Agromet Advisory Bulletin for the District, Kasaragod
(Valid from 17.10.2020 to 21.10.2020)
(Issued jointly by Kerala Agricultural University Regional Agricultural Research Station Pilicode & India Meteorological Department)

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A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
149.0	27.0 – 29.0	22.5 – 23.5	92– 100	00-01

B. Weather forecast for next five days

Parameters	17.10.2020	18.10.2020	19.10.2020	20.10.2020	21.10.2020
Rainfall, mm	2	1	1	2	2
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	22	22	22	22	22
Max. Relative Humidity , %	93	93	93	93	93
Min. Relative Humidity, %	83	83	83	83	83
Wind speed, km/h	12	12	8	8	8
Wind direction, degrees	230	230	230	270	250
Total cloud cover, octa	7	6	6	6	7

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions		Isolated low rainfall may occur. Quickly complete the harvests.	
Rice	Main field for second crop (Mundakan season)	Make the fields and bunds weed free. Block all the crab holes on the bunds. Apply FYM/compost @ 20kg/cents and incorporate with the soil along with ploughing. To correct the iron toxicity problem of midland lateritic soils, apply lime/dolomite as specifically recommended in the soil test result. If soil testing is not possible, the general recommendation is to apply lime/dolomite @ 2kg/cents (40sq.m) and incorporate thoroughly with the soil at least 14 days before the application of chemical fertilizers. Repeat lime application at the same rate after 30-40 days of transplanting.	
	Transplanting	Dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes just before transplanting. This will help the seedlings to grow vigorously.	
Vegetables	Transplanting/ sowing	While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases.	

			Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously.
			Also the seedlings can be sprayed with diluted pseudomonas culture solution (@20ml dissolved in one litre of water).
Coconut	All stages	Yellowing of coconut	Incorporate lime or dolomite @ 3 kg/palm to the basins of the palms. After two weeks, apply borax @ 200g/palm and zinc sulphate @ 100g/palm and magnesium sulphate @500g/palm and potash @ 2kg/palm
Coconut	All stages	Bud rot disease	In vulnerable areas, as preventive measures apply lime @ 2-3 kg/palm basally and adopt comprehensive nutrient management practices for improving the health of the palms. Detection of disease at its early stage will help to adopt efficient corrective measures. Cut and remove the affected tissues from the crown and apply Bordeaux paste. After that cover the cut surface with polythene sheets to protect it from rain falls until a new leaf emerges. Burn the removed tissues immediately. As a prophylactic measure spray 1% Bordeaux mixture into the top leaves' axils of the surrounding palms
Black pepper	All stages	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.
Black pepper	Bearing stage	Pollu beetle and disease	Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture) If damage is visible apply combination of hexaconazole and deltamethrin (@ hexaconosozole 1ml + deltamethrin 0.5ml per litre of water)

Cashew	Newly planted seedlings	Tea mosquito attack and associated fungal diseases	Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)

Sd/-
Nodal Officer,
GKMS Project, RARS Pilicode