



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: 15.12.2023 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

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Week No. 50

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Forecast (up to 20.12.2023)
Given by Met. Center IMD, Bhubaneswar

DISTRICT: KANDHAMAL – As per the IMD forecast So due to its effect 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 47-71% and 24-31% 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	16-12-2023	0	25	9	0	67	31	4	158
	17-12-2023	0	25	9	0	67	28	5	158
	18-12-2023	0	26	10	4	71	30	4	158
	19-12-2023	0	25	8	3	58	29	5	158
	20-12-2023	0	25	8	2	47	24	5	158

Agromet Advisory

- To control black spot disease in cabbage/cauliflower, spray Tridemorph 0.1% and later followed by Mancozeb @0.25% after a month.
- In the area where the lift irrigation facility is available, sweet potato is cultivated in the month December-February.
- Use stem cutting of 85000/acre in the length of 20-25.
- Use varieties like PUSA PALANG, ALL GREEN, PUSA JYOTI, KOMAL etc. in Palak.
- Use less urea at initial stage, otherwise the leaves will break by hardening.
- In mustard aphid infestation both nymphs and adults suck saps from leaves, buds and pods.
- Spray the crop with Dimethoate @625-1000ml/ha at the flowering stage.
- To get big size flowers and to increase its shelf life, after 15-20 days of transplanting apply Horn meal to the plants.

Sweet Potato:

- In the area where the lift irrigation facility is available, it is cultivated in the month December-February.
- Use stem cutting of 85000/acre in the length of 20-25.
- Use two nurseries one primary and secondary and then plant it in the main field.

Cabbage/Cauliflower:

- Black spot disease may be seen in older plants in seed production stage where in leaves and petioles small brown to black circular spots are seen which causes damage to the heads or cauliflower curds.
- To control this disease, spray Tridemorph 0.1% and later followed by Mancozeb @0.25% after a month.

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/lt to effectively control this disease.

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.

MUSTARD -

- In mustard aphid infestation both nymphs and adults suck saps from leaves, buds and pods.
- Plants remain stunted and the insects secrete honey dew which attracts ants.
- Spray the crop with Dimethoate @625-1000ml/ha at the flowering stage.
- Bird perches may be erected for natural predation.

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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