



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, IGATPURI**  
**ZONAL AGRICULTURAL RESEARCH STATION, IGATPURI**



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**92) Weather based Agromet Advisory committee meeting dated 17.01.2020**

**District: Nashik**

Observed weather during last week (Dated 11.01.2020 to 17.01.2020)							<u>Weather Parameters</u>	Weather Forecast (Valid for 18 <sup>th</sup> Jan. to 22 <sup>nd</sup> Jan., 2020)				
11/01	12/01	13/01	14/01	15/01	16/01	17/01	Date	18/01	19/01	20/01	21/01	22/01
0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>Rainfall (mm)</b>	0	0	0	0	0
25.5	29.0	28.5	26.0	25.8	24.7	22.1	<b>T<sub>max</sub> (°C)</b>	25	25	26	24	25
12.5	14.0	12.7	13.0	12.0	8.4	6.9	<b>T<sub>min</sub> (°C)</b>	10	12	13	11	12
P Cloud	P Cloud	P Cloud	P Cloud	P Cloud	Clear	Clear	<b>Cloud Cover</b>	Clear	Clear	Clear	Clear	P Cloud
69	85	90	95	88	95	81	<b>RH-I (%)</b>	50	43	46	49	42
42	45	60	58	55	42	32	<b>RH-II (%)</b>	23	23	24	26	26
9.8	3.7	2.6	2.6	3.0	3.9	3.8	<b>Wind Speed (km/hr)</b>	6	7	6	4	7

**Agromet Advisory Based on Weather Forecast Prediction**

Crop	Stage	Advisory
<b>Weather Summary/ Alert</b>		In the next five days there is possibility of dry weather. Also Maximum Temperature staying in between 24-26 Degree Celsius, Minimum Temperature 10-13 Degree Celsius & the wind speed will remain between 4-7 km/ hr for the next five days.
<b>General Advisory</b>		Control the sucking pest on vegetable crops by undertaking the spraying of Acetamiprid 20 sp@ 0.4 gm per lit. or water OR Thiamethoxam 25 wg@ 2 gm per 10 lit. of water.
<b>SMS Advisory</b>		Application/ spraying of 5 % NSKE & installed bird perches at gram field for control of gram pod borer of gram crop.
<b>Wheat</b>	<b>Tillering</b>	1. If the incidence of Aphid is observed on Wheat crop, by undertaking the spraying of Thiamethoxam 25 wg@ 1gm per 10 lit. of water. 2. When the wheat crop at tillering stage (i.e crop at 40 to 42 DAS) give another turn of irrigation.
<b>Gram</b>	<b>Pod filling/ development</b>	1. Control pod borer pest on Gram crop by undertaking the spraying of Chlorantraniliprole 18.5 S.C@ 2.5 ml per 10 lit. OR Emamectin benzoate 5 SG@ 4 gm per 10 lit. of water if there is an average of 1 larva per plant on Gram, then mix it with water. 2. Application/ spraying of 5 % NSKE & Heliokil@ 500 ml in 500 liter of water at 15 days interval for control of gram pod borer of gram crop.. 3. If available irrigate Gram crop at pod filling stage.
<b>Fruit crops &amp; Vegetable</b>	--	1. Control the Thrips on Onion crops by undertaking the spraying of Fipronil 5 sc@ 20 ml per liter of water OR Lambda cyhalothrin 5 ec@ 6 ml per 10 lit. of water. 2. Control Onion Blight by undertaking the spraying of Dithane M-45@ 2.5 gm per liter of water. 3. Considering the forecast of minimum temperature protect fruit orchards from cold wind by giving irrigation at evening time.
<b>Mango</b>	--	1. Protect mango flowers from Powdery mildew by spraying of wettable sulphur@ 30 gm per 10 lit. of water. 2. Protect mango flowers from hoppers by spraying of Imidachloprid 17.8 SL@ 3 ml per 10 lit. of water or Metarizzium anisopli or Verticilium lecani or Confidor @ 4 ml per 10 liters of water.
<b>Grape</b>	<b>Veraison / Berry setting</b>	1. Considering the forecasting the grape & Pomegranate gardens should be protect from the cold by giving smoke & gunny bags or any cloths or shade net should be tie around the gardens. 2. Control Powdery Mildew in Grape by undertaking the spraying of Dithane conazole@ 0.5 ml per lit. of water OR Myclobutanil@ 0.4 g per lit. of water.( Depending on the stage of the garden and pre-harvesting season, spray the label claim as well as recommended pesticide/ fungicide according to the severity of the disease.)

<b>Livestock</b>		1. The milk animals, other farm animals and poultry birds are protected from cold wave by giving smoke in shade and poultry house or arrange gunny bags for covered animal body or protected shades.

**Source:**

- 1) Weather Forecast : Regional Weather Forecasting Section, Mumbai  
2) Last Week Weather Summary : GKMS, Agromet Observatory, ZARS, Igatpuri

Place : ZARS, Igatpuri  
Date : 17.01.2020

Sd/-  
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Associate Director of Research, ZARS, Igatpuri