



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

Dr. Subhash Chavan,
Head,
Department of Agronomy
9422431067

Dr. D.N. Jagtap,
Nodal Officer,
Department of Agronomy
9403988143

Prof. Viresh Chavan,
Technical Officer,
Department of Agronomy
9422065344

Significant past weather for the preceding week
(Period –09/10/2017 to 13/10/2017)

| | |
|---------------------------------|-----------|
| Rainfall (mm): | 59.0 |
| Total Rainfall (mm): | 3598.9 |
| Total Rainfall (mm) (last year) | 4504.1 |
| Maximum temperature (°C) | 28.4-31.0 |
| Minimum temperature (°C) | 23.0-23.8 |
| Morning RH (%) | 95-98 |
| Afternoon RH (%) | 68-92 |
| Wind Speed (km/hr): | 0.9-2.3 |
| Total cloud cover (Octa) | 2-6 |

Weather forecast until 08.30 hrs of 18/10/2017

| PARAMETERS | Day-1 | Day-2 | Day-3 | Day - 4 | Day - 5 |
|----------------------------|-------|-------|-------|---------|---------|
| | 14/10 | 15/10 | 16/10 | 17/10 | 18/10 |
| Rainfall (mm) | 3 | 4 | 2 | 0 | 0 |
| Maximum temperature (°C) | 33 | 33 | 34 | 34 | 34 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Total cloud cover (Octa) | 8 | 8 | 8 | 7 | 5 |
| Relative Humidity Max. (%) | 89 | 89 | 89 | 87 | 84 |
| Relative Humidity Min. (%) | 75 | 79 | 75 | 65 | 62 |
| Wind Speed (Km/hr) | 008 | 007 | 011 | 008 | 012 |
| Wind Direction | 176 | 278 | 143 | 65 | 277 |

: Agro-met Advisory:

It is possibility rainfall of 14th to 16th October, 2017. Sky will be cloudy from 14th to 18th October, 2017. Wind velocity range from 7 to 12 km/hr from 14th to 18th October, 2017.

| Crop | Crop Stage | Agromet Advisory |
|-----------------------------|--|--|
| Rice | Maturity as well as grain filling stage | <ul style="list-style-type: none"> There was forecasted rainfall for next 3 days in isolated area hence postpone harvesting of early rice mature varieties <u>or</u> the mature rice panicle should be harvest and immediately thresh it in a close shed/threshing yard for drying. Harvesting of rice crop in morning hours and fallowed immediate threshing of rice, the threshed grains should be dry in sun for 3 to 4 days. |
| Mango and Cashew | ---- | <ul style="list-style-type: none"> Weeding should be followed in Mango and Cashew garden with the help of sickle/grass cutting machine or spray Glyphosate weedicide @ 3-4 ml per lit water for effective control of weeds. <p>Note : To avoid grazing of animal on weedicide spray in mango and cashew garden.</p> |
| Coconut, Arecanut | -- | <ul style="list-style-type: none"> Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle. To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. 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 or 20% Chlorphyriphos with the help of plastic funnel in the hole and close the hole with the help of cement. |
| Vegetable crop | Fruiting stage | <ul style="list-style-type: none"> Install methyl ugenol “Rakshak” tarp @ 4 nos. per ha in cucurbitaceous vegetable crops, for effective control of fruit fly. |
| Goats/ Milch animals | -- | <ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Protect the poultry birds from low temperature by providing electric bulbs as per the need. |
| Suggestion | -- | <ul style="list-style-type: none"> Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions. |