



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by GKMS, 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<br>(Period –11/12/2019 to 17/12/2019) |       |       |       |       |       |       | Weather Parameters                             | Weather forecast until 08.30 hrs of<br>22/12/2019 |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|--|---|-------|-------|-------|-------|
| 11/12   | 12/12 | 13/12 | 14/12 | 15/12 | 16/12 | 17/12 |  | 18/12   | 19/12 | 20/12 | 21/12 | 22/12 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | Rainfall (mm)                                  | 0   | 0     | 0     | 0     | 0     |
| 32.8  | 31.8  | 31.5  | 30.0  | 31.5  | 31.6  | 32.0  | Maximum temperature (°C)                       | 33  | 33    | 33    | 34    | 34    |
| 18.5  | 18.0  | 17.0  | 15.5  | 16.0  | 17.0  | 15.5  | Minimum temperature (°C)                       | 20  | 20    | 21    | 21    | 21    |
| 2   | 2     | 0     | 0     | 0     | 0     | 0     | Cloud cover (Octa)                             | 6   | 2     | 3     | 6     | 7     |
| 94  | 92    | 92    | 90    | 90    | 92    | 92    | Relative Humidity Max. (%)                     | 68  | 67    | 65    | 67    | 74    |
| 59  | 62    | 52    | 59    | 64    | 54    | -     | Relative Humidity Min. (%)                     | 39  | 39    | 39    | 39    | 38    |
| 1.9   | 2.1   | 2.2   | 2.9   | 2.5   | 2.0   | 2.3   | Wind speed (Km/hr)                             | 8   | 7     | 7     | 7     | 5     |
| Calm  | Calm  | Calm  | Calm  | Calm  | Calm  | Calm  | Wind direction                                 | NE  | E     | E     | E     | E     |
| Rainfall (mm) in last week  |       |       |       |       |       |       | Rainfall (mm) from 01/01/2019<br>to till dated | Total Rainfall (mm) in last<br>year               |       |       |       |       |
| 0.0   |       |       |       |       |       |       | 5130.9   | 3071.8  |       |       |       |       |

**Agro-met Advisory**

Sky will be partly cloudy from 18<sup>th</sup> to 22<sup>nd</sup> December 2019.

Extended range rainfall forecast for Konkan division for the period from 13<sup>th</sup> to 19<sup>th</sup> December, 2019 is below normal. According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Ratnagiri district.

| Crop                            | Stage      | Agro Advise  |
|---------------------------------|------------|--|
| Lablab bean                     | Vegetative | • If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 liter of water.  |
| Horse gram                      | Vegetative | • If incidence of leaf folder is noticed on horse gram, spray Dimethoate 30%EC@20 ml or Profenophos 50%EC @ 20 ml per 10 liter of water.   |
| Groundnut                       | Vegetative | • Provide irrigation to groundnut crop at 10-12 days interval.   |
| Mango                           | Vegetative | • There is possibility of incidence of hoppers and anthracnose disease on vegetative flush of mango. For protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.   |
| Cashewnut                       | Flowering  | • There is possibility of incidence of tea mosquito bugs on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @ 10 ml per 10 liter of water.   |
| Coconut                         | -          | • There is possibility of incidence of black headed caterpillar in coconut orchard in coastal areas. The caterpillar feeds on leaves results into dried up patches on leaf. For control of black headed cater pillar, collect and destroy all infected leaves and spray dimethoate 30%EC @ 16 ml per 10 liter of water or release larval parasitoids <i>Goniozus nephantidis</i> adult @ 3500 nos per hectare. |
| Tomato                          | Vegetative | • Provide support to tomato crop.<br>• Apply second split dose of 43kg urea per acre to tomato crop at one month after transplanting.  |
| Brinjal                         | Vegetative | • Apply second split dose of 43kg urea per acre to brinjal crop at one month after transplanting.  |
| Milch Animals/<br>Goat /Poultry | --         | • Provide clean and hygienic drinking water to farm animals.<br>• Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.  |

**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.**