



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 27.09.2025 to 01.10.2025)

Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi

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A. Medium range weather forecast of IMD for next five days

Weather parameters	27.09.2025	28.09.2025	29.09.2025	30.09.2025	01.10.2025
Rainfall (mm)	3	2	1	2	1
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	4	6	6	6
Wind direction (deg)	230	200	230	230	200
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district and heavy rainfall in isolated places. Normal to above normal rainfall is expected in Kerala. Thunderstorm with lightning is very likely to occur at one or two places over Kerala.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Spraying and fertilizer application should be done during clear weather conditions. Since the chances of pest and disease development is higher, field should be monitored regularly and try to control the pest and disease infection at the early stage itself. It is better to manage the pest and diseases by the nearby farmers together to avoid further development of the same attack.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu) Dough stage	Blast disease	Intermittent rainfall will increase the chances of blast disease in rice. Eye shaped lesions will form initially in the leaves which will merge together and the leaves will dry off finally. As a precaution, spray pseudomonas at 20g per L. If the incidence was noticed, spray isoprothiolane 40 EC at 1.5ml per L.
Groundnut	Management	September-October months are best suited for sowing groundnut seeds. Extract the seeds from the pods by hand itself without any damage one week before sowing, at the recommended seed rate of 40 kg per acre. Plough the field thoroughly without going much deeper in the soil. According to the soil acidity, apply lime or dolomite at 1-3 kg per cent. Then apply farm yard manure at 80 kg per cent. After 10 days of manure application, prepare the land and makes beds of one foot height along the fertilizer application of 87g urea, 1665g rock phosphate and 50g potash. There should be 0.25m distance between the beds taken and drainage channels must be prepared along or across the beds. Finally, sow the healthy seeds pretreated with rhizobium (200g rhizobium for one acre) at a minimum distance of 15 cm between the plants.
Cabbage and Cauliflower	Manegement	This is the favourable sowing time for Namdari varieties of cabbage and cauliflower suitable for plain areas. Preparing the potting mixture of coir pith, perlite, vermiculite and Trichoderma enriched organic manure in the ratio 1:1:1:3 in the protrays will enhance the healthy root growth and resistance to damping off disease of the seedlings.

Animal Husbandry:-Avoid the situation of waste waterlogging in the cattle shed since it will enhance the development of mastitis.