



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



Agromet Advisory Bulletin

Date : 2025-06-10

Weather Forecast of District MALAPPURAM (Kerala) Issued On : 2025-06-10 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-06-11	2025-06-12	2025-06-13	2025-06-14	2025-06-15
Rainfall(mm)	18.9	23.5	27.5	36.6	51.9
Tmax(°C)	28.9	26.5	26.8	25.2	24.1
Tmin(°C)	22.9	22.2	21.8	21.9	22.1
RH-I(%)	95	95	96	97	96
RH-II(%)	69	80	79	82	90
Wind Speed(kmph)	3.4	3.3	2.6	1.5	3.0
Wind Direction(Degree)	328	319	304	284	256
Cloud Cover(Octa)	7	7	8	8	8
Warning	NA	NA	NA	NA	NA

Forecast Summary:

The sky will be cloudy. High relative humidity will be experienced. The atmospheric temperature will come down. There will be heavy rainfalls from June 11 to 13 in isolated places. There will be heavy to very heavy rainfalls on June 14 in isolated places.

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

Chances for heavy rainfall on June 10&11.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

തുറസ്സായ സ്ഥലങ്ങളിൽ കാർഷിക ഉൽപ്പന്നങ്ങൾ ഉണക്കുന്നതിൽ ബുദ്ധിമുട്ട്. നേർത്ത തണ്ടുള്ള പഴങ്ങളും പച്ചക്കറികളും ഒടിഞ്ഞു വീഴാനുള്ള സാധ്യത. കൃഷിയിടങ്ങളിൽ വെള്ളം കെട്ടിനിൽക്കാനുള്ള സാധ്യത.

General Advisory:

Take care while drying the harvested products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun. Do not heap the harvested products in the field itself. 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. Add bleaching powder in the water stagnation fields. Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden pannels. Preparations to plant seedlings of tree crops can be started. The pits can be taken if there is sufficient moisture content in the soil. 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.

SMS Advisory:

Banana Pseudostem weevil: Field sanitation. Remove the affected parts and burn it using kerosene. Apply fipronil 0.015% (3 ml l-1).

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Main Land preparation : If the level of soil moisture content in the paddy field is optimum for ploughing, the tilling operations can be started. With the first ploughing itself, incorporate powdered FYM/compost or green manures (@ 5t/ha) to the soil.
RICE (Sowing)	In Broad- casted fields: Actively growing seedling stage : Apply the fertilizer; 400g Urea, 900g Mussooriephos and 150g Muriate of potash for the medium duration varieties and 400g Urea, 700g Mussooriephos 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
RICE (Nursery Bed Preparation)	Nursery preparation for transplanting : Apply dried and powdered farm yard manure or compost while preparing the nursery @1kg/m ² and thoroughly incorporate to the soil. Preparation of seeds:- To prevent seed borne diseases, dress the seeds with Pseudomonas @10g/kg of seeds before sowing.
RICE (Nursery/ seedling)	Brown leaf spot : If the disease is severe Spray Mancozeb 75WP at the rate of 3g/ litre of water OR spray Carbendazim + Mancozeb 75WP at the rate of 2g/ litre of water

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT (Grand growth)	Rhinoceros beetle: Take out the beetles from the attacked palm crown using beetle hook. Swab the hole made by the beetles with Bordeaux paste to prevent entry of fungus through the cut surface. Old fishnets can be reused for controlling the pest. Cut the nets into pieces of size 1m x 0.5m. Keep the middle portion of the net, lengthwise into the axils of 3rd and 4th leaf whirls of the palm. Push the net firmly with small stones into the axils. The hanging sides of the net should be kept open. The beetles will be trapped in the nets and get destroyed. Care should be taken to move the nets to upper leaf axils accordingly while fresh leaves are emerging.
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.
BANANA (Grand growth)	Pseudostem weevil: Field sanitation. Remove the affected parts and burn it using kerosene. Apply fipronil 0.015% (3 ml l-1). Apply Beauveria bassiana @ 20 g l-1 at 5, 6 and 7 month after planting.
BANANA (Grand growth)	Sigatoka leaf spot : There should not be any water stagnation in the basins of the crop. As prophylactic measures spray Pseudomonas (@ 20g/litre) at fortnight intervals. If disease appears:- Cut and burn all affected leaves. Spray Carbendazim and Mancozeb (@ 2ml per litre) alternatively at fortnight interval.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Mastitis : The disease is common on cows which are sheltered in unhygienic conditions. Prevention:- Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings The milking machines should be cleaned

Live Stock	Live Stock Specific Advisory
	properly after every use. Boost the immunity of cattle by supplementing feeds with vitamins and minerals containing health tonics. If disease appears, give medication under the supervision of a Veterinary doctor immediately.

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. • Possibility of damages to vulnerable structures due to heavy to very heavy rainfall • Partial Damages to Kutcha Houses and Huts due to uprooting of trees. • Possibilities of Flash floods due to intense spell of rainfall. • Water logging / flooding in many parts of low-lying areas. • Landslides/mud slide/land slip very likely.

Impact based advisories (General)

• Follow traffic advisories issued, if any. • Avoid staying in vulnerable structure. • Avoid going to the areas that face water logging problems/ river fronts. • People in the vulnerable area are advised to move to safer places.

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>