



**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: 17<sup>th</sup> to 21<sup>st</sup> September 2022**

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**Weather Summary for Karaikal district**

Past week Summary (11.09.2022 to 15.09.2022)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2022				
11/09	12/09	13/09	14/09	15/09		Day-1 17/09	Day-2 18/09	Day-3 19/09	Day-4 20/09	Day-5 21/09
0	0	0	0	0	<b>Rainfall (mm)</b>	0	2	2	2	0
34	35	36	36	36	<b>Max. Temp. (°C)</b>	34	34	34	34	34
25	25	25	26	26	<b>Mini. Temp. (°C)</b>	26	26	26	26	26
2	2	1	2	2	<b>Cloud cover (Octa)</b>	4	6	6	6	4
56-80	50-84	49-77	58-85	47-85	<b>RH Even- Morn. (%)</b>	65-75	65-75	65-75	65-75	65-75
4	5	6	6	6	<b>Wind (kmph)</b>	12	12	12	12	12
WSW	WSW	WSW	SSW	SSW	<b>Wind direction</b>	SSW	SSW	SSW	WSW	WSW

**Forecast for next five days: 17.09.2022 to 21.09.2022**

- ➔ Light rain may occur from 18<sup>th</sup> to 20<sup>th</sup> September.
- ➔ Thunderstorm with lightning is likely to occur at isolated places on 17<sup>th</sup> and 18<sup>th</sup> September.

🌸 During next five days, the sky will be cloudy. The temperature range is expected to be around 26-34°C. Relative humidity range is expected to be around 65-75%. The wind speed is expected to be 12 km per hour and the wind will be mostly from south south west direction.

🌸 Rainfall (5.29 mm), maximum temperature (30.43°C) and minimum temperature (23.84°C) will be normal from 21<sup>st</sup> to 27<sup>th</sup> September.

**Agro Advisory**

Crop/ Livestock	Stage/ Particulars	Agro Advisory
<b>Rice</b>	<b>Main field preparation</b>	Before planting or direct sowing, efficient drainage facilities may be provided to avoid flooding of fields.
	<b>Sowing</b>	For direct seeded rice, sowing may be done up to 30 <sup>th</sup> September.
	<b>Fertilizer application</b>	Apply urea @ 37 kg/ha, DAP @ 100 kg/ha, potash @ 25 kg/ha, zinc sulphate @ 25 kg/ha and gypsum @ 500 kg/ha as basal for samba paddy crop <b>before transplanting</b> .
		For <b>direct seeded rice</b> , apply 50 kg of P <sub>2</sub> O <sub>5</sub> /ha as basally in the last plough and 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>Weeding</b>	In paddy, to control weeds in <b>nursery</b> area of 800 m <sup>2</sup> , apply pre-emergence herbicide Butachlor 160 ml at 8 <sup>th</sup> DAS with sand.	
	To manage weeds in <b>direct wet seeded rice</b> , apply pyrazosulfuron ethyl @ 200 g/ha at 3-5 days after sowing.	

		To manage weeds in direct dry seeded rice, apply pendimethalin @ 3.3 l/ha on 3 days after sowing (DAS) followed by bispyripac sodium @ 200 ml/ha as early post emergence (20 DAS) and followed by hand weeding on 40 DAS to manage weeds.
<b>Cattle</b>	<b>Paddy straw enriching</b>	During rainy days, urea enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).
	<b>Vaccination</b>	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia.
	<b>Deworming</b>	Grazing animals that are drinking pond water should be dewormed.

**SMS:** Light rain is expected for next few days. Hence, land preparation work may be done for rice crop.

**DEAN  
PAJANCOA & RI**