



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
NORTH EASTERN GHAT ZONE
RRTTS, G. UDAYAGIRI, OUAT, KANDHAMAL, ODISHA-762100
MULTIMODEL ENSEMBLE BASED DISTRICT LEVEL WEATHER FORECAST
FOR THE STATE: ODISHA
ISSUED ON: 02.04.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 14

Dt: 02.04.2024
Bulletin No.27

Forecast (up to 07.04.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive light rainfall on one day and remain dry other days with a clear to partly cloudy sky. The wind is likely to remain within 7-10 km/hr. The maximum temperature and minimum temperature will likely to remain between 39-41°C and 21-23°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 26-57% and 10-17% respectively for next five days.

| DISTRICT | Date | Rainfall (mm) | T-MAX (C) | T-MIN (C) | Cloud Cover | Rh Max (%) | Rh Min (%) | Wind speed (kmph) | Wind Direction (deg) |
|-----------------|-------------|----------------------|------------------|------------------|--------------------|-------------------|-------------------|--------------------------|-----------------------------|
| PHULBANI | 03-04-2024 | 0 | 39 | 21 | 1 | 43 | 11 | 8 | 292 |
| | 04-04-2024 | 0 | 40 | 21 | 2 | 57 | 10 | 7 | 225 |
| | 05-04-2024 | 1 | 40 | 22 | 2 | 52 | 17 | 10 | 210 |
| | 06-04-2024 | 0 | 41 | 22 | 3 | 36 | 12 | 8 | 270 |
| | 07-04-2024 | 0 | 41 | 23 | 3 | 26 | 10 | 8 | 214 |

Agromet Advisory

- Heat wave is going to prevail in the upcoming 1-2days in the district.
- Vegetables nurseries are required to be covered by clothes to avoid seeding mortality.
- Use light irrigation in the vegetables.
- Give lifesaving irrigation to crops.
- Use drip and sprinkler irrigation in commercial crops and fruit orchards.
- Mulching should be done to maintain high moisture status in the soil.
- Provide drinking water to cattle and chickens to mitigate heat stress.

BRINJAL/TOMATO:

- Stage- Maturity/Harvesting
- Seeing the upcoming heat wave condition give the plant lifesaving irrigations in the afternoon or early morning hours.
- Harvest the mature fruits to give the plants less stress of bearings.

Cucurbits-

- Stage- Flowering
- To manage Epilachna Beetle in cucurbits shake plants to dislodge grubs, pupae, and adults in a pail of kerosene mixed water early in the morning or collect them mechanically and destroy.
- Spray neem-based pesticide 1500 PPM @ 3- ml/liter of water at early stage of infestation.

SUN FLOWER -

- Stage- Head borer
- Setting of light traps (1 light trap/5 acre) to know the range of pest incidence as well as to kill moth population.
- To control chemically, spray quinalphos 3m/lit of water or **Profenophos** 2m/lit of water or **Chlorpyrifos** 2.5m/lit of water.

Cattle:

- Provide sufficient drinking water to tolerate heat condition.
- Make arrangement of ventilation at night and blocking of direct scorching sun rays in day time.

Poultry:

- Provide sufficient drinking water to tolerate heat condition.
- Provision for extra space in summer season and frequent turning of litters.

For better agriculture benefits use, OUAT KALINGA products (Seedling, Sampling & QPM, Tissue Culture Plants, Fruits and Vegetables, Value added products, Fingerlings/Yearlings, Poultry chicks, Breeds, Mushroom and Spawns, Bio-fertilizers, Bio-pesticides, Vermi & Vermi Compost).

ASSOCIATE DIRECTOR OF RESEARCH & NODAL OFFICER