (°C) | 34 | 34 | 31 | 35 |
| T. Min. (°C) | 21 | 23 | 21 | 20 |

Forecast up to 18.02.2024 (According to MC, IMD, Bhubaneswar)

- Chances of clear to mainly clear to overcast sky during next five days.
- Chances of no rainfall during next five days.
- Maximum temperature is expected to be 30-35°C and minimum temperature is expected to be 18-20°C.
- Maximum and minimum relative humidity is expected to be 43-53%, and 11-15%, respectively.

| Date | Rainfall (mm) | T. Max. (°C) | T. Min. (°C) | Cloud cover | RH Max. (%) | RH Min. (%) | Wind speed (Km/hour) | Wind direction (°) |
|-------------------|----------------------|---------------------|---------------------|--------------------|--------------------|--------------------|-----------------------------|---------------------------|
| 14-02-2024 | 0 | 35 | 18 | 1 | 52 | 13 | 6 | 169 |
| 15-02-2024 | 0 | 34 | 18 | 2 | 43 | 11 | 6 | 195 |
| 16-02-2024 | 0 | 31 | 19 | 7 | 45 | 11 | 5 | 162 |
| 17-02-2024 | 0 | 30 | 20 | 8 | 48 | 12 | 4 | 165 |
| 18-02-2024 | 0 | 32 | 18 | 4 | 53 | 15 | 5 | 202 |

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 1st 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 & 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.

Dr. Parshuram Sial
Nodal Officer, GKMS, Malkangiri