

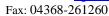
## Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal - 609 603

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

Date: 20.09.2022



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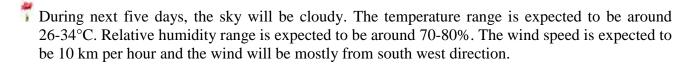


## Weather Summary for Karaikal district

Past week Summary (15.09.2022to 19.09.2022)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 25.09.2022				
15/09	16/09	17/09	18/09	19/09		Day-1 21/09	Day-2 22/09	Day-3 23/09	Day-4 24/09	Day-5 25/09
0	0	0	0	1.0	Rainfall (mm)	2	2	0	0	2
36	36	36	36	35	Max. Temp. (°C)	34	34	34	34	34
26	26	26	26	25	Mini. Temp. (°C)	26	26	26	26	26
2	3	3	4	2	Cloud cover (Octa)	6	5	4	5	6
47-85	51-74	47-85	57-85	56-87	RH Even- Morn. (%)	70-80	70-80	70-80	70-80	70-80
6	5	5	6	4	Wind (kmph)	10	10	10	10	10
SSW	WSW	WSW	SSW	WSW	Wind direction	SW	SW	SW	SW	SSW

## Forecast for next five days: 21.09.2022 to 25.09.2022

- ▶ Light rain may occur on 21<sup>st</sup>, 22<sup>nd</sup> and 25<sup>th</sup> September.
- → Thunderstorm with lightning is likely to occur at isolated places on 21<sup>st</sup> and 22<sup>nd</sup> September.



## **Agro Advisory**

Crop/ Livestock	Stage/ Pariculars	Agro Advisory		
Rice	Main field preparation	Before planting or direct sowing, efficient drainage facilities may be provided to avoid flooding of fields.		
	Sowing	For direct seeded rice, sowing may be done up to 30 <sup>th</sup> September.		
	Fertilizer application	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.		
	Weeding	In paddy, to control weeds in <b>nursery</b> area of 800 m <sup>2</sup> , apply preemergence 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.
Cattle	Paddy straw enriching	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).
	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia.
	Deworming	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