



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 20<sup>th</sup> to 24<sup>th</sup> June, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 12<sup>th</sup> to 18<sup>th</sup> June, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 20<sup>th</sup> to 24<sup>th</sup> June, 2020)

| 12/06  | 13/06  | 14/06  | 15/06  | 16/06  | 17/06  | 18/06  | Date                | 20/06                  | 21/06         | 22/06                    | 23/06 | 24/06                             |
|--------|--------|--------|--------|--------|--------|--------|---------------------|------------------------|---------------|--------------------------|-------|-----------------------------------|
| 48.6   | 106.2  | 59.4   | 24.6   | 77.2   | 71.1   | 112.8  | Rainfall (mm)       | 60                     | 68            | 65                       | 67    | 49                                |
| 27.5   | 28.7   | 31.0   | 34.5   | 34.5   | 27.5   | 29.5   | Temp. Maximum (°C)  | 30                     | 31            | 31                       | 29    | 29                                |
| 23.0   | 23.0   | 23.5   | 24.5   | 24.5   | 23.8   | 23.5   | Temp. Minimum (°C)  | 23                     | 23            | 22                       | 22    | 23                                |
| Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | AM                  | Cloud Cover<br>(Octa.) | 8             | 8                        | 8     | 8                                 |
| Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | PM                  |                        |               |                          |       |                                   |
| 95     | 96     | 92     | 95     | 100    | 93     | 100    | RH - I (%)          | 91                     | 90            | 91                       | 90    | 90                                |
| 95     | 89     | 75     | 76     | 93     | 90     | 82     | RH - II (%)         | 84                     | 76            | 76                       | 80    | 79                                |
| 1.5    | 1.8    | 1.0    | 2.4    | 2.8    | 0.5    | 1.1    | Wind Speed (km/hr.) | 10                     | 8             | 7                        | 6     | 7                                 |
| Calm   | Calm   | Calm   | Calm   | Calm   | Calm   | Calm   | AM                  | Wind Direction         | South<br>West | Southerly/<br>South West | South | South<br>Southerly/<br>South East |
| Calm   | Calm   | NNE    | ENE    | Calm   | Calm   | NNE    | 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                            | 741.5                                     | 738.3                                     | 499.9                      |

General Weather condition in forthcoming 5 days: Temperature is expected to remain stable in Sindhudurg district in the next five days, with heavy rains expected in most places between 20<sup>th</sup> to 24<sup>th</sup> June 2020 and heavy to very heavy showers in isolated places on 20<sup>th</sup> June 2020. The weather is likely to be humid and completely cloudy as well as wind speed will be increase. This forecast has been made by the Regional Meteorological Center, Mumbai.

Weather Prediction Based Agro-Advice

| Name of Crop           | Growth Stage                         | Advisory  |
|------------------------|--------------------------------------|---|
| Paddy,                 | Nursery management and Transplanting | Hheavy rains is forecasted in most places of Sindhudurg district in the coming week, farmers should be dug deep furrow on all four sides of the nursery provide good drainage in places where paddy crop was already sown and seedlings have emerged. Heavy showers are expected in most places between 20 <sup>th</sup> to 24 <sup>th</sup> June 2020 and heavy to very heavy showers in isolated places on 20 <sup>th</sup> June 2020. However, due to very heavy rains on the first day among the next five days, transplanting of paddy should be undertaken in areas where sowing was done before the rains and seedlings have been transplantable under the present conditions. |
| Finger Millet          | Nursery management and Transplanting | Heavy rains is forecasted in most places of Sindhudurg district in the coming week, farmers should be dug deep furrow on all four sides of the nursery in places where finger millet crop was already sown and seedlings have emerged. Heavy showers are expected in most places between 20 <sup>th</sup> to 24 <sup>th</sup> June 2020 and heavy to very heavy showers in isolated places on 20 <sup>th</sup> June 2020. However, due to very heavy rains on the first day among the next five days, transplanting of paddy should be undertaken in areas where sowing was done before the rains and seedlings have been transplantable under the present conditions.                |
| Groundnut              | Sowing                               | Use 100 to 125 kg of seed/per ha for sowing. Use varieties like Konkan Gaurav and Trombay Konkan (Tapora) as well as high yielding varieties like TG-26, TAG-24 and TPG-41 recommended by Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli for Konkan region. Seed treatment with Thiram @ 3 gm/kg of seed to prevent Wilt disease of groundnut due to continuous rain and moisture. In the next five days, due to heavy rains in Sindhudarg district on the first day, sowing of <i>khari</i> groundnut should be completed at the place where is left behind.  |
| Mango                  | New Plantation                       | Since the humidity will increase in the next five days in the district. Protect the new flushing in mango from the incidence of anthracnose and powdery mildew diseases may found on mango. To control spray Thiophenate methyl and Carbendazim 1% @ 1 gm per 1 liter of water after rains stop is advocated. The wind speed will increase in the next five days and newly planted grafts may fall. If necessary, support the grafts with a stick and earthing should be done. Drain the excess water from the mango orchard  |
| Cashew nut             | New Plantation                       | The wind speed will increase in the next five days and newly planted grafts may fall. If necessary, support the grafts with a stick and earthing should be done. If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and soak the stem in to the paste of fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated. Cut the dead wood and diseased branches of cashew and apply 1% Bordeaux paste to the cut surface.   |
| Coconut and Arecanut   | New Plantation                       | The wind speed will increase in the next five days and newly planted seedlings may fall. If necessary, support the grafts with a stick and earthing should be done. Drain the excess water from the coconut and arecanut orchard  |
| Vegetables             | Sowing and Transplanting             | Proper support should be given to gourd crops. Provide proper drainage to the Bhendi, Gawar etc. crops. Transplanting of chili and brinjal in well-drained soil is advocated. It is advocated to apply manures and fertilizers to vegetables as per recommended by the University. Protect the vegetables crops from pests like leaf eating caterpillars, aphids etc. by spraying proper insecticides.  |
| Dairy Animals and Goat |                                      | Land preparation for planting of perennial forage crops like Paragrass, Napier, Yashwant etc is advocated. Cows, buffaloes and goats should be vaccinated against tetanus under the guidance of a veterinarian. A good diet should be followed to build a good immune system after vaccination.   |

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Dr. P. C. Haldavanekar  
Associate Dean and Nodal Officer  
Agro-Meteorological Field Unit (AMFU),  
Gramin Krishi Mousam Sewa,  
College of Horticulture, Mulde  
Tal. Kudal Dist. Sindhudurg  
(02362-244231, 244272)

Dr. Y. C. Muthal  
Technical Officer  
Agro-Meteorological Field Unit (AMFU),  
Gramin Krishi Mousam Sewa,  
College of Horticulture, Mulde  
(02362-244231)