



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District Sindhudurg
(Period 04th to 08th March, 2020)



Issue 18/2020

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Duration 5 Days

Actual weather parameters recorded during last week
(Dated 26th February to 03rd March, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 04th to 8th March, 2020)

| 26/02 | 27/02 | 28/02 | 29/02 | 01/03 | 02/03 | 03/03 | Date | 04/03 | 05/03 | 06/03 | 07/03 | 08/03 |
|-------|-------|-------|--------|--------|-------|--------|---------------------|-------|-------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 39.0 | 39.0 | 38.0 | 39.0 | 38.0 | 36.0 | 36.0 | Temp. Maximum (°C) | 35 | 34 | 34 | 33 | 33 |
| 18.0 | 17.5 | 20.5 | 21.5 | 21.0 | 20.0 | 19.0 | Temp. Minimum (°C) | 20 | 19 | 19 | 18 | 18 |
| Clear | Clear | Clear | Cloudy | Cloudy | Clear | Cloudy | AM Cloud Cover | 0 | 1 | 2 | 2 | 0 |
| Clear | Clear | Clear | Cloudy | Cloudy | Clear | | PM (Octa.) | | | | | |
| 91 | 91 | 89 | 88 | 91 | 89 | 89 | RH - I (%) | 73 | 75 | 75 | 77 | 77 |
| 32 | 39 | 39 | 37 | 37 | 42 | | RH - II (%) | 36 | 33 | 31 | 38 | 31 |
| 2.0 | 2.6 | 2.6 | 2.0 | 1.4 | 2.0 | 1.7 | Wind Speed (km/hr.) | 006 | 006 | 006 | 006 | 006 |
| Calm | Calm | Calm | Calm | Calm | Calm | Calm | AM Wind | 79 | 62 | 97 | 74 | 49 |
| WNW | WSW | WNW | WNW | WSW | WSW | | PM Direction | | | | | |

| 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 | 0.0 | 0.0 | 0.0 |

General Weather condition in forthcoming 5 days: Temperature will be increased in forthcoming 5 days also weather remains partly cloudy.

Weather Prediction Based Agro-Advice

| Name of Crop | Growth Stage | Advisory |
|--------------|----------------------------|--|
| Mango | Flowering to Fruit Set | <p>Incidence of mango hopper on new flowers is found to control spraying of Deltamethrin 2.8% EC 9 ml. per 10 liter water should be spray.</p> <p>Incidence of thrips may be observed on bud bursting stage of mango trees due to change in weather conditions. For their control application of 45 per cent <i>Spinosad</i> 2.5 ml per 10 litres of water is suggested.</p> <p>There is a increase in maximum temperature and afternoon humidity has become lower in the district. The temperature will be increase in current week, to control mango fruit drop in lateritic rocky soils spraying with 1% Calcium nitrate is recommended.</p> <p>Due to forecast of rise in temperature during forthcoming week to control mango fruit drop increasing the production and quality of fruits of mango, spraying with 1% Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended.</p> <p>There is a increase in maximum temperature and afternoon humidity has become lower in the district. The temperature will be increase in current week. Application of 80-100 litres of water per tree at 7 days interval as per the availability is suggested. Mulching with grass should be done to avoid the water loss in mango orchards in lateritic soil.</p> <p>Avoid spraying of insecticides at time of anthesis. So as to avoid impact on cross pollination.</p> <p>To control Powdery mildew of mango spraying of 5% <i>Hexaconazol</i> @ 5 ml per 10 liter of water with 20 gram of <i>Sulfer</i> is advocated.</p> <p>To decrease fruit drop in mango it is recommended that cover the fruit with paper bags.</p> <p>As per the recommendation of the University, spraying of "Ambrashakti" a liquid fertilizer for enhancement of fertilization @ 1 liter/19 litres of water on the inflorescence is advocated. A solution of 20 litres should be sprayed on 4 trees.</p> |
| Cashewnut | Fruit Set | <p>To get white colors and whole nut from cashews to process the cashewnut as per University recommendation.</p> <p>Harvest the harvestable and dried cashews from plant and dry it in sunlight.</p> <p>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 <i>Cloropyriphos</i> 20% EC @ 10 ml. per 10 liter water is advocated.</p> <p>To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised.</p> |
| Coconut | | <p>Due to Cloudy & hot weather the incidence of rugose spiraling whitefly is found on coconut. To control establish yellow sticky traps and for removing sooti mould spraying of 1% Starch solution is advised. Also in sever attack spraying of Neem oil 0.5% or 0.005% Imidacloprid is advocated.</p> |
| Rice | Tillering | <p>There is a increase in maximum temperature and afternoon humidity has become lower in the district. The temperature will be increase in current week. Maintain the water level in <i>rabi</i> rice up to 2-3 cm for first 8-10 days and increase the level up to 5 cm. Weeding operation should be carried out in <i>rabi</i> rice and apply first dose of Nitrogen 40 kg per ha (87 kg Urea) to the rice crop 30 days after transplanting.</p> |
| Groundnut | flowering to peg formation | <p>The groundnut crop is in flowering stage and some early varieties is in peg formation stage so drum rolling operation should be carried out to increase number of pods ultimately production will be increased.</p> |
| Horse gram | Harvesting | <p>In some places Horse gram crop is in harvesting stage. Harvest the mature pods and dry them in sun.</p> |

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, Vengurle and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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