



Agromet Advisory Service Bulletin for Raigad 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 –01/06/2019 to 07/06/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 12/06/2019 | | | | |
|---|-------|-------|-------|-------|-------|-------|--|---|-------|-------|-------|-------|
| 01/06 | 02/06 | 03/06 | 04/06 | 05/06 | 06/06 | 07/06 | | 08/06 | 09/06 | 10/06 | 11/06 | 12/06 |
| - | - | - | - | - | - | - | Rainfall (mm) | 0 | 0 | 0 | 6 | 5 |
| - | - | - | - | - | - | - | Maximum temperature (°C) | 36 | 35 | 36 | 36 | 36 |
| - | - | - | - | - | - | - | Minimum temperature (°C) | 28 | 28 | 27 | 27 | 28 |
| - | - | - | - | - | - | - | Cloud cover (Octa) | 6 | 6 | 7 | 6 | 7 |
| - | - | - | - | - | - | - | Relative Humidity Max.(%) | 87 | 89 | 87 | 83 | 72 |
| - | - | - | - | - | - | - | Relative Humidity Min. (%) | 49 | 53 | 52 | 50 | 47 |
| - | - | - | - | - | - | - | Wind speed (Km/hr) | 6 | 6 | 6 | 4 | 2 |
| - | - | - | - | - | - | - | Wind direction | 248 | 217 | 194 | 205 | 171 |
| Rainfall (mm) in last week | | | | | | | Rainfall (mm) from 01/01/2019 to till dated | Total Rainfall (mm) in last year | | | | |
| 0.0 | | | | | | | 0.0 | 3558.3 | | | | |

Agro-met Advisory

It is possibility rainfall of 11th and 12th June, 2019. Sky will be cloudy from 8th to 12th June, 2019.

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

| Crop | Stage | Agro Advise |
|-----------------------------------|----------------------------|--|
| Kharif rice | Nursery preparation | <ul style="list-style-type: none"> There is forecast for light rain on 11th and 12 June, it is advise to sow the rice nursery if irrigation facility is available. 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 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. |
| Finger millet | Nursery preparation | <ul style="list-style-type: none"> For raising of finger millet nursery, plough the nursery area and bring the soil to fine tilth, add FYM@250 kg per guntha area. Prepare raised bed of 120 cm. breadth at bottom and 90 cm. on top along the slope of land. Convenient length of raised bed should be kept according to the land slope. |
| 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 high density orchard should be maintained at 80% of row distance. |
| Coconut | - | <ul style="list-style-type: none"> During rainy season due to increase in humidity, there is possibility for fruit drop due to fungal disease in coconut palm. To prevent the incidence of fungal disease, spray 1% bordomixture on coconut palm before start of rainy season. Repeat the spray after one month. |
| Arecanut | - | <ul style="list-style-type: none"> During rainy season due to increase in humidity, there is possibility for incidence of 'koleroga' disease in arecanut orchard. To prevent the incidence of fungal disease, clean the arecanut plant by removing dry leaves and other material and spray 1 % bordomixture before start of rainy season. In addition to this for effective management of 'koleroga' disease, select feeding root of arecanut plant then take slant cut to the tip of the root. Prepare 0.3 % solution of Fosetyl – Al by mixing 3 gm. per liter. Fill the two plastics bags with 100 ml. above prepare solution and dip the above selected roots in to the plastics bag ensuring the cut portion will always remain in the solution. Tie the bag to the roots. Give 1st dose of this fungicide before start of monsoon. |
| 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% jaggery and 0.5% salt separately. There is forecast for increase in temperature, hence 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 |

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| | | during afternoon time. Use wet gunny bags as side curtains to protect animals and poultry birds from direct hot winds. |
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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.
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