



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkani 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 –08/06/2019 to 14/06/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 19/06/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 08/06 | 09/06 | 10/06 | 11/06 | 12/06 | 13/06 | 14/06 | | 15/06 | 16/06 | 17/06 | 18/06 | 19/06 |
| 0.6 | 0.0 | 9.4 | 0.0 | 13.6 | 57.0 | 3.6 | Rainfall (mm) | 23 | 27 | 39 | 36 | 41 |
| 35.2 | 35.4 | 34.6 | 34.4 | 35.4 | 31.0 | 31.5 | Maximum temperature (°C) | 32 | 32 | 32 | 33 | 33 |
| 27.0 | 27.0 | 24.0 | 26.0 | 24.5 | 22.4 | 26.0 | Minimum temperature (°C) | 25 | 25 | 24 | 25 | 25 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | Cloud cover (Octa) | 6 | 5 | 6 | 6 | 6 |
| 92 | 91 | 90 | 92 | 98 | 89 | 95 | Relative Humidity Max. (%) | 88 | 89 | 89 | 90 | 88 |
| 47 | 67 | 73 | 67 | 97 | 81 | - | Relative Humidity Min. (%) | 69 | 67 | 62 | 76 | 70 |
| 6.6 | 6.4 | 5.2 | 7.1 | 13.1 | 10.4 | 12.2 | Wind speed (Km/hr) | 13 | 13 | 12 | 9 | 11 |
| SW | SW | SW | SW | SW | N | SW | Wind direction | 185 | 185 | 191 | 193 | 200 |
| Rainfall (mm) in last week | | | | | | Rainfall (mm) from 01/01/2019 to till dated | | Total Rainfall (mm) in last year | | | | |
| 84.2 | | | | | | 84.2 | | 3071.8 | | | | |

Agro-met Advisory

There is possibility of moderate rainfall from 15th to 19th June, 2019. Also sky will be cloudy and wind velocity ranges from 9 to 13 Km/h.

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

Extended range rainfall forecast for Konkan division for the period of 14th to 20th June, 2019 is below normal.

| Crop | Stage | Agro Advise |
|-------------------------------------|----------------------------|---|
| Kharif rice | Nursery preparation | <ul style="list-style-type: none"> During next five days there is forecast of medium rainfall, hence it is advice to complete sowing of rice nursery. Recommended seed rate for paddy is 50 to 60 kg ha⁻¹, for bold varieties 35 to 40 kg ha⁻¹, for fine varieties and 20 kg ha⁻¹ for hybrid varieties. Follow seed treatment with thiram fungicide @2.5 kg⁻¹ seed before sowing. Apply 1 kg urea and 3 kg SSP per guntha of nursery bed at the time of sowing. To reduce weed intensity, apply oxadiagyl 6% EC @ 3 ml. per liter of water uniformly on wet nursery beds by observing no rainfall period within 72 hrs of sowing. |
| Finger millet | Nursery preparation | <ul style="list-style-type: none"> During next five days there is forecast of medium rainfall, hence it is advice to complete sowing of finger millet nursery. Recommended seed rate for finger millet is 5 to 6 kg ha⁻¹. Follow seed treatment with thiram fungicide @2.5 kg⁻¹ seed before sowing. Apply 1 kg urea per guntha of nursery bed at the time of sowing. |
| Mango | Vegetative | <ul style="list-style-type: none"> After complete harvest of mango fruits from high density (5 X 5 m or 6 X 4 m) orchard, go for light pruning. It includes detopping, pruning of cross branches and removing of dead wood. The height of tree in high density orchard should be maintained at 80% of row distance. For above 10 year old mango tree apply 50 to 100 kg FYM, 1.5 kg nitrogen (3250 gm urea), 0.5 kg phosphorus (single super phosphate) and 1 kg potassium (2000 gm sulphate of potash in circular basin. Apply fertilizers when the intensity of rainfall is low. |
| Fruit crops | New plantation | <ul style="list-style-type: none"> There is forecast for rainfall, hence go for planting of new orchard. |
| Coconut | - | <ul style="list-style-type: none"> For above five year old coconut palm apply 30 kg F.Y.M. alongwith 750 gm urea, 3 kg single super phosphate and 667 gm muriate of potash in circular basin of 1.5 to 1.8 meter from the base of palm, incorporate in soil. Apply fertilizers when the intensity of rainfall is low. |
| Vegetable/fruit crop nursery | Sowing | <ul style="list-style-type: none"> Carryout sowing operation of cucurbitaceous crops with spacing of 1.5 m x 1 m, Apply 2 kg FYM or compost alongwith 50 to 60 g mix fertilizer (Suphala) per vine at the time of sowing. Carryout sowing operation of okra on ridges and furrow having spacing of 60 x 60 cm. Apply 15 tonne of FYM, 72 kg urea, 313 kg single super phosphate and 83 kg muriate of potash per hectare. |
| Milch animal /goat/poultry | - | <ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals and poultry birds also protect farm animals from rain water. Carryout planting of biennial and perennial forage crops for animal. The varieties of perennial crops (stumps) like paragrass, Hybrid napier (Jayawant CO- 3, Yashwant) |

| | | |
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| | | etc. <ul style="list-style-type: none">• Vaccination against Enterotoxin disease in farm animals under supervision of veterinary officers is advocated. |
| <p>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.</p> <p>For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p> | | |