



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: 19.12.2023 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Forecast (up to 24.12.2023)
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 to partly cloudy 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 8-10°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely to remain between 47-78% and 20-26% 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	20-12-2023	0	25	8	2	52	26	5	165
	21-12-2023	0	25	9	1	47	21	4	165
	22-12-2023	0	25	9	3	50	20	4	160
	23-12-2023	0	25	10	2	77	23	4	169
	24-12-2023	0	26	10	3	78	26	5	158

Agromet Advisory

- The lowest temperature in G. Udayagiri, Daringbadi has been recorded in between 6.5-9-degree Celsius, so there is a chance of frost damage in crops like tomato, maize, Ber.
- To prevent frost damage, cover the fruiting crops with polythene or used bedsheets or commercially available frost cover or smoke can be blown to keep the temperature above frost formation (4 degree Celsius).
- When the fruits begin to ripe in tomato, spray Ethrel 1ml/lit to get evenly and early ripening.
- Vine lifting is done in sweet potato 2-3 weeks after vine sowing.
- It is done to prevent root formation in shoots that are coming in contact with soil.
- In Safflower to control the fruit borer, spray Indoxacarb@200ml in 200 liters of water for one acre.
- In palak, use less urea at initial stage, otherwise the leaves will break by hardening.
- To get big size flowers and to increase its shelf life in marigold, after 15-20 days of transplanting apply Horn meal to the plants.

Tomato:

- Hormonal sprays give edge to commercial tomato cultivators in production and marketing process.
- Spray GA3 during flowering to get early flowers.
- When the fruits begin to ripe, spray Ethrel 1ml/lit to get evenly and early ripening.

Marigold-

- After 15-20 days of transplanting apply Horn meal to the plants to get big size flowers and to increase its shelf life.
- At the same time remove the apical buds to get more lateral branches.
- During cloudy weather condition powdery mildew may be seen, then apply Sulfex@3gm/lit to effectively control this disease.

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.

Palak leafy vegetables:

- Use varieties like PUSA PALANG, ALL GREEN, PUSA JYOTI, KOMAL etc.
- 10-20 kg seed is required for acre of cultivation.
- Use less urea at initial stage, otherwise the leaves will break by hardening.
- Make arrangement for staking after plant emerges.

SAFFLOWER

- In Safflower to control the fruit borer, spray Indoxacarb@200ml in 200 liters of water for one acre.

Fisheries:

- In winter there is common white spots are found in fishes called as EUS. These spots later on turned into wounds which led to mortality of fishes. To prevent this, apply Aquaneem @1lt/ha or CIFAX @1lt/ha.

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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