

**Agromet Advisory Bulletin for Thoothukudi district**

**(From 02<sup>nd</sup> May to 06<sup>th</sup> May 2018**

(Issued jointly by AAS Unit, Agricultural Research Station, Kovilpatti, Tamil Nadu  
Agricultural University & India Meteorological Department)

**Significant past weather data for the preceding week (27.04.2018 -30.04.2018)**

Rainfall (mm)	2.8
Maximum Temperature (°C)	33-34
Minimum Temperature (°C)	26-28
Cloud cover (Octa)	2-7
RH at 08:30 hrs (%)	80-81
RH at 17:30 hrs (%)	71-81
Wind speed (kmph)	6-28
Wind direction (deg)	180-200

**Weather forecast until 08:30 hrs of 06.05.2018**

Parameters	Ensemble forecast				
	Day 1 02.05.18	Day 2 03.05.18	Day 3 04.05.18	Day 4 05.05.18	Day 5 06.05.18
Rainfall (mm)	0	0	0	0	0
Max. Temperature (°C)	34	34	34	36	36
Min. Temperature (°C)	27	27	27	27	27
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	75-80	75-80	75-80	70-80	70-80
Wind (kmph) (dd)	25/S	25/S	25/S	20/S	20/S

S- South

**Agromet advisories in relation to the anticipated weather having moderate cloud cover and moderate humidity.**

Crop/ Ecosystem	Stage / Activities	Advisories
High wind speed	Crops	<ul style="list-style-type: none"> <li>Farmers are advised to go for mulching to preserve the soil moisture for the crop growth.</li> </ul>
	Animal Husbandry	<ul style="list-style-type: none"> <li>In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.</li> </ul>
	Banana	<ul style="list-style-type: none"> <li>Prevailing moderate wind speed may damage the banana crops. Farmers are advised to do propping for Banana.</li> <li>For irrigated crops, wind speed will increase evaporation loss. Hence, regular interval of irrigation may be given to avoid heat stress.</li> </ul>
General	Summer Ploughing	<ul style="list-style-type: none"> <li>Summer ploughing is advised to improve the infiltration rate of soil as well as to control the weed growth by utilizing the unexpected rainfall during summer months.</li> </ul>

	Green manure crop	<ul style="list-style-type: none"> <li>• Raise green manure crop by using unexpected rainfall during summer months.</li> </ul>
Banana	Bunch development stage	<ul style="list-style-type: none"> <li>• Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality.</li> </ul>
Rice	Harvest technology	<ul style="list-style-type: none"> <li>• The right stage for harvesting is when about 80% panicles have 80 % ripened spike lets and their upper portion is straw colored. The grain contains about 20% of moisture.</li> </ul>
Flower crop	Maligai	<ul style="list-style-type: none"> <li>• Prevailing weather is favorable for bud worm incidence. to control the spray any one of the chemical Thiochlorid (Alanto) 240SC @ 1 ml/litre or Spinosad (Tracer) @ 0.5 ml/lit or Spray Profenophos 25EC @ 2 ml/lit or Spray neem seed kernel extract 5 %.</li> </ul>

- SMS: Rain: Nil. Maligai - bud worm incidence - spray any one of the chemical Spray Profenophos 25EC @ 2 ml/lit or Spray neem seed kernel extract 5 %.

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