



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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No. 75/2019

Date: 17/09/2019

Duration – 5 days

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| Significant past weather for the preceding week (Period –11/09/2019 to 17/09/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 22/09/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 11/09 | 12/09 | 13/09 | 14/09 | 15/09 | 16/09 | 17/09 | | 18/09 | 19/09 | 20/09 | 21/09 | 22/09 |
| 28.5 | 21.2 | 106.4 | 84.8 | 51.4 | 16.2 | 58.4 | Rainfall (mm) | 9 | 17 | 74 | 27 | 43 |
| - | - | - | - | - | - | - | Maximum temperature (°C) | 31 | 32 | 30 | 30 | 30 |
| - | - | - | - | - | - | - | Minimum temperature (°C) | 27 | 26 | 26 | 26 | 26 |
| - | - | - | - | - | - | - | Cloud cover (Octa) | 6 | 7 | 8 | 8 | 7 |
| - | - | - | - | - | - | - | Relative Humidity Max. (%) | 97 | 96 | 97 | 97 | 97 |
| - | - | - | - | - | - | - | Relative Humidity Min. (%) | 74 | 70 | 72 | 79 | 73 |
| - | - | - | - | - | - | - | Wind speed (Km/hr) | 3 | 4 | 4 | 3 | 3 |
| - | - | - | - | - | - | - | Wind direction | 153 | 152 | 158 | 169 | 236 |
| Rainfall (mm) in last week | | | | | | Rainfall (mm) from 01/01/2019 to till dated | | Total Rainfall (mm) in last year | | | | |
| 366.9 | | | | | | 4700.0 | | 3558.3 | | | | |

Agro-met Advisory

There is possibility of moderate to heavy rainfall, increase in maximum temperature from 18th to 22nd September, 2019.

Sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period of 20th to 26th September, 2019 is above normal.

| Crop | Stage | Agro Advise |
|------------------------|--|---|
| Kharif rice | Panicle initiation to flowering | <ul style="list-style-type: none"> Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation to flowering stage. Apply 3rd split dose of nitrogen @ 43 kg urea/ha when intensity of rainfall is low to the mid-late varieties rice crop which is in flowering stage. There is possibility of incidence of stem borer on rice. If incidence is noticed, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil. Due to forecast of increase in humidity, there is possibility of incidence of bacterial leaf blight disease on rice. Symptoms of the disease are occurrence of water-soaked to yellowish strips on leaf blades and at leaf tips lead to drying of leaves from tip towards mid rib and appearance of bacterial ooze looking like a milky or opaque dew drop on lower side of leaves at early in the morning. If incidence is noticed, spray Streptocyclin 5 g + Copper oxychloride 25 g per 10 liters of water. The next two spray should be taken at an interval of 15 days. (The fungicides are not under label claim). |
| Mango | Vegetative | <ul style="list-style-type: none"> Due to forecast of increase in temperature is congenial for vegetative flush in mango, for protection of vegetative flush of mango from hoppers attack, spray Deltamethrin 2.8%EC @ 9 ml g per 10 liter of water. |
| Cashewnut | Vegetative | <ul style="list-style-type: none"> Due to forecast of increase in temperature is congenial for vegetative flush in cashewnut, for protection of vegetative flush of cashewnut from attack of tea mosquito bug and thrips, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water. |
| Coconut | -- | <ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle spray the FYM pits with Chloripyriphos 20 ml in 10 lit of water. Clean coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation. |
| Vegetable crops | Fruiting | <ul style="list-style-type: none"> Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water at an interval of 10 to 15 days. |

• **Note: spraying should be taken in dry period during day.**

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.