



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for KOZHIKODE District
Kerala Agricultural University
 Vellanikkara, Thrissur, Kerala



Agromet Advisory Bulletin

Date : 2025-06-20

Weather Forecast of District KOZHIKODE (Kerala) Issued On : 2025-06-20 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-21	2025-06-22	2025-06-23	2025-06-24	2025-06-25
Rainfall(mm)	14.0	10.0	20.0	15.0	11.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	94	94	94	94	94
RH-II(%)	91	91	91	91	91
Wind Speed(kmph)	8	8	6	5	8
Wind Direction(Degree)	290	290	200	270	290
Cloud Cover(Octa)	8	8	8	8	8
Warning	Heavy Rain; Strong Surface Winds	No Warning	No Warning	Heavy Rain	Heavy Rain

Forecast Summary:

The sky will be cloudy. High relative humidity will be experienced. The atmospheric temperature will come down. There will be light to moderate rainfalls on June 21. There will be heavy rainfalls from June 22 to 24 in isolated places.

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

Chances for light to moderate rainfall on June 20&21.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Difficulty in drying agricultural produce in open conditions. Chances for fall off of slender stemmed fruits and vegetables. Chances for water stagnation in the fields.

General Advisory:

Weather is unfavourable for drying harvested products (like rice, rubber, copra, pulses, vegetable seeds, etc) directly under sun. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean the drainage channels in crop lowlands to enable proper drainage of excess water in case of exigencies if any. Do not shelter the cattle in shelters having weak structures. Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels. Tree crop's seedlings can be planted during these days. Ensure proper distance between the plants. The 2/3 portions of the pits should be filled with the mixture of topsoil and powdered dry cow dung/compost. Care should be taken to keep the

graft/bud unions above the ground while planting grafted/budded planting materials of tree crops. Apply first dose of fertilizers to the tree crops. Adopt integrated nutrient management system. It is better to keep a buffer stock of paddy seeds to cope an emergency situation if any occurs. Spraying should be done when there is no rainfall or in gap of spells of rainfall. Adhesive /sticking agents should be used to prevent runoff of pesticide, fungicide etc. If water stagnation occurs in newly planted coconut beds, drain them and stir up the topsoil in the beds. Apply fungicides if leaf blight or yellowing are seen.

SMS Advisory:

Coconut Bud rot : Clean the crowns. As a prophylactic measure apply Trichoderma cakes in the axils of the top whirl of leaves of the plants.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	Transplanting: Thorough puddling and levelling of fields before transplanting are recommended. Block crab holes on the bunds to prevent loss of water and nutrients from the fields. Dip the roots of the seedlings in <i>Pseudomonas</i> solutions (250g/750ml of water) for 20 minutes before planting the seedlings in main fields. This will help the plants for better root proliferation and to resist fungal diseases. While transplanting apply the fertilizer; Apply the fertilizer; 400g Urea, 900g Mussoorie phos and 150g Muriate of potash for the medium duration varieties and 400g Urea, 700g Mussoorie phos and 120g Muriate of potash for the short duration varieties to each cent (40 square meter) of land area. Apply potash only after two weeks of the lime application. In case of delayed planting of rice if the seedling are over aged plant at closer spacing with 3 or 4 seedling per hill.
RICE (Transplanting)	Bacterial leaf blight : Spray supernatant solution of the cow dung water mixture (Dispense 20g cow dung in 1 L of water and filter the solution through muslin cloth). Place bags containing of bleaching powder (2kg/acre) in the paddy field. If the infection is severe spray Streptocyclin 30g/200 L of water for 1 acre.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Planting)	Land preparation and sowing : Areas with well drainage should be selected for planting coconut. Coconut cannot withstand water stagnations. Take pits of size 1mx1mx1m. In laterite soils 1.2mx1.2mx1.2m sized pits are required. The recommended optimum spacing for coconut is 7.6m. Fill 1/3 portion of the pits with a mixture of topsoil, powdered FYM and wood ash taken in equal proportion. Dig a small pit in the middle of this and plant the seedling, and strengthen it by compacting the soil surrounding the basal nut portion of the seedlings. Care should be taken not to fall any soil in the crown of the seedlings. Provide prop to avoid tilting off of seedlings. Bunds should be provided at the banks of the pits to prevent collection and stagnation of runoff water in the pits.
COCONUT (Grand growth)	Bud rot : Clean the crowns. As a prophylactic measure apply Trichoderma cakes in the axils of the top whirl of leaves of the plants. Or Tie perforated sachets containing 2g Mancozeb with the axil of the spindle leaf of the plant. Or spray 1% Bordeaux mixture into the axils of top leaves of the surrounding palms
BLACK PEPPER (Grand growth)	Foot rot : As prophylactic measure, apply 150 gram of Trichoderma enriched neem cake - cow dung mixture in the basins of the vines and incorporate thoroughly with the soil. If disease already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also.
ARECANUT (Flowering)	Inflorescence die back and button shedding: Warm humid conditions may cause this disease. Spray Hexaconazole (Contaf) 1 ml/litre or Bordeaux mixture 1%. Repeat after 20-25 days.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Cage hygiene : Keep the cages dry. If moisture persists, ammonia may be generated from the droppings which will adversely affect the health of the birds.

Likely impacts of weather warnings (General)

• Visibility may become poor due to intense spell of rainfall leading to traffic congestion. • Temporary Disruption of traffic due to water logging in roads/ uprooting of trees/ breaking of tree branches leading to increased travel time. • Uprooting of trees may cause damages to power sector. • Partial Damages to Kutcha Houses and Huts due to uprooting of trees.

Impact based advisories (General)

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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>