



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 –02/03/2019 to 08/03/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 13/03/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 02/03 | 03/03 | 04/03 | 05/03 | 06/03 | 07/03 | 08/03 | | 09/03 | 10/03 | 11/03 | 12/03 | 13/03 |
| 0.0 | 0.0 | 0.0 | 0.0 | - | - | - | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 36.8 | 38.6 | 33.8 | 33.6 | - | - | - | Maximum temperature (°C) | 28 | 29 | 30 | 29 | 32 |
| 15.0 | 17.2 | 17.8 | 18.4 | - | - | - | Minimum temperature (°C) | 20 | 19 | 18 | 18 | 19 |
| 0 | 0 | 2 | 0 | - | - | - | Cloud cover (Octa) | 0 | 0 | 0 | 0 | 1 |
| 73 | 86 | 87 | 86 | - | - | - | Relative Humidity Max.(%) | 52 | 47 | 64 | 69 | 56 |
| 23 | 39 | 37 | - | - | - | - | Relative Humidity Min. (%) | 24 | 21 | 22 | 29 | 23 |
| 3.5 | 5.6 | 4.7 | 5.1 | - | - | - | Wind speed (Km/hr) | 6 | 6 | 6 | 6 | 6 |
| N | ESE | ENE | Calm | - | - | - | Wind direction | 76 | 114 | 172 | 134 | 149 |
| 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

There will be increase in maximum and minimum temperature from 09th to 13th March, 2019.

| Crop | Stage | Agro Advise |
|--------------------------------|-------------------------|--|
| Summer rice | Tillering | <ul style="list-style-type: none"> Maintain optimum water level of 5-10 cm in rice field. |
| Groundnut | Pegging | <ul style="list-style-type: none"> There is possibility for incidences of leaf miner in groundnut, if incidence is notice spray Quinalphos 25%EC @ 20 ml. or Lambda cyhaothrin 5%EC @ 6 ml per 10 liter of water. |
| Summer moong and Moth bean | Sowing | <ul style="list-style-type: none"> For sowing of summer moong and moth bean, use seed rate @ 15-20 kg /ha, spacing of 30 X 10 cm. before sowing treat the seed with fungicide captan @2.5 gm per kg of seed and then with rhizobium culture. Incorporate 25 kg Nitrogen and 50kg phosphorus fertilizers before of sowing of seed. |
| Mango | Flowering and Fruiting | <ul style="list-style-type: none"> Due to variation in temperature there is possibility of fruit drop of mango hence, provide irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval for 3 to 4 times to reduce fruit drop and increase the size of fruits. Also use straw mulch to reduce evaporation. For increasing the production and quality of fruits of mango, spray 1 % Potassium nitrate at pea stage, marble stage and arecanut size fruit stage. Provide irrigation to newly planted mango orchard and new growth below graft union should be removed regularly. |
| Cashewnut | Fruiting and harvesting | <ul style="list-style-type: none"> If nuts are ready for harvesting, harvest the mature nuts and dry in the sun for 7 to 8 days to bring down the moisture content. Prepare different processed product from cashew apple as per recommended by Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli. Provide irrigation to newly planted cashew orchard and new growth below graft union should be removed regularly. |
| Coconut | - | <ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to coconut orchard at 5 to 6 days interval. Provide support and shade to newly planted coconut orchard. |
| Arecanut | - | <ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to arecanut orchard at 4 to 5 days interval. |
| Onion | Vegetative | <ul style="list-style-type: none"> If the incidence of thrips is noticed on onion crops, spray Dimethoate 30 % EC@13 ml per 10 liter of water. For control of weeds in onion crop, do weeding operation at 8 -10 days interval also provide irrigation as per requirement. |
| Vegetables/ Fruit crop nursery | Fruiting | <ul style="list-style-type: none"> If the incidence of aphids, leaf hoppers, leaf eating caterpillars, leaf miner is noticed on tomato, brinjal, chilli etc. vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval. 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. The temperatures during day are increasing hence 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.