

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 25th April to 29th April, 2020)



Issue 32/2020

Date 24.04.2020

Duration 5 Days

Actual weather parameters recorded during last week
 (Dated 17th April to 23rd April, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
 (Valid for 25th April to 29th April, 2020)

| 17/04 | 18/04 | 19/04 | 20/04 | 21/04 | 22/04 | 23/04 | Date | 25/04 | 26/04 | 27/04 | 28/04 | 29/04 | |
|--------|--------|-------|-------|--------|--------|-------|---------------------|------------------------|--------------------------|---------------|--------------------------|---------------|---------------------------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 | |
| 37.0 | 37.0 | 37.0 | 38.0 | 38.0 | 37.0 | 37.0 | Temp. Maximum (°C) | 37 | 37 | 37 | 37 | 38 | |
| 23.0 | 25.0 | 25.0 | 26.0 | 27.0 | 25.0 | 23.5 | Temp. Minimum (°C) | 25 | 25 | 26 | 26 | 26 | |
| Cloudy | Clear | Clear | Clear | Cloudy | Cloudy | Clear | AM | Cloud Cover (Octa.) | 1 | 0 | 0 | 0 | |
| Cloudy | Cloudy | Clear | Clear | Cloudy | Clear | Clear | PM | | | | | | |
| 84 | 85 | 84 | 85 | 92 | 92 | 92 | RH - I (%) | 94 | 88 | 80 | 74 | 78 | |
| 47 | 47 | 41 | 46 | 57 | 54 | 53 | RH - II (%) | 37 | 35 | 24 | 23 | 23 | |
| 2.6 | 2.2 | 2.0 | 2.0 | 2.6 | 2.3 | 2.1 | Wind Speed (km/hr.) | 4 | 6 | 7 | 7 | 6 | |
| Calm | N | Calm | Calm | Calm | Calm | Calm | AM | Wind Direction | Easterly / South East | South East | Easterly / South East | South East | Southerly / South East |
| NNE | N | N | NNE | NNE | N | N | 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: Maximum temperature will be highly increase and relative Humidity will be decreased in the Sindhudurg District in upcoming five days. And weather remain dry and mainly clear. RMC, Mumbai.

Weather Prediction Based Agro-Advice

| Name of Crop | Growth Stage | Advisory |
|---|---------------------------------|---|
| Farm planning in emergencies against the infectious Corona pandemic | | Government of Maharashtra, Department of Agriculture, Agriculture and Technology Management Agency (ATMA), Devgad, Sindhudurg, informs the mango growers, farmer groups and farmer producer companies in Devgad taluka that direct sales from farmers to consumers through Department of Agriculture and Agriculture Technology Management Agency, ATMA Devgad, Sindhudurg. The matter is being planned. Discussions are underway with the agriculture department, farmer groups and farmers' producer companies in other districts regarding the sale of mangoes. However, mango growers, farmer groups and farmer production companies who want to sell mangoes in other districts should contact the Department of Agriculture. Also essential items from other districts e.g. Vegetables like bananas, onions and other fruits are expected to be exchanged. However, interested farmers, farmer groups and farmer production companies should contact for the sale and purchase. For further information please contact Shri Niketan Rane Taluka Technology Manager (ATMA) Devgad, Taluka Agriculture Officer Office Devgad. Contact No. 9404395984 8623895984 |
| Mango | Fruit Development to Harvesting | The Mango fruits are egg size stage and in mature size stage in some parts in the district. Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85 % maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Do not apply any insecticides/fungicides 8 days before harvesting of mango fruits. Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed. Due to increase in temperature 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. |
| Cashewnut | Harvesting | In many places the nuts are ready for harvesting. Harvest the mature nuts and dry them in sun and store them. 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 Chloropyriphos 20% EC @ 10 ml. per 10 liter of water or fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated. |
| Coconut | Fruiting | Due to forecast of increase wind speed in forthcoming week, give support to the newly planted coconut seedlings with the help of stick and create shade by using shadenet. |
| Rice (Rabi) | Grain Filling to Maturity | Some varieties of rice are in grain formation stage. Irrigation should be given at 4-5 days interval. Some varieties of rice are in harvesting stage. Removal of water from the field at least 8-10 days before harvesting. At the time of harvesting grains should be 90 % mature. Harvesting of matured rice with the help of Vaibhav sickle developed by the University. |
| Groundnut | Pod Development to Harvesting | Due to increasing in temperature and rate of evaporation, irrigate the Groundnut crop at an interval of 10-12 days after sowing. As per harvesting index of Groundnut crop i.e. yellowing of leaves, colour of outer pod and colour of seed, harvesting should be done. If required give light irrigation before harvesting. Dry the harvested pods in sunshine for 3 to 4 days. |
| Sunflower | Harvesting | Sunflower is at maturity and harvesting stage in few places of the district. So harvest the crop and dry in to sunrise and thresh the crop with the help of wooden stick or machine and store the grains in shade. |

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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