



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: 16.01.2024 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 03

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Forecast (up to 21.01.2024)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast, the district is likely to receive no rainfall in next five days with a clear to mainly clear sky. The wind is likely to remain within 5-6 km/hr. The maximum temperature and minimum temperature will likely to remain between 26-27°C and 09-11°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely to remain between 85-96% and 34-42% 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	17-01-2024	0	27	11	0	96	36	6	169
	18-01-2024	0	27	10	4	92	34	6	193
	19-01-2024	0	26	9	6	88	42	5	135
	20-01-2024	0	26	9	0	88	39	5	158
	21-01-2024	0	27	10	0	85	34	6	201

Agromet Advisory

- 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.
- Pea thrips may be seen sucking the flowers, stems. To control this, apply Roger 0.03% or Malathion 0.1% to the crop.
- In tomato, if fruit borer infestation prevails, Spray any one of the insecticides Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre.
- Maintain only a thin film of water for proper establishment and early growth of Rice seedlings.
- 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.
- Maize, wheat and concentrate oil cakes @ 3 kg to the large animals such as Buffalo and cattle feeding helps in maintaining the body heat.

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.

GARDEN PEA:

- Stage- flowering in late sown crop
- Pea thrips may be seen sucking the flowers, stems and pods. To control this, apply Roger 0.03% or Malathion 0.1% to the crop.
- You can also use Azadirachtin 0.03% or NSKE 5% in addition.



Pea thrips attack

RICE:

- Stage- nursery
- Use varieties such as Lalat, Swarna Samrudhi, Kalinga Dhan, Mandakini, Manaswini.
- Sow pre-germinated treated paddy seeds in puddled soil either by broadcasting or by using drum seeder.
- Maintain only a thin film of water for proper establishment and early growth of Rice seedlings.

TOMATO –

- Stage- early vegetative
- If fruit borer infestation prevails, Spray any one of the insecticides Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre.
- Use pheromone trap 20@acre.

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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