



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 12.08.2020 to 20.08.2020)

(Issued jointly by Kerala Agricultural University Regional Agricultural Research Station Pilicode & India Meteorological Department)



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A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
192.5	25.0 – 28.8	21.8 – 22.8	88– 96	04 -14

B. Weather forecast for next five days

Parameters	12.08.2020	13.08.2020	14.08.2020	15.08.2020	16.08.2020
Rainfall, mm	16	15	5	10	12
Max. Temp, °C	28	29	29	29	29
Min. Temp, °C	23	23	23	23	23
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	86	86	86	86	86
Wind speed, km/h	10	14	16	12	12
Wind direction, degrees	290	290	290	320	290
Total cloud cover, octa	8	8	7	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions		There will be rainfalls on coming days. Application of fertilizers may be postponed. Ensure good drainage in crop fields.	
Paddy	Flowering to milky stage	Leaf folder 	If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy. Attack will be more in shaded conditions. Avoid excessive Nitrogenous fertilizers. If the attack is severe spot spraying of Coragen® @3ml/10 ltr of water is also advised.
		Rice bug 	Strict vigilance is necessary at milky stage. Keep the field and bunds free of weeds and grasses. If attack is seen apply fish amino acid @ 20 ml/litre.

Coconut	All stages	Bud rot 	As a preventive measure, small perforated sachets containing 2 g of mancozeb may be tied to the top leaf axil. When rains, a small quantity of the fungicide is released from the sachets to the leaf base and thus protecting the palm. Spray 1% Bordeaux mixture on the crown of palms.
Black pepper	All stages	Wilt disease 	Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water) Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.
Areca nut	All stages	Mahali disease 	Apply Bordeaux mixture (1%) to the bunch and leaves.
Ginger and Termeric	Early growth stage	Stem borer 	Spray neem based insecticide (@4ml/litre of water) Or Spray Flubendiamide (Fame® - @ 2 ml per 10 litres of water) 2-3 times at weekly interval.
Cow	Milking	Mastitis 	The disease is common on cows which are sheltered in unhygienic conditions. Symptoms:- The symptoms are change in composition of milk and turning the milk into an yellow watery liquid , severe fever, lack of appetite, abortions etc. If not treated the cow may lose its milk yielding capacity permanently. Also the cow may lose mobility and gradually death may occur. Prevention:- Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings The milking machines should be cleaned 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.