



Ministry of Earth Science, India Meteorological Department is collaborated with  
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**Gramin Krishi Mousam Seva Project,**  
College of Horticulture, Mulde  
Agro Advisory Bulletin For The District Sindhudurg  
(Period 27<sup>th</sup> May to 31<sup>st</sup> May, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 19<sup>th</sup> to 25<sup>th</sup> May, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 27<sup>th</sup> May to 31<sup>st</sup> May, 2020)

| 19/05  | 20/05  | 21/05  | 22/05  | 23/05  | 24/05  | 25/05  | Date                | 27/05                  | 28/05                  | 29/05         | 30/05      | 31/05         |               |
|--------|--------|--------|--------|--------|--------|--------|---------------------|------------------------|------------------------|---------------|------------|---------------|---------------|
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | Rainfall (mm)       | 3                      | 5                      | 0             | 2          | 16            |               |
| 38.0   | 38.0   | 36.0   | 37.0   | 38.0   | 39.0   | 39.0   | Temp. Maximum (°C)  | 35                     | 35                     | 34            | 35         | 36            |               |
| 26.0   | 26.0   | 25.0   | 25.5   | 26.0   | 25.5   | 26.0   | Temp. Minimum (°C)  | 28                     | 28                     | 28            | 27         | 27            |               |
| Cloudy | Clear  | Clear  | Clear  | Cloudy | Cloudy | Cloudy | AM                  | Cloud Cover<br>(Octa.) | 7                      | 7             | 5          | 2             | 3             |
| Clear  | Cloudy | Cloudy | Cloudy | Cloudy | Clear  | Cloudy | PM                  |                        |                        |               |            |               |               |
| 82     | 85     | 85     | 85     | 85     | 80     | 85     | RH - I (%)          | 92                     | 92                     | 92            | 89         | 89            |               |
| 48     | 52     | 57     | 48     | 45     | 45     | 45     | RH - II (%)         | 56                     | 53                     | 51            | 45         | 45            |               |
| 1.7    | 1.3    | 2.3    | 2.2    | 2.6    | 2.7    | 2.5    | Wind Speed (km/hr.) | 005                    | 005                    | 004           | 004        | 003           |               |
| Calm   | Calm   | Calm   | Calm   | Calm   | Calm   | Calm   | AM                  | Wind Direction         | Westerly<br>North West | South<br>East | South East | South<br>East | South<br>East |
| WSW    | WNW    | WSW    | WSW    | WSW    | WNW    | ESE    | PM                  |                        |                        |               |            |               |               |

| Rainfall (mm) in last year (2019) | Rainfall (mm) from 01/01/20 to till dated | Rainfall (mm) from 01/06/20 to till dated | Rainfall (mm) in last week |
|-----------------------------------|---|---|----------------------------|
| 4591.0                            | 3.2                                       | 0.0                                       | 3.2                        |

General Weather condition in forthcoming 5 days: Maximum temperature will be decrease in the Sindhudurg District in upcoming five days as well as light rain is forecasted on 27<sup>th</sup>, 28<sup>th</sup>, 30<sup>th</sup> and 31<sup>st</sup> May, 2020 at isolated places and weather remain moist and mainly cloudy. RMC, Mumbai.

Weather Prediction Based Agro-Advice

| Name of Crop                     | Growth Stage                  | Advisory   |
|----------------------------------|-------------------------------|--|
| Rice, Finger millet<br>Groundnut | Preparatory tillage operation | Destroy the stubbles of rice crop after harvesting. Plough the field and let the soil heat up well in the sun. Ploughing the field after harvest to destroy the stubbles is suggested. In the areas where the harvesting is completed, in such areas plough the field and make arrangements for cultural operations for <i>kharif</i> season and preparation of rice nursery. Procure improved seeds of rice, groundnut and finger millet.   |
| Mango                            | Harvesting                    | Newly planted mango seedlings should be supported by sticks as wind speed is likely to increase in the coming week Also create shade with the help of shade net for protection from the sun. The Mango fruits are egg size stage and in mature size stage in some parts in the district. Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85 % maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Do not apply any insecticides/fungicides 8 days before harvesting of mango fruits. |
| Cashew nut                       | Harvesting                    | Newly planted cashew nut seedlings should be supported by sticks as wind speed is likely to increase in the coming week Also create shade with the help of shade net for protection from the sun. If the incidence of cashew stem rot borer is found to control cashew stem rot borer remove the bark of affected stem with help of 15 mm knife and remove the cashew stem rot borer from stem and soak the stem in to the paste of Chloropyrifos 20% EC @ 10 ml. per 10 liter of water or fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated.  |
| Coconut                          | Fruit Development             | Newly planted coconut seedlings should be supported by sticks as wind speed is likely to increase in the coming week Also create shade with the help of shade net for protection from the sun.   |
| Mango, Cashew, Coconut, Arecanut | New plantation                | For new plantations of Mango, Cashew, Coconut and Arecanut, clean the area by cutting small shrubs and plants. For mango, dig out the pits of 1 x 1 x 1 m. size at the distance of 10 x 10 m. and for cashew pits of 0.6 x 0.6 x 0.6 m. size at the distance of 7 x 7 m., for coconut pits of 1 x 1 x 1 m. at a distance of 7.5 x 7.5 m and for arecanut pits of 0.6 x 0.6 x 0.6 m. at a distance of 2.7 x 2.7 m and expose them to sunlight. Fill the pits with mixture of soil, 30 to 40 kg of FYM or Compost and 1 kg single super phosphate.   |
| Fruit processing                 |                               | Make processed preservative food products from fruits of Mango, Jackfruit, Jamun, Kokum, Karonda as per availability of fruits.  |
| Soil testing                     |                               | Do not burn stubbles of crops, leaves and weed in the field, It causes depletion of plant nutrients also decrease soil fertility. Soil testing of the soil should be done to check the amount of N,P,K after harvest of fruit crops. For detail information contact Soil Scientist, Regional Fruit Research Station, Vengurla. (02366-262234).   |
| Poultry                          |                               | Vaccination to poultry against Ranikhet disease under the supervision of Veterinary officer is advocated.  |

This Agro Advisory Bulletin (AAB) is prepared and published with the consolation and recommendation of SMS committee of "Gramin Krishi Mausam Sewa (GKMS)", Regional Fruit Research Station, Vengurla and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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