



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: 27.01.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 04

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Forecast (up to 01.02.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive no rainfall in upcoming 5 days with mainly clear to partly cloudy sky. The wind is likely to remain within 5-6 km/hr. The maximum temperature and minimum temperature will likely to remain between 24-27°C and 10-13°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 68-72% and 19-33% 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	28-01-2024	0	24	10	2	70	19	5	158
	29-01-2024	0	25	11	3	70	20	5	158
	30-01-2024	0	26	12	2	72	20	5	202
	31-01-2024	0	26	13	3	68	27	6	198
	01-02-2024	0	27	13	3	72	33	6	234

Agromet Advisory

- To control powdery mildew in marigold, apply Sulfex @3gm/liter of water after rain fall stops.
- To control pod borer in pea, spray Azadirachtin 0.03% (300ppm) thrice at fortnightly intervals.
- Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat.
- In mustard, spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water.
- If the infestation is severe then, spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50 gram/acre in 200-liter of water.
- Isolate the affected chicks and vaccinate the others.

MARIGOLD –

- Stage- flowering
- In cloudy weather event, there is a chance of occurrence of powdery mildew in marigold.
- To control this, apply Sulfex @3gm/liter of water after rain fall stops.

GARDEN PEA:

- Stage- pod formation
- If Pod borer infestation is seen, then apply the following.
- Spray Azadirachtin 0.03% (300ppm) thrice at fortnightly intervals.

MUSTARD –

- To control Aphids in mustard, follow the procedures.
- Spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. If the infestation is severe then, spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 %SP @ 50 gram/acre in 200-liter of water.

TURMERIC:

- Stage- harvesting
- Farmers need not apply irrigation in turmeric crop as per the rain fall forecast.
- After the rainfall event, the soil will be wet soft which will favorable for turmeric digging and harvesting.

CATTLE:

- High amount of food is required in winter for cattle to maintain the metabolic activities and milk production.
- Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat.

POULTRY:

- If chicks are congregated at one place, then provision for more warmth should be done.
- Close the open spaces in night and early morning to protect them winter.
- If any disease arises, isolate the affected one and vaccinate the others.

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).

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