



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by IMD, New Delhi and ICAR, New Delhi,
Krishi Vigyan Kendra, Kosbad Hill, Palghar)



No.28/2021

Date: 06/04/2021

5 Days

| Significant past weather for the preceding week (Period – 31/03/2021 to 06/04/2021) | | | | | | | Weather Parameters | Weather forecast from 08.30 hrs of 07/04/2021 to 11/04/2021 | | | | |
|--|-------|-------|-------|-------|-------|-------|---|--|-------|-------|---------------|---------------|
| 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 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 32.6 | 31.6 | 33 | 32 | 31 | 31.8 | | Maximum temperature (°C) | 32 | 31 | 33 | 32 | 34 |
| 19.6 | 23.4 | 25 | 22 | 23 | 22.4 | | Minimum temperature (°C) | 23 | 23 | 23 | 24 | 24 |
| | | | | | | | Cloud cover (Octa) | Clear | Clear | Clear | Partly cloudy | Partly cloudy |
| 84 | 83 | 90 | 90 | 92 | 81 | | Relative Humidity Max. (%) | 74 | 71 | 78 | 74 | 69 |
| 48 | 55 | 62 | 68 | 61 | - | | Relative Humidity Min. (%) | 57 | 58 | 58 | 50 | 45 |
| 3.2 | 3.6 | 2.3 | 3.9 | 3.7 | 3.3 | | Wind speed (Km/hr) | 3 | 3 | 3 | 3 | 4 |
| E | ENE | ENE | ENE | NE | | | Wind direction | S | ENE | ESE | SE | S |
| Rainfall (mm) in last week | | | | | | | Rainfall (mm) from 01/01/2021 to till dated | Total Rainfall (mm) in last year | | | | |
| 0.0 | | | | | | | 0.0 | 3135.2 | | | | |

Agro-met Advisory Based on Weather Forecast Prediction

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|-------------------------|--|
| Weather summary | As per the forecast given by RMC, Mumbai, there is a possibility of increase in Maximum and minimum temperature during 7 th to 11 th April, 2021. Maximum temperature will remain in between 31 to 34°C and minimum temperature will remain in between 24 °C. As per Extended range forecast for Konkan division for the period of 14 th April to 20 th April 2021, Maximum temperature will be remain above normal and minimum temperature will be below normal. |
| General advisory | Due to forecast of increase in temperature may leads to accelerate evaporation, hence provide irrigation to fruit orchard by 4-5 days of interval also use straw mulch to reduce evaporation losses. Provide shed to newly planted fruit orchard to protect from increasing heat. |
| SMS | There is possibility of increase in temperature during day hence protect the farm animals from heat. |

| Crop | Stage | Agro-met Advisory |
|----------------|------------------------------|---|
| Mango | Fruiting | ☀️ To protect the fruits from sun scald, reduce fruit drop in mango, do pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage. |
| Coconut | Initiation stag | ☀️ Due to forecast for increase in temperature, decrease in humidity, provide irrigation to first four years old coconut orchard at 4 to 5 days interval and for above four years old orchard provide irrigation at 5 to 6 days interval. To protect the coconut palm from increasing temperature, apply bordopaste to the base of stem. Provide shed to newly planted coconut orchard. |
| Sapota | Flowering to Fruiting | ☀️ possibility for incidence of budworm on sapota, If incidence is noticed spray any one of the Jinsecticides 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 inorchard for monitoring insect. The third split dose of Nitrogen @ 20 kg. per ha should be apply. Water level should be maintain at 10 cm for 10 days before flowering and 10 days after flowering. In case of blast disease on rice, spray with 10 gm of Tricyclazole or 10 ml of Isoprothiolin per |

| | | |
|--|-----------------|--|
| | | 10 liters of water. |
| Cashew nut | Fruiting | ✚ Spray Dichlorovos 76% solution in 10 ml. per 10 liters of water for control of fruit and seed borer larvae on cashew nut. |
| Animal husbandry | | ✚ Provide clean, hygienic and plenty amount of drinking water to farm animals. To reduce the stress of heat in farm animals, provide roughages by mixing with solution of 1% Jaggery and 0.5% salt separately. |
| <p>This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.</p> <p>E-mail: kvkkosbad439@gmail.com Contact no. 8552882712</p> | | |

Source:

- 1) **Weather forecast** : **Regional Meteorological centre (RMC, Mumbai)**
- 2) **Last week weather summary** : **IMD Observatory (Agricultural Research, Station), Palghar**

Place: Krishi Vigyan Kendra, Palghar

Date: 06.04.2021

Sd/.
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