



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



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Duration – 5 days

Dr. Subhash Chavan,
Head,
Department of Agronomy
9422431067

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

| Significant past weather for the preceding week (Period –09/02/2019 to 15/02/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 20/02/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|----------------------------------|-------|-------|-------|
| 09/02 | 10/02 | 11/02 | 12/02 | 13/02 | 14/02 | 15/02 | | 16/02 | 17/02 | 18/02 | 19/02 | 20/02 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 26.4 | 29.4 | 32.2 | 33.4 | 34.0 | 34.2 | 32.0 | Maximum temperature (°C) | 32 | 32 | 32 | 32 | 33 |
| 4.5 | 8.0 | 11.0 | 15.0 | 16.5 | 15.5 | 13.0 | Minimum temperature (°C) | 19 | 18 | 18 | 18 | 20 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | Cloud cover (Octa) | 1 | 0 | 1 | 1 | 0 |
| 91 | 89 | 88 | 90 | 88 | 87 | 91 | Relative Humidity Max. (%) | 66 | 59 | 62 | 63 | 60 |
| 61 | 62 | 62 | - | 51 | 60 | 65 | Relative Humidity Min. (%) | 52 | 43 | 42 | 42 | 40 |
| 6.4 | 5.2 | 1.4 | 2.8 | 4.0 | 4.1 | 3.5 | Wind speed (Km/hr) | 18 | 9 | 4 | 7 | 5 |
| calm | calm | calm | calm | calm | calm | calm | Wind direction | 328 | 157 | 191 | 24 | 112 |
| 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

There will be normal weather condition from 16th to 20th February, 2019.

| Crop | Stage | Agro Advise |
|--------------------------------------|------------------------|---|
| Lablab bean | Harvesting | <ul style="list-style-type: none"> Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain in proper manner. |
| Mango | Flowering and Fruiting | <ul style="list-style-type: none"> There is possibility for incidence of hoppers and anthracnose disease on mango tree. Therefore it is advise to spray Thiomethoxam 25%WG @ 1gm for control the incidence of mango hoppers + Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm for control of powdery mildew + Carbendazim 12% +Mancozeb 63% @ 10 gm for control of anthracnose disease per 10 liter of water. Due to forecast for increase in maximum temperature, there is possibility for pre-mature fruit drops of mango, therefore it is advise to spray 2% urea (200 gm per 10 liter of water) by mixing into insecticide solution of 4th to 6th spray blossom protection schedule of mango or spray 1% potassium nitrate three time when fruits are at pea marble and egg stage. Care should be taken to add completely dissolved solution of urea in insecticide. Apply 150 to 200 liter of water per tree after fruit setting in mango at an 15 days interval for 3 to 4 times to avoid the pre-mature fruit drop. The pre harvest bagging with News paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls incidence of mealy bag on fruits and produces spotless fruits of mango. |
| Cashewnut | Fruiting | <ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bug and thrips during fruit bearing stage of cashewnut, if incidence is noticed spray Lambda cyhalothrin 5%EC @6 ml per 10 liter of water. (insecticide is not under label claim) Provide irrigation to newly planted cashewnut orchard and use straw mulch to reduce evaporation. |
| Coconut | - | <ul style="list-style-type: none"> For above five year old coconut palm apply 3rd dose of 750 gm urea and 667 gm muriate of potash in circular basin of 1.5 to 1.8 meter from the base of palm, incorporate in soil and irrigate. |
| Spice crop | Harvesting | <ul style="list-style-type: none"> Carry out harvesting of black paper by picking the whole spikes by hand, when few berries in the spike start turning yellow or red. The berries are separated and dipped in hot water (80°C) for one minute and sun dried for 3 to 4 days. |
| Vegetables/ Fruit crop nursery | Fruiting | <ul style="list-style-type: none"> Carryout harvesting of the vegetable those are in proper stage of harvesting. Provide irrigation to fruit crop nursery, vegetable crops. |
| Milch animal /goat/poultry | - | <ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. Due to increase in maximum temperature, protect poultry birds from heat. |

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.

