



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: 19.01.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 03

Dt: 19.01.2024
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Forecast (up to 24.01.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive very light rainfall on Saturday with a mainly clear to partly cloudy sky. The wind is likely to remain within 4-6 km/hr. The maximum temperature and minimum temperature will likely to remain between 26-28°C and 15-16°C respectively. The Maximum and Minimum Relative Humidity will likely to remain between 83-92% and 35-44% 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	20-01-2024	2	28	16	4	88	35	5	161
	21-01-2024	0	27	16	3	92	35	6	189
	22-01-2024	0	27	15	2	85	37	4	202
	23-01-2024	0	26	16	4	83	42	4	180
	24-01-2024	0	26	16	4	91	44	5	197

Agromet Advisory

- To control mealy bug in marigold, spray **Prophenophos or Dimethoate @2ml/lt**
- 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
- **Mealy bug** infestation is seen where they present in the dark green leaves. They secrete honey like substances for which leaves turn into sooty mould.
- Control measures- Spray **Prophenophos or Dimethoate** @2ml/lt.



GARDEN PEA:

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



Pea pod borer

RICE:

- Stage- Transplanting
- Transplanting of 25-30 days old seedlings should be done at a spacing of 20 x15 cm, plant 2-3 seedlings per hill for high yielding varieties.
- Apply Zinc Sulphate (21%) @ 10 kg/acre in Zinc deficient soils.

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.

POULTRY:

- To make warm environment use a greater number of light bulbs to protect the chicks in winter.
- Increase the feeding time for chicks and provide clean water
- 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.

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.

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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