



# AGROMET ADVISORY SERVICE BULLETIN FOR THANE DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkani Krishi Vidyapeeth,  
& India Meteorological Department)



Ph.No. : (02358) 282387

Email : dpl.amfu@gmail.com

No. 28/2021

Date: 06/04/2021

Duration – 5 days

**Dr. Prashant Bodake,**  
Head,  
Department of Agronomy  
9420413255

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

Significant past weather for the preceding week (Period –31/03/2021 to 06/04/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 11/04/2021				
(Source: Agromet observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
31/03	01/04	02/04	03/04	04/04	05/04	06/04		07/04	08/04	09/04	10/04	11/04
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
37.8	36.0	35.2	36.2	36.6	36.2	-	Max.Temp. (°C)	36	36	35	35	36
22.8	22.6	22.6	21.0	21.0	22.2	-	Min.Temp. (°C)	23	23	23	25	25
0	0	2	0	0	0	-	Cloud cover (Octa)	0	0	2	2	3
63	76	72	72	70	63	-	Max. RH (%)	70	68	65	61	52
44	43	58	46	41	41	-	Min. RH (%)	50	50	55	53	48
3.7	0.0	1.9	0.0	3.7	0.0	-	Wind speed(Km/hr)	5	4	4	6	5
SE	Calm	SW	Calm	SW	Calm	-	Wind direction	SW	SE	SE	S	S

### Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of dry weather with no large change in maximum and minimum temperature and sky remains clear from 7 <sup>th</sup> to 11 <sup>th</sup> April, 2021 over Thane district.
<b>ERFS</b>	As per ERFS products above normal maximum temperature may occur in Konkani division during subsequent one-week 9 <sup>th</sup> to 15 <sup>th</sup> April, 2021.

### Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>General advisory</b>	-	<ul style="list-style-type: none"> <li>For cultivation of crops during kharif season, perform the deep ploughing operation to exposed the hibernate pupae or egg stages of insect and disease spores.</li> </ul>
<b>SMS</b>	-	<ul style="list-style-type: none"> <li>For control the incidence of fruit fly on mango fruits, install “Rakshak fruit fly trap” developed by University @ 2 traps per acre.</li> </ul>
<b>Mango</b>	Fruiting	<ul style="list-style-type: none"> <li>To minimize the pre-mature fruit drop of mango, as per availability of water, apply 100 liter /tree at weekly or 150 to 200 liter/ tree at 15 days interval from pea to arecanut fruit size also use straw mulch. withhold irrigation one months prior to fruits ready for harvesting</li> <li>There is possibility for incidence of fruit fly on mango fruits. Collect and destroy all fallen fruits and install “Rakshak fruit fly trap” developed by University @ 2 traps per acre.</li> </ul>
<b>Coconut</b>	Fruiting	<ul style="list-style-type: none"> <li>To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Apply bordopaste to infected portion. Install pheromone trap @ 1 trap per acre in coconut orchard.</li> </ul>
<b>New fruit crop plantation</b>	-	<ul style="list-style-type: none"> <li>For new plantation of fruit crop orchard, keep the planting area clean.</li> </ul>
<b>Sapota</b>	Fruiting	<ul style="list-style-type: none"> <li>There is possibility for incidence of budworm on sapota, install blue light trap in orchard for monitoring insect. If incidence is noticed spray any one of the insecticides viz., Emamectin benzoate 5% SG @ 4.5 gm or Deltamethrin 2.8% EC @ 10 ml or Lambda cyhalothrin 5%EC @ 10 ml or Profenophos 40% EC @ 10 ml per 10 liter of water at an interval of 1 month. Install blue light trap in orchard for monitoring insect.</li> </ul>
<b>Lablab</b>	Maturity	<ul style="list-style-type: none"> <li>Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and</li> </ul>

<b>bean/Cowpea</b>		then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain at dry and safe place.
<b>Turmeric</b>	Land preparation	<ul style="list-style-type: none"> <li>• For cultivation of turmeric during kharif season, perform the deep ploughing operation to exposed the hibernate pupae or egg stages of insect and disease spores.</li> </ul>
<b>Milch animal</b>	-	<ul style="list-style-type: none"> <li>• Vaccination against foot and mouth disease in farm animals under supervision of veterinary officers is advocated.</li> </ul>
<b>Poultry</b>	-	<ul style="list-style-type: none"> <li>• Vaccination against Ranikhet disease in poultry birds under supervision of veterinary officers is advocated.</li> </ul>
<p>This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p>		