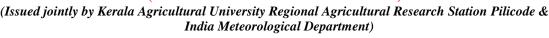




Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 31.03.2021 to 04.04.2021)





Bulletin Number: Pilicode/Ksd-26/2021 Date: 30/03/2021

A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
00	33.7 – 34.5	25.0 – 26.0	67 - 90	02

B. Weather forecast for next five days

Parameters	31-03-21	01-04-21	02-04-21	03-04-21	04-04-21
Rainfall, mm	0.1	0.1	0	0	0
Max. Temp, °C	36	36	36	36	36
Min. Temp, °C	26	26	26	26	26
Max. Relative Humidity, %	89	89	89	89	89
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	6	8	6	6	8
Wind direction, degrees	290	270	230	290	320
Total cloud cover, octa	6	7	4	3	3

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories	
General conditions		Thunderstorm with lightning accompanied with gusty winds is likely at one or two places		
		According to extended range rainfall forecst, there are chances to get fairly good rainfalls during the fortnight starting with April 9		
		Summer rains have prime role in coping up drought. Hence maximum water harvesting should be ensured in the fields. Clean the rain pits. Cover the soil with dried leaves, especially the basins of crops. The opened tree basins which are partially filled after fertilizer application, can act as very good water harvesting structures. Divert the runoff water to such tree basins by drawing furrows.		
Paddy (Late sown Mundakan crop)	Harvesting	Harvest all the ripened fields quickly. Do not heap the harvested products it the field itself. Take care while drying the harvested rice directly under the sun, especially during the afternoon periods.		
		In rice fallows where transplanting is practiced during the first crop, organic manure seeds (Daincha, sunhemp, cowpea etc) can be sown during this time. These can be harvested at its 45 days of growth, just before flowering. This will not only help in fixing nitrogen into the soil, but also control the weeds growth in the fields. If there is sufficient soil moisture at the time of harvest, incorporate them into the soil through deep ploughing. Other wise use it for preparation of composts.		



Paddy (Viruppu: First crop season)	Land preparation for broadcasting	As fairly good summer showers are predicted during the second and third weeks of April preparations can be started in places where broadcasting is preferred.		
Cucurbit-aceous vegetables	Flowering and fruit setting stage	Pumpkin beetle	If beetle population is found high, spraying of malathion 50 EC or Dimethoate 30 EC @ 500 ml / ha	
**Mammalian livestock	Various stages of growth	Ticks are the vectors of many severely damaging disease causing organisms like protozoa. Also tick infestation may cause anemia, bloody urine, jaundice etc.	Usually after feeding the ticks fall on the ground and live in small holes in the ground as well as on the walls of the cattle shed. Hence controlled flaming (with dried leaves), the floor and walls of the cattle shed and also the ground were cattle lie outside the shed is advised. At the time of flaming the cattle should be kept temporarily away from the location. Soak cotton clothes in dilute Cypermethrin (1ml per 2 litrres of water) solution and wipe the whole body of the cattle once in a week. Spray Cypermethrin (diluted @1ml per litre of water) on the ground and walls of the cattle shed, and also wherever the cattle is sheltered during day time.	

Sd/-Nodal Officer, GKMS Project, RARS Pilicode