



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

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#### 11) Weather based Agromet Advisory committee meeting dated 07.04.2020

**District: Ahmednagar**

| Last Week Weather Summary<br>(31.03.2020 to 06.04.2020) |      |      |      |      |      |      | Weather<br>Parameters | Weather Forecast<br>(08.04.2020 to 12.04.2020) |    |    |    |    |
|---|------|------|------|------|------|------|-----------------------|--|----|----|----|----|
| 31  | 01   | 02   | 03   | 04   | 05   | 06   | Date                  | 08   | 09 | 10 | 11 | 12 |
| 0   | 0    | 0    | 0    | 0    | 0    | 0    | Rainfall (mm)         | 0  | 0  | 0  | 0  | 0  |
| 35.4  | 37.7 | 36.8 | 37.0 | 37.0 | 37.8 | 38.2 | Max. Temp. (0C)       | 35   | 35 | 35 | 35 | 35 |
| 20.4  | 18.9 | 18.4 | 19.5 | 19.3 | 18.9 | 19.9 | Min. Temp. (0C)       | 20   | 20 | 22 | 22 | 24 |
|   |      |      | 0    | 0    | 0    | 0    | Cloud Cover           | 0  | 0  | 0  | 0  | 0  |
| 72  | 80   | 83   | 80   | 77   | 80   | 72   | Max. RH (%)           | 55   | 54 | 53 | 51 | 48 |
| 26  | 20   | 20   | 23   | 19   | 17   | 16   | Min. RH (%)           | 25   | 23 | 22 | 23 | 21 |
| 1.0   | 1.4  | 1.2  | 0.7  | 0.8  | 0.9  | 1.4  | Wind Speed(km/hr)     | 9  | 9  | 5  | 4  | 3  |

#### Agromet Advisory Based on Weather Forecast Prediction

| Crop                   | Stage | Advisory   |
|------------------------|-------|--|
| Weather Summary/ Alert |       | Weather will remain dry for next five days. However, here will be increase in temperature.   |
| General Advisory       |       | Scheduled protective irrigation as per critical growth stages of summer crops.   |
| SMS Advisory           |       | Use mulch for control of evaporation and apply the drip irrigation.  |
| Groundnut              |       | At the time of pod formation, spray 00:52:34 @ 70 g and multi- micronutrient @ 50 g per 15 liter of water to enhance pod formation.  |
| Sunflower              |       | Spray the crop with 10 ml dimethoate 30 EC per 10 liters of water for the control of aphids and jassids.   |
| Lucern                 |       | Spray 1ml SINPV + 5g Beauveria bassiana per 10 liters of water for the management of <i>Spodoptera litura</i> .  |
| Citrus crops           |       | Spray 15g acephate 75 SP per 10 liters of water for the control of black fly.  |
| Pomegranate            |       | Apply 135 kg carbofuron 3G/ha around tree trunk for the control of nematodes under sufficient moisture condition.  |
| Sapota                 |       | Spray the crop with 10 ml profenophos 50 EC or lambda cyhalothrin 5 EC or deltamethrin 2.8 EC per 10 liters of water for the control of Chiku moth ( <i>Nephopteryx eugraphella</i> )  |
| Gerbera                |       | Spray the crop with 10 ml chlorpyrifos 20EC or 15 g acephate 75 SP in 10 liters of water for the control of leaf miner.  |
| Carnation              |       | Spray the crop with 15 ml dicofol 18.5 EC or 4 ml abamectin 1.8 EC in 10 liters of water for the control of red mites.   |
| Animal Husbandry       |       | <p>In the summers environmental temperature has raised, most part of the state body temperature of animal also go's high with environmental temperature and dairy animal maintain their body thermo equilibrium by drinking more water and eating less feed which finally results in decrease in growth reproduction and production of milch animal.</p> <p>to avoid these losses one should take care of dairy animal in summer have given below;</p> <p>1) animals should be kept either at cool place in shade or under the shadow of tree roof of shade should be covered with dried grass, dried farm wasted, dried</p> |



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|  |  |
|--|--|
|  | <p>coconut leaves etc</p> <p>2) Animal should provide with clean and cool drinking water three to four times a day. In case of separate water through they should primarily made of soil or cement and should not exposed to sunlight.</p> <p>3) Avoid grazing of animals at noon (11.00 am to 4.00 pm) in summer days.</p> <p>4) animal should provided with green roughages like green maize, cowpea, green jowar, lucern, berseem etc at noon to maintain milk production and to increase reproductive efficiency.</p> <p>5) Additional mineral mixture should be given in a diet Adlib green roughages may given as source of vitamin A.</p> |
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**Source:**

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|------------------------------|---------------------------------------|
| 1) Weather Forecast          | : Research Section, Mumbai            |
| 2) Last week weather summary | : IMD Observatory, WMP, MPKV, Rahuri. |

**Place : MPKV, Rahuri**

**Date : 07.04.2020**

**Sd/-**

**Nodal Officer, GKMS,  
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