



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District – Sindhudurg.
(Period 28th October to 01st November, 2020)



| Issue 85/2020 | | | | | | | Date 27.10.2020 | | Duration 5 Days | | | | |
|---|--------|--------|---|--------|--------|---|---------------------|------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|
| Actual weather parameters recorded during last week (Dated 20 th to 26 th October, 2020) | | | | | | | Weather Parameters | | Forecasted weather parameters for forthcoming 5 day's (Valid for 28 th October to 1 st November, 2020) | | | | |
| 20/10 | 21/10 | 22/10 | 23/10 | 24/10 | 25/10 | 26/10 | Date | | 28/10 | 29/10 | 30/10 | 31/10 | 01/11 |
| 0.0 | 51.4 | 47.6 | 0.0 | 0.0 | 4.8 | 3.6 | Rainfall (mm) | | 7 | 0 | 0 | 0 | 11 |
| 32.0 | 32.0 | 31.0 | 33.0 | 33.0 | 33.0 | 33.5 | Temp. maximum (°C) | | 34 | 34 | 35 | 36 | 36 |
| 24.0 | 24.0 | 22.0 | 24.0 | 24.0 | 23.0 | 23.0 | Temp. minimum (°C) | | 24 | 25 | 25 | 25 | 25 |
| Cloudy | Cloudy | Cloudy | Clear | Clear | Cloudy | Cloudy | AM | Cloud Cover (Octa.) | 2 | 3 | 4 | 2 | 1 |
| Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | PM | | | | | | |
| 98 | 98 | 98 | 98 | 95 | 96 | 93 | RH - I (%) | | 84 | 78 | 71 | 74 | 83 |
| 93 | 78 | 78 | 72 | 65 | 73 | 73 | RH - II (%) | | 59 | 51 | 42 | 43 | 54 |
| 0.2 | 0.1 | 0.4 | 0.3 | 0.4 | 0.4 | 0.5 | Wind Speed (km/hr.) | | 006 | 007 | 006 | 007 | 005 |
| Calm | Calm | Calm | Calm | Calm | Calm | Calm | AM | Wind Direction | Easterly/ North East | Easterly/ North East | Easterly/ North East | Easterly/ North East | Easterly/ North East |
| WNW | WNW | WSW | WSW | WSW | WSW | ENE | 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 | | | 4831.4 | | | 4828.2 | | | 126.6 | | | | |

General Weather conditions in forthcoming 5 days:
In Sindhudurg district during the next five days from 28th October to 01st November, 2020 there is a possibility of light rain in isolated places on 28th October, monsoon remain dry from 29th to 31st October as well as light rain is expected in isolated places on 01st November. At the same time, the weather is likely to remain humid and partly cloudy with a slight rise in temperature. This forecast has been made by the Regional Meteorological Center, Mumbai.

Warning:
In Sindhudurg district, there is a possibility of thunderstorm accompanied with lightning on 28th October, 2020. Such a warning has been issued by the Regional Meteorological Center, Mumbai.

Extended Range Rainfall Forecast (ERRF)
According to the forecast for extended range rainfall, light rainfall is expected in the Konkan region from October 27 to November 2 and very light rainfall from November 3 to November 9. Also, the rains are likely to remain dry for the next two weeks from November 09.

General Advisory
During Rabi season, brinjal, chilli, cabbage, navaikol etc. Preparation of nursery should be started for planting vegetables. Seedlings of vegetable should be prepared on broad bed furrow. The quality seeds required for this should be obtained on time.

SMS Advisory
In Sindhudurg district, there is a possibility of thunderstorm accompanied with lightning on 28th October, 2020.

Weather Forecast Based Agro-Advice

| Name of Crop | Growth Stage | Advisory |
|---------------|---|--|
| Paddy | Early varieties:- Harvesting | There was light to moderate rain last week and light rain is expected in the next five days. At the same time, considering the possibility of dry monsoon in the next 3 days, the harvest of paddy crops should be completed. If paddy crop are ready to be harvested, arrangements should be made to remove water from the field 8 to 10 days before harvest. No pesticide / fungicide spray or dusting should be done on paddy 8 days before harvesting. The paddy should be cut near the ground from morning to noon at the place where the paddy is ready for harvesting. |
| | Mid late & late varieties :- Grain filling | The harvested paddy crop should be followed by threshing and keeping the grains in a dry and safe place for drying. Vaibhav sickle developed by the university should be used for paddy harvesting so that the paddy is cut near the ground. Arrangements should be made to keep the paddy crop straw in a safe place after threshing. So that the straw will not get wet in the rain and good fodder will be available to the animals. |
| Finger Millet | Harvesting | There was light to moderate rain last week and light rain is expected in the next five days. At the same time, considering the possibility of dry monsoon in the next 3 days, the harvest of finger millet crops should be completed. The finger millet crop is ready for harvesting, the finger of finger millet crop should be cut from morning to noon with the help of sickle. The harvested finger millet crop should be followed by threshing and keeping the grains in a dry and safe place. |
| Groundnut | Peg formation | In some places the groundnut crop is in the stage of maturity. The veins on the groundnut are usually visible during harvesting. When the pod is pressed, it becomes firm, the shell becomes black inside. It also changes the color of the seeds. Once at least 80% of the pods become mature on vine, start harvesting the groundnuts and wash and dry the pods thoroughly. |
| Mango | New flush | Outbreaks appear to be exacerbated during last week's heavy downpours in areas where new flush of mango have been torn off in such places the incidence of anthracnose may observed. If incidence is noticed spraying with Propineb @ 20 gm. or Thiophenate methyl @ 10 gm. or Carbendazim @ 10 gm. per 10 liter of water as per need is advocated. Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer. If incidence is noticed, spraying with Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated. Considering the possibility of light to moderate rains in the next 5 days, if water remains in the mango orchard, additional water |

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| | | <p>should be drained out.</p> <p>Keep the paclobutrazol applied trees free from weeds by weeding or applying weedicide Gramoxone. Sanitation of Mango orchard is advocated.</p> <p>Due to the sudden and intermittent rain, rise in temperature and cloudy weather the incidence of pest may occur on the new flush on mango so protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated.</p> <p>For control of anthracnose on new flush of mango, application of Propineb @ 20 gm. or Thiophenate methyl @ 10 gm. or Carbendazim @ 10 gm. per 10 liter of water as per need is advocated.</p> <p>At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p> |
| Cashew nut | - | <p>On a fully grown cashew tree 5 years of age and above The first spray of Ethrel PGR should be done after flushing @ 10 PPM.</p> <p>Due to cloudy weather and intermittent rainfall, the incidence of anthracnose may be found on cashew. If incidence is found spraying with 1% Bordo mixture or Carbendanzim 12% + Mancozeb 63% @ 10gm/10ltr. of water is adccated.</p> <p>Due to the sudden and intermittent rain, rise in temperature and cloudy weather Cashew orchards are getting new leaves flush in the district Cashew growers should be vigilant to prevent the infestation of Tea mosquito bug, In case of infestation, monocrotophos 36% EC @ 15 ml or lambda cyhalothrin 5% @ 6 ml. Spray in 10 liters of water.</p> <p>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.</p> <p>At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p> |
| 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. |
| Arecanut | Fruit Development | Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested. |
| Water melon | Sowing | Sowing of watermelon variety 'Sugar baby' on two side of ridges with a spacing of 4 x 1 m is suggested. Before sowing seed treatment with Thiram @ 3 gms/kg of seed. |
| Milch Animal | - | As light rain is expected in isolated places with thunderstorms accompanied with lightning on 28 th October, 2020, farmers should be careful while working in the fields to avoid lightning. Also, to protect the dairy animals released from grazing from lightning, the dairy animals should be kept in a safer place. |
| <p>Note - As there is a possibility of light rain in isolated to scattered places for next 5 days, spraying of pesticides and fungicides should be done in the absence of rainfall. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p> | | |
| <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).</p> | | |
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