



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for KHORDHA District
Orissa University of Agriculture & Technology
 Bhubaneswar, Orissa



Agromet Advisory Bulletin

Date : 2026-04-28

Weather Forecast of District KHORDHA (Odisha) Issued On : 2026-04-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-04-29	2026-04-30	2026-05-01	2026-05-02	2026-05-03
Rainfall(mm)	4.0	4.0	5.0	4.0	4.0
Tmax(°C)	35.0	35.0	36.0	36.0	37.0
Tmin(°C)	27.0	27.0	27.0	26.0	26.0
RH-I(%)	85	83	83	77	82
RH-II(%)	44	45	44	45	24
Wind Speed(kmph)	27	9	15	12	6
Wind Direction(Degree)	202	162	193	210	235
Cloud Cover(Octa)	3	3	3	3	3
Warning	Thunderstorms & Lightning, Squall etc; Hot Day	Thunderstorms & Lightning, Squall etc; Hot Day	Thunderstorms & Lightning, Squall etc; Hot Day	Thunderstorms & Lightning, Squall etc; Hot Day	Thunderstorms & Lightning, Squall etc; Hot Day

Forecast Summary:

As per the forecast received from IMD, the district of Khordha may likely to receive light rainfall for the next five days. The sky condition may remain partly cloudy until Sunday. In the next five days, the wind may blow at 06 - 27 km/h. The daily maximum and minimum temperatures will likely remain 35 - 37°C and 26-27°C, respectively.

Weather Warnings (Valid Till 08:30 IST of the next day)

Hot day condition accompanied with thunderstorms and lightning warnings are expected for the next five days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

□ Considering the next five days forecast of high day temperature along with hot and humid day condition, farmers are advised to avoid working during peak hot hours (12 PM to 4 PM) and use a wide brimmed hat or cloth to cover the head and neck. □ Farmers are advised to keep animals and birds indoors with provision of sufficient clean drinking water. □ As thunderstorm with lightning are expected for the next five days, farmers are advised not to stay in open fields, near trees, or water bodies during thunderstorms. If no shelter is available, crouch low with your feet together in an open area.

General Advisory:

□ Farmers are advised to postpone the application of pesticides for the time being. □ Harvest the Green gram, black gram and groundnut crop at physiological maturity stage and make their storage safe. After harvesting, dry the seeds until the optimum moisture content is attained. Clean the entire surface where the storage is to be done. □ As gusty winds are expected, provide Support to standing crops (like maize, sugarcane, banana, papaya) with stakes or earthing up to prevent lodging. □ Initiate summer ploughing in the paddy fields with the availability of soil moisture. □ Regular monitoring for incidence of insect pest should be done as high temperature favors to multiply insect population. □ Use temporary shade net to protect the fruit plants from high temperature. □ Use umbrella or wet cloth on head to protect from sun rays during the day time. □ Considering the next five days forecast of high day temperature along with hot and humid day condition, farmers are advised to avoid working during peak hot hours (12 PM to 4 PM) and use a wide brimmed hat or cloth to cover the head and neck. □ Farmers are advised to keep animals and birds indoors with provision of sufficient clean drinking water. □ As thunderstorm with lightning are expected for the next five days, farmers are advised not to stay in open fields, near trees, or water bodies during thunderstorms. If no shelter is available, crouch low with your feet together in an open area. □ Fishermen are advised not to venture into the sea along & off the Odisha coast from 28th April to 02nd May.

SMS Advisory:

□ Fishermen are advised not to venture into the sea along & off the Odisha coast from 28th April to 02nd May.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Soft Dough)	□ Harvest the matured paddy (if 85% grains matured in a panicle) immediately. Bring the harvested paddy to a safer place. Don't leave the harvested paddy in the field itself. □ Ear cutting caterpillar- In case of ear cutting caterpillar incidence in paddy, spray Quinalphos 25EC @ 400 ml/acre or Chlorpyrifos 20EC @ 500ml/acre in 200 litres of water during clear weather condition. It should be applied in the morning hour to the base of the crop.
SUGARCANE (Vegetative)	□ Whip smut To prevent whip smut disease the setts should be treated with carbendazim solution @ 1-1.5 gm/litre of water. Initially the smutted whips should be collected and burnt at a distance. To control this disease during clear weather condition spray 200 g of Triadimefon or 600g of combined fungicide of Carboxin and Thiram per acre.
GROUNDNUT (Harvesting)	□ Post Harvest Management To meet forthcoming seed requirement, groundnut should be stored in polythene lined gunny bags with desiccant like fused Calcium Chloride @ 250-gram/30-kg of seeds. The desiccant should be tied with cotton cloth and kept inside perforated plastic box. The sealed bags should be kept vertically inside a well-ventilated room at room temperature so that the viability of the seeds will remain up to 8-10 months.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Fruit formation)	□ Shoot and fruit borer To prevent brinjal shoot and fruit borer pest, remove the affected terminal shoot showing bore holes and the affected fruit and install 20 nos. of pheromone trap having Leucin Lure per acre. During primary stage of pest infestation spray neem-based pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre by mixing in 200 litre of water. If there is 4% withering of terminal shoot or 14% fruits infested with borers, spray Spinosad 45 % SC @ 75 ml/acre or Emamectin Benzoate 5% SG @ 80 g/ acre. Do not

Horticulture (Stage)	Horticulture Specific Advisory
	repeat the same insecticide. Use any of the above insecticides alternately at 15 days interval during clear weather condition.
OKRA/ LADYFINGER (Fruit formation)	<input type="checkbox"/> YMV This is a viral disease and it is spread by whiteflies. Install 8-10 nos of yellow sticky traps starting from 2-3 leaf stage of the crop. Diseased plants should be rogued out to prevent further spread of the disease. During clear weather condition spray Thiamethoxam @ 40 g/acre or Acetamiprid @ 50 g/acre by mixing in 200 litre of water.
BITTER GOURD (Fruit formation)	<input type="checkbox"/> Fruit fly To manage fruit fly in cucurbits, during clear weather condition prepare a poison bait by mixing 400 g of Jaggery and 8 ml Malathion or DDVP in 4 litre of water. Keep this mixture in Plastic cups or clay pots @80 nos/acre. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.
MANGO (Fruit formation)	<input type="checkbox"/> Protect the mango trees by netting from thunder storm and heavy wind.
COCONUT (Fruit formation)	<input type="checkbox"/> Black headed caterpillar To manage black headed caterpillar in coconut, install Bracon card in the frond of the plant. Cut the affected leaves and burn it. Spray Chlorantraniliprole 18.5 % SC@ 4 ml/ 10litre of water or Emamectin Benzoate 5 % SG @ 4g/10 litre of water during clear weather condition.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<input type="checkbox"/> Looking to the prevailing condition, farmers are advised to provide fresh clean cool drinking water along with mineral mixture and also increase the amount of drinking water supply to the animals and provide sufficient green fodder to keep them healthy. <input type="checkbox"/> As there is a chance of thunderstorm and lightening activity, farmers are advised to keep their animals and birds indoor. Keep the animals away from water bodies and other metal farm equipment.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
INDIAN MAJOR CARP	<input type="checkbox"/> Considering high day temperature along with hot day condition water depth in the fish pond should be raised from 0.8 m to 1.0 m by adding fresh water. Reduce the quantity of feed by 10-20% compared to normal condition and make provision for supplying cool water into the pond, so that the temperature remains in the range of 13-18°C for as long as possible.

Likely impacts of weather warnings (General)

<input type="checkbox"/> Considering the next five days forecast of high day temperature along with hot and humid day condition, farmers are advised to avoid working during peak hot hours (12 PM to 4 PM) and use a wide brimmed hat or cloth to cover the head and neck. <input type="checkbox"/> Farmers are advised to keep animals and birds indoors with provision of sufficient clean drinking water. <input type="checkbox"/> As thunderstorm with lightning are expected for the next five days, farmers are advised not to stay in open fields, near trees, or water bodies during thunderstorms. If no shelter is available, crouch low with your feet together in an open area.
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Impact based advisories (General)

nil

Farmers are advised to download Unified "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>

