



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: 26.12.2023 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 52

Dt: 26.12.2023
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Forecast (up to 31.12.2023)
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 clear sky. The wind is likely to remain within 4-5 km/hr. The maximum temperature and minimum temperature will likely to remain between 25-26°C and 9-10°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely to remain between 76-88% and 26-29% 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	27-12-2023	0	25	10	0	88	27	5	156
	28-12-2023	0	25	9	0	76	29	4	158
	29-12-2023	0	26	10	0	86	28	5	159
	30-12-2023	0	26	10	0	80	29	5	161
	31-12-2023	0	26	10	1	78	26	5	167

Agromet Advisory

- Use Azadirachtin 0.03% WSP 2500-5000 g/ha or Dimethoate 30 EC 1237 g/ha or Emamectin Benzoate 5% SG 220 g/ha to control plume moth infestation.
- Spray GA3 in tomato to get early flowers.
- Spray Boron and Aluminum in broccoli during the head emergence stage to increase the quality of fruit and selling value.
- The large ventilation spaces in cow shed must be closed in night, as the night temperature is falling.
- During cloudy weather condition powdery mildew may be seen, then apply Sulfex@3gm/lt to effectively control the disease.

- Arhar is in late flowering to pod formation stage
- To control Plume Moth infestation, apply the followings.
- Use bird perches @50/hacter
- Use Azadirachtin 0.03% WSP 2500-5000 g/ha or Dimethoate 30 EC 1237 g/ha or Emamectin Benzoate 5% SG 220 g/ha.
- Or use NSKE 5% twice.



Plume moth

Sweet Potato:

- Vine lifting is an important process in the development of sweet potato.
- It is done 2-3 weeks after vine sowing.
- It is done to prevent root formation in shoots that are coming in contact with soil.

Tomato:

- Spray GA3 during flowering to get early flowers.
- When the fruits begin to ripe, spray Ethrel 1ml/lit to get evenly and early ripening.



GA3-Hormone

Broccoli –

- Spray Boron and Aluminum during the head emergence stage to increase the quality of fruit and selling value.

Marigold –

- After 20 days of transplanting, remove the apical buds to get more lateral branches.
- During cloudy weather condition powdery mildew may be seen, then apply Sulfex@3gm/lt to effectively control the disease.

Animal husbandry:

- The large ventilation spaces in cow shed must be closed in night, as the night temperature is falling. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.

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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