



**Pandit Jawaharlal Nehru College of Agriculture and
Research Institute, Karaikal - 609 603**

**Agromet Advisory Bulletin (AAB) for KARAİKAL District
Issued jointly by IMD & PAJANCOA & RI**

Forecast Period: 20th to 24th August 2022

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Weather Summary for Karaikal district

Past week Summary (16.08.2022 to 18.08.2022)			Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.08.2022				
16/08	17/08	18/08		Day-1 20/08	Day-2 21/08	Day-3 22/08	Day-4 23/08	Day-5 24/08
0	38.5	0.5	Rainfall (mm)	18	6	0	0	7
37	34	36	Max. Temp. (°C)	36	35	36	37	37
27	26	25	Mini. Temp. (°C)	26	25	26	26	26
3	1	3	Cloud cover (Octa)	8	6	6	6	8
60-71	58-83	53-84	RH Even- Morn. (%)	40-80	60-80	60-70	40-70	40-70
5	5	6	Wind (kmph)	12	12	12	12	12
WSW	WSW	WSW	Wind direction	WSW	W	W	W	W

Forecast for next five days: 20.08.2022 to 24.08.2022

→ Heavy rain is likely to occur at isolated places on 20th August.

→ Light to moderate rain is likely to occur at few places on 20th, 21st and 24th August.

■ During next five days, the sky will be cloudy. The temperature range is expected to be around 25°C - 37°C. Relative humidity range is expected to be around 40-80%. The wind speed is expected to be 12 km per hour and the wind will be mostly from west direction.

■ Rainfall (40.10 mm) will be above normal from 24th to 30th August.

Agro Advisory

Crop	Stage	Advisory
Thunderstorm and lightning warning		Thunderstorm with lightning is likely to occur at isolated places on 20 th and 21 st August. Farmers are advised to keep their animals inside the cattle shed and avoid animals congregating under isolated tree or near trees, tractor, farm machinery and other equipment made of metals. Ensure that your animals are safe from the dangers of lightning strikes.
Green manure crop	Sowing	Utilizing the received rainfall seeds of green manure crops like sithagathi or daincha or manila agathi @ 50 kg/ha may be sown and incorporated at pre flowering stage.
Rice	Harvest	Harvest the matured paddy immediately as light to heavy rain is anticipated for next few days.
	Field preparation	Farmers are advised to take up land preparation work for sowing samba paddy crops, utilizing showers received in the past few days. Level the field to have uniform crop stand and provide shallow trenches (15 cm width) at an interval of 3 m all along the field to facilitate the draining of excess water in case of heavy rainfall at the early growth stage of rice.
	Variety	Long duration rice varieties like CR 1009, ADT 50 and KCLR 1 may be adopted for ensuing <i>Samba</i> season.

	Seed treatment	Treat the seeds with Carbendazim or Pyroquilon or Tricyclozole @ 2 g/kg of seed. Soak the seeds in water for 10 hrs and drain the excess water.
Cattle	Shed management	Repair cattle/goat/poultry shed before the rainy season and ensure the roof leak proof. Otherwise leaking of rain water in dirty sheds may increase in ammonia production and coccidiosis disease.
		Do patchwork to fill the cracks in the floor to prevent hoof rotting disease of goats.
	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia. Grazing animals that are drinking pond water should be dewormed

SMS: Light to heavy rain is expected for next few days. Hence, Farmers are advised to take up land preparation for *samba* paddy and postpone irrigation to *kuruvai* paddy and other crops.

**DEAN
PAJANCOA & RI**