



**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: 27<sup>th</sup> to 31<sup>st</sup> August 2022**

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**Weather Summary for Karaikal district**

Past week Summary (21.08.2022 to 25.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 31.08.2022				
21/08	22/08	23/08	24/08	25/08		Day-1 27/08	Day-2 28/08	Day-3 29/08	Day-4 30/08	Day-5 31/08
0	0	48.5	28	0	<b>Rainfall (mm)</b>	8	7	11	6	6
37	37	36	36	33	<b>Max. Temp. (° C)</b>	34	34	33	33	33
26	24	24	23	25	<b>Mini. Temp. (° C)</b>	24	24	23	23	23
2	2	2	5	2	<b>Cloud cover (Octa)</b>	8	8	8	8	8
49-84	48-73	50-87	65-92	57-84	<b>RH Even- Morn. (%)</b>	40-80	40-80	50-80	50-80	50-80
5	7	6	6	4	<b>Wind (kmph)</b>	12	10	12	10	10
WSW	WSW	WSW	WSW	WSW	<b>Wind direction</b>	W	WSW	W	NE	WSW

**Forecast for next five days: 27.08.2022 to 31.08.2022**

- Heavy rain is likely to occur at isolated places on 29<sup>th</sup> August.
- Moderate rain is likely to occur at many places on 27<sup>th</sup> and 29<sup>th</sup> August.
- Light rain is likely to occur on 28<sup>th</sup>, 30<sup>th</sup> and 31<sup>st</sup> August.

During next five days, the sky will be cloudy. The temperature range is expected to be around 22°C - 37°C. Relative humidity range is expected to be around 40-80%. The wind speed is expected to be 08-12 km per hour and the wind will be mostly from west direction.

Rainfall (8.27 mm) will be above normal, maximum temperature (30.12°C) and minimum temperature (24.07°C) will be normal from 31<sup>st</sup> August to 06<sup>th</sup> September.

**Agro Advisory**

Crop	Stage	Advisory
Thunderstorm and lightening warning		Thunderstorm with lightning is likely to occur at isolated places from 27 <sup>th</sup> to 31 <sup>st</sup> 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.
	<b>Variety</b>	Long duration rice varieties like CR 1009, ADT 50 and KKL R 1 may be adopted for ensuing <i>Samba</i> season.
	<b>Seed treatment</b>	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.
<b>Cattle</b>	<b>Shed management</b>	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.
	<b>Vaccination</b>	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, postpone irrigation to crops.

**DEAN  
PAJANCOA & RI**