

Significant past weather from 27-01-2017 to 30-01-2017

Parameters	Past weather
Rainfall (mm)	3.3
Maximum Temperature (°C)	29-32
Minimum Temperature (°C)	22-23
Sky condition (Octas)	4-7
Relative humidity (%)	48-83
Wind speed (kmph)	9-16

Ensemble Weather forecast until 08:30 hrs of 05.02.17

Parameters	Ensemble FCST				
	01.02.17	02.02.17	03.02.17	04.02.17	05.02.17
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	31	31	31	31	31
Minimum Temperature (°C)	21	21	20	20	20
Sky condition (Octas)	6	6	6	6	6
Max. Relative humidity (%)	70	70	65	65	65
Min. Relative humidity (%)	67	67	62	62	62
Wind speed (kmph)	16	16	13	13	13
Wind direction	E	E	E	E	E

SMS Advisory:

Generally cloudy weather will prevail, No rainfall is expected for the next five days.

Weather Based Agro-Advisories.

Imp. Crops: Paddy, Vegetables, Coconut and Sugarcane

- In Sugarcane incidence of whitefly and mite were noticed , The farmers are advised to adopt the following management practices to reduce the damage. 1. Water logging should be avoided in the fields. 2. Detrashing should be done for the crops at grand growth phases at 5th and 7th month after planting. 3. Judicious application of nitrogenous fertilizers.
- In coconut leaf blight is expected for which farmers are advised to spray Bordeaux mixture @ 1% or Copper oxychloride @ 0.25 % or Mancozeb @ 0.2 % (2 times at 45 days interval), root feeding of Carbendazim 2 g or Hexaconazole 2 ml + 100 ml water (3 times at 3 months interval) along with application of an additional quantity of 2 kg of MOP.
- Formation of mini farm pond based on the slope and use mobile sprinklers for pumping out water from the farm pond to mitigate the drought during critical stages of plant growth.
- Infestation by brown planthopper results in burnt up appearance called ‘hopper burn’. The nitrogenous fertilizers should be split into 3-4 doses. Spraying resurgence causing and synthetic pyrethroid group of insecticides are to be avoided. Neem oil 3 % can be used @ 6 lit/ac with soap oil or dichlorvos 76 % SC 200 ml/ac or buprofezin 25 % SC @ 320ml/ac or fipronil 5 % SC 400ml/ac or imidacloprid 17.8 % SL 40 ml/ac is to be used. Farmers should be insisted that before spraying chemicals for the management of brown planthopper, water should be drained from the field. The spraying should be done to target the base of the stem portion.
- Due to the cool weather condition cattle rearers are advised to allow the cattle for grazing after 2 hrs of sunrise, covered the cow shed with gunny bags, keep the floor in dry condition and Dry feed and greens are feed without moisture to avoid the fungal infection .

Principal Coordinator
MSSRF