



Ministry of Earth Science, India Meteorological Department is collaborated with  
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,  
**Gramin Krishi Mousam Seva Project,**  
College of Horticulture, Mulde  
Agro Advisory Bulletin For The District Sindhudurg  
(Period 21<sup>st</sup> to 25<sup>th</sup> February, 2020)



Issue 15/2020

Date 20.02.2020

Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 14<sup>th</sup> to 20<sup>th</sup> February, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 21<sup>st</sup> to 25<sup>th</sup> February, 2020)

| 14/02 | 15/02 | 16/02 | 17/02 | 18/02 | 19/02 | 20/02 | Date                | 21/02                  | 22/02 | 23/02 | 24/02 | 25/02 |    |
|-------|-------|-------|-------|-------|-------|-------|---------------------|------------------------|-------|-------|-------|-------|----|
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | Rainfall (mm)       | 0                      | 0     | 0     | 0     | 0     |    |
| 36.5  | 37.0  | 37.5  | 38.0  | 38.0  | 38.0  | 38.0  | Temp. Maximum (°C)  | 36                     | 35    | 36    | 37    | 35    |    |
| 18.0  | 18.5  | 18.0  | 18.0  | 17.0  | 17.0  | 17.5  | Temp. Minimum (°C)  | 22                     | 22    | 23    | 22    | 22    |    |
| Clear | Clear | Clear | Clear | Clear | Clear | Clear | AM                  | Cloud Cover<br>(Octa.) | 2     | 1     | 0     | 1     | 0  |
| Clear | Clear | Clear | Clear | Clear | Clear | Clear | PM                  |                        |       |       |       |       |    |
| 91    | 92    | 91    | 91    | 81    | 91    | 92    | RH - I (%)          | 65                     | 66    | 61    | 63    | 57    |    |
| 28    | 27    | 28    | 26    | 25    | 25    |       | RH - II (%)         | 26                     | 24    | 24    | 25    | 22    |    |
| 1.5   | 1.1   | 1.3   | 1.5   | 1.2   | 1.8   | 1.5   | Wind Speed (km/hr.) | 006                    | 007   | 007   | 007   | 005   |    |
| Calm  | Calm  | Calm  | Calm  | Calm  | Calm  | Calm  | AM                  | Wind<br>Direction      | 87    | 84    | 87    | 74    | 73 |
| WSW   | WNW   | WNW   | WSW   | WSW   | WSW   | WSW   | 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                            | 0.0                                       | 0.0                                       | 0.0                        |

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

**Weather Prediction Based Agro-Advice**

| Name of Crop          | Growth Stage               | Advisory  |
|-----------------------|----------------------------|---|
| Rice                  | Tillering                  | Due to forecast of increasing temperature during upcoming 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.<br>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.  |
| Horse gram and Cowpea | Pod formation              | 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             | Pod formation              | 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.   |
| Groundnut             | flowering to peg formation | 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.   |
| Mango                 | Flowering to Fruit Set     | 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.<br>Due to forecast of increasing temperature during upcoming week, the application of 150-200 litres of water per tree at 15 days interval as per the availability is suggested.<br>Avoid spraying of insecticides at time of anthesis. So as to avoid impact on cross pollination.<br>To control Powdery mildew of mango spraying of 5% <i>Hexaconazol</i> @ 5 ml per 10 liter of water with 20 gram of <i>Sulfur</i> is advocated. 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 <i>Spinosad</i> 2.5 ml per 10 litres of water is suggested.<br>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 25 litres should be sprayed on 4 trees. |
| Cashewnut             | Fruit Set                  | It is advised to cashew Gardner to be aware about attack of Tea mosquito bug on of cashew. If found incidence to control spraying of monocrotophos 36% EC 15 ml. or Lambda cyhalothrin 5% EC 6 ml. in 10 liter of water.<br>To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised.  |
| Coconut               | Fruit Development          | Fill the innermost leaf axils of coconut palm with mixture of 2 % methyl parathion dust 50 gm. + 50 gm. sand and spraying the FYM pits with 0.2 % carbaryl is advocated for control of adults and grubs of rhinoceros beetle. It is advocated to spray 1 per cent bordo mixture against leaf spot of Coconut.   |

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).

Dr. P.C. Haldavanekar  
Associate Dean  
College of Horticulture, Mulde  
Tal. Kudal Dist. Sindhudurg

Dr. P.C. Haldavanekar  
Associate Dean and Nodal Officer  
College of Horticulture, Mulde  
Tal. Kudal Dist. Sindhudurg  
(02362-244231,244272)

Dr. Y. C. Muthal  
Technical Officer  
Gramin Krishi Mousam Seva  
College of Horticulture, Mulde  
(02362-244231)