



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Duration – 5 days

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| Significant past weather for the preceding week (Period –24/04/2019 to 30/04/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 05/05/2019 | | | | |
|---|-------|-------|-------|-------|-------|-------|--|---|-------|-------|-------|-------|
| 24/04 | 25/04 | 26/04 | 27/04 | 28/04 | 29/04 | 30/04 | | 01/05 | 02/05 | 03/05 | 04/05 | 05/05 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 36.6 | 33.8 | 34.0 | 34.1 | 33.5 | 37.0 | 34.2 | Maximum temperature (°C) | 33 | 34 | 32 | 34 | 34 |
| 21.8 | 22.4 | 22.5 | 25.0 | 25.6 | 25.5 | 23.5 | Minimum temperature (°C) | 25 | 26 | 25 | 26 | 26 |
| 0 | 0 | 0 | 6 | 2 | 4 | 2 | Cloud cover (Octa) | 6 | 8 | 8 | 8 | 5 |
| 84 | 70 | 85 | 92 | 85 | 89 | 90 | Relative Humidity Max. (%) | 89 | 88 | 89 | 89 | 89 |
| 66 | 70 | 67 | 61 | 56 | 74 | - | Relative Humidity Min. (%) | 38 | 37 | 33 | 38 | 48 |
| 6.6 | 4.0 | 9.1 | 4.8 | 5.1 | 5.5 | 4.9 | Wind speed (Km/hr) | 3 | 4 | 4 | 5 | 4 |
| Calm | Calm | Calm | Calm | Calm | Calm | Calm | Wind direction | 149 | 222 | 148 | 195 | 163 |
| Rainfall (mm) in last week | | | | | | | Rainfall (mm) from 01/01/2019 to till dated | Total Rainfall (mm) in last year | | | | |
| 0.0 | | | | | | | 0.0 | 3071.8 | | | | |

Agro-met Advisory

Sky will be cloudy from 1st to 5th May, 2019.

According to NDVI, Agriculture vigour is moderate and according to SPI, mildly dry condition experienced in Ratnagiri district.

| Crop | Stage | Agro Advise |
|--------------------------------------|-------------------------------|---|
| Groundnut | Maturity | <ul style="list-style-type: none"> Harvest the matured groundnut crop by uprooting the plant when there is enough moisture in the soil. Strip off the pods from the plant and dry in the sun for 4 to 5 days. |
| Mango | Fruiting (Egg to maturity) | <ul style="list-style-type: none"> Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Nutan mango harvester at 80 to 85% maturity immediately which will help to reduce spongy tissue. Keep the harvested fruits in shade to prevent from heat and spongy tissue. To prevent incidence of post harvest diseases on fruits, place the fruits in hot water of 52°C for 10 minutes and then keep for ripening. Use C.F.B. (corrugated fiber box) for packing developed by B. S. Konkan Krishi Vidyapeeth, Dapoli. Transport of harvested fruits should be done preferably during night hours. Do not spray any insecticides/fungicides 8 days before harvesting of mango fruits. Due to forecast of cloudy weather, there is possibility of incidence of anthracnose disease and fruit fly incidence on mango. For control of anthracnose spray Carbendazim 12% + Mancozeb 63% @ 10 g per 10 liter of water. For control of fruit fly incidence, install 'Rakshak fruit fly trap' developed by University @ 4 traps per hectare. Collect and destroy fallen fruits and keep orchard clean. To protect the mango tree from increasing temperature, apply bordopaste to the base of stem. |
| Cashewnut | - | <ul style="list-style-type: none"> To protect the cashewnut tree from increasing temperature, apply bordopaste to the base of stem. |
| Coconut | - | <ul style="list-style-type: none"> To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36% Monocrotophos with the help of plastic funnel in the hole and close the hole with the help of cement. |
| Vegetables/ Fruit crop nursery | - | <ul style="list-style-type: none"> There is possibility of incidence of shoot and fruit borer on okra, if incidence is noticed spray cypermethrin 25%EC @ 3ml or Lambda cyhalothrin 5%EC @ 6ml per 10 liter of water. Due to increase in rate of evaporation, provide irrigation regularly to fruit crop nursery, new planted fruit crops and vegetable crops. |
| Milch animal /goat/poultry | - | <ul style="list-style-type: none"> Provide clean, hygienic and plenty amount of drinking water to farm animals and poultry birds. To reduce the stress of heat in farm animals, provide roughages by mixing with solution of 1% gaggery and 0.5% salt separately. To protect animals and poultry birds from heat by covering roof of the shed with insulating materials such as paddy straw, dry coconut leaves and make arrangement for sprinkle cold water on the roof of shed during afternoon time. Use wet gunny bags as side curtains to protect animals and poultry birds from direct hot winds. To protect animals from heat, sprinkle cold water on animals during the afternoon, it will help to maintain the body temperature. Avoid grazing of farm animals during afternoon hours. In poultry shed, increase the water pot and provide adequate and clean water for drinking. Also, feed should be given in the morning or evening hours. |

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of "Gramin Krishi Mausam Sewa (GKMS)" Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.

For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.