



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District Sindhudurg
(Period 15th to 19th January, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week
(Dated 8th to 14th January, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 14th to 19th January, 2020)

| 08/01 | 09/01 | 10/01 | 11/01 | 12/01 | 13/01 | 14/01 | Date | 15/01 | 16/01 | 17/01 | 18/01 | 19/01 |
|--------|--------|-------|--------|--------|--------|-------|---------------------|-------|-------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 35.0 | 34.5 | 33.0 | 35.0 | 35.0 | 35.5 | 35.5 | Temp. Maximum (°C) | 34 | 34 | 32 | 31 | 33 |
| 21.0 | 18.5 | 18.5 | 18.5 | 18.0 | 17.0 | 18.0 | Temp. Minimum (°C) | 20 | 19 | 18 | 18 | 19 |
| Clear | Clear | Clear | Clear | Clear | Clear | Clear | AM Cloud Cover | 3 | 2 | 1 | 0 | 2 |
| Cloudy | Cloudy | Clear | Cloudy | Cloudy | Cloudy | Clear | PM (Octa.) | | | | | |
| 93 | 90 | 91 | 91 | 93 | 91 | 91 | RH - I (%) | 87 | 83 | 84 | 66 | 71 |
| 46 | 45 | 45 | 41 | 45 | 33 | 42 | RH - II (%) | 49 | 46 | 50 | 34 | 38 |
| 1.7 | 1.2 | 1.3 | 1.5 | 1.4 | 1.9 | 0.7 | Wind Speed (km/hr.) | 006 | 008 | 006 | 010 | 005 |
| Calm | Calm | Calm | Calm | Calm | Calm | Calm | AM Wind | 102 | 109 | 97 | 59 | 67 |
| WSW | WSW | ENE | ENE | WSW | ENE | ENE | 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: Atmosphere remains dry, cold and partly cloudy in the upcoming five days.

Weather Prediction Based Agro-Advice

| Name of Crop | Growth Stage | Advisory |
|---------------------------------|----------------------------|--|
| Rice | Seedling | In Rabbi rice, maintain the water level 2-3 cm for first 8-10 days and increase the level up to 5 cm. |
| Horse gram and Cowpea | Seedling to Branching | The incidence of aphids and leaf miner may be noticed on pulse crops. For their control spraying with 10 ml Dimethoate per 10 litres of water at an interval of 15-20 days is suggested. |
| Kadva Wal | Seedling to Branching | Availability of moisture in the field is needful for Wal crop in every crop growth stage. If availability of irrigation water irrigate the crop at flowering and grain filling stage. Excessive irrigation leads to branching and reduction in yield. To control pod borer in Kadva wal spraying with Malathion 2 ml. per liter of water in flowering stage is advocated. |
| Groundnut Sunflower and Mustard | Seedling to Branching | Light irrigation to groundnut crop three days after sowing. Irrigation interval should be 10-12 days for this stage. Also irrigate the sunflower and mustard crop timely. Gap filling should be done in groundnut crop. |
| Mango | Flushing to Flowering | Protect the new flushing in mango may be observed simultaneously the incidence of anthracnose and powdery mildew diseases may found on mango. In cloudy weather the host is expected to emerge is large quantity. Shade and high humidity are favorable for their multiplication. Due to heavy leaf flush on mango and such condition usually can make a huge attack on mango hopper on inflorescence leaf and fruits. To control spraying of Thiophenate methyl and Carbendanzim 1% @ 1 gram per liter water is advocated. Incidence of Mango Hoper, Thrips and Scale insect may be come on New flush of mango if found the incidence to control mango hopper application of insecticide like Deltamethrin 2.8% EC (0.9 per liter of water) or Thiomethoxam 25% WDG (0.1 gram per liter of water) is advised. In the district the 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 Spinosad 2.5 ml per 10 litres of water is suggested. As per the recommendation of the University, spraying of "Ambrashakti" a liquid fertilizer for enhancement of fertilization @ 1 liter/25 litres of water on the inflorescence is advocated. A solution of 25 litres should be sprayed on 4 trees. |
| Cashewnut | Flowering to Fruit Set | Current Climatic conditions are favorable for cashew borer. If such incidence is notified on inflorescence of cashew then spraying of 50 per cent Profenophos 10 ml/10 litres of water and if fruiting is their then spraying of 5 per cent lamdasayhalothrin 6ml/10 liters of water is advocated. 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>Cloropyrifhos</i> 20% EC @ 10 ml. per 10 liter water is advocated. To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised. |
| Chilli | Flowering | To control leaf curl (Bokdya/Churda Murda) and causing insects such as thrips and white flies in chillis, application of Phorate 10 kg per ha. also spraying of Dimethoate 30% EC 1 ml. + Sulphur 2 gm or Mancozeb 2 gm per liters of water is advised. |
| Water Melon | Flowering to Fruit setting | Installation of Cue-lure containing Rakshak fruit fly traps @ 4 traps/ha for control of fruit fly in gourd crops is advocated. Application of Dimethoate @ 10 ml per 10 litres of water to control leaf miners in watermelon 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, Vengurle and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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