



Gramin Krishi Mausam Sewa

India Meteorological Department

Odisha University of Agriculture and Technology

Bhubaneswar -751 003

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Nodal Officer

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District – Khordha (East and South-Eastern Coastal Plain Agroclimatic Zone)

The mean maximum daily temperature was 29.71°C and mean minimum daily temperature was 18.85°C of the Khordha district during the last week. The district received no rainfall during the last week. Harvesting of medium duration paddy is continuing. Long duration paddy is in harvesting stage. In total about 30% of harvesting of paddy is over. The Arhar crop is in flowering to pod formation stage. Picking of cotton crop is in progress and about 20% of the crop has been harvested. Harvesting of Sugarcane has started. Sowing of Rabi crops like Maize, Wheat, Pulses, Oilseeds, Vegetables and Spices are continuing. Rainfall up to the end of this week is deficient. Overall crop condition is Normal.

Forecast (Up to 06.12.2023)

Given by Met. Centre, IMD, Bhubaneswar

DISTRICT: KHORDHA – As per IMD forecast, for the next five days the district is likely to prevail dry weather on Saturday and Sunday followed by Very light to light rainfall on other days with partly cloudy to generally cloudy sky. In the next five days the wind speed is likely to remain within 11-16 km/h. The maximum temperature and minimum temperature will likely to remain 27-32°C and 19-22°C respectively for the next five days.

DISTRICT	KHORDHA				
Date	02/12/2023	03/12/2023	04/12/2023	05/12/2023	06/12/2023
Rainfall (mm)	0	0	1	7	15
T-MAX (C)	32	31	30	29	27
T-MIN (C)	19	20	21	22	22
Cloud Cover	3	3	5	6	7
Rh Max (%)	69	62	84	89	90
Rh Min (%)	38	44	60	83	84
Wind speed (kmph)	11	12	13	14	16
Wind Direction (deg)	90	58	63	24	22

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

Agromet Advisory

- ❖ In view of probable rain harvest the paddy if 80 - 85% grains are matured in a panicle.
- ❖ Keep the harvested products in safe place.
- ❖ If threshing is not possible then cover the harvested paddy with polythene to keep it safe from rain.
- ❖ Make provision for draining out rain water in standing rice crop by making alleys (Pahi) and keep the drain ends open.
- ❖ Do not leave harvested paddy in field. After receding of rain water tie the panicles of paddy in bundles and keep straight.
- ❖ Drain out excess water in all non-paddy crops like pulses, oilseeds, vegetables, plantation crops, etc.
- ❖ There are chances of wilt and root rot disease incidence in vegetable crops after the rain. To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water.
- ❖ Withhold spraying of pesticides and irrigation for the time being.
- ❖ Cover the vegetable nursery with polythene sheet to save it from rain.
- ❖ Delay sowing of Rabi crops like Maize, Wheat, Pulses, Oil seeds, Vegetables and spices.
- ❖ In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Crop	Stage	Likely Impact on Crop	Advisory
Rice	Maturity to Harvesting	<ul style="list-style-type: none"> • Lodging due to heavy rain • Stagnation of water • Viviparous germination • Infestation of Ear Head caterpillar after receding of rain 	<ul style="list-style-type: none"> • If threshing is not possible then cover the harvested paddy with polythene to keep it safe from rain. • After receding of rain water there is chance of infestation of Ear Head Caterpillar. To manage spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Lambda-cyhalothrin @ 400-ml/acre. As the pest is nocturnal in behavior spraying of pesticide should be done in the evening hours for better result.
Black Gram	Maturity	<ul style="list-style-type: none"> • Crop damage 	<ul style="list-style-type: none"> • Make provision for draining out rain water in standing crop.
Groundnut/ Green Gram	Early Vegetative/ Sowing	<ul style="list-style-type: none"> • Crop damage due to stagnation of water 	<ul style="list-style-type: none"> • Withheld sowing for the time being and make provision for draining out rain water.
Sugarcane	Harvesting	<ul style="list-style-type: none"> • Lodging due to heavy rain • Possible Rooting 	<ul style="list-style-type: none"> • Tie sugarcane leaves from four to five plants together to prevent lodging and provide staking.
Vegetables	Sowing to Harvesting	<ul style="list-style-type: none"> • Damage to nursery • Rotting & Wilting of plants due to stagnation of water • Tobacco Caterpillar Infestation 	<ul style="list-style-type: none"> • To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water. • To prevent Tobacco Caterpillar Infestation in Tomato and Cole crops after rain spray Emamectin Benzoate @ 80-ml/acre or Lambda Cyhalothrin 4.9 CS @ 300 ml. For spraying of insecticides 200 litre of water per acre is required.

PRINCIPAL NODAL OFFICER

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