Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth, & Regional India Meteorological Department, Mumbai)
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No. 59/2019 Date: 23/07/2019
Duration – 5 days

Significant past weather for the preceding week
17/07 18/07 19/07 20/07 21/07 22/07 23/07 24/07 25/07 26/07 27/07 28/07
35.4  7.8  0.0  40.0  4.0  13.6  103.0  Rainfall (mm) 170 150 140 97 100
29.5  29.0  30.5  30.2  30.4  30.0  30.5  Maximum temperature (°C) 30 30 29 29 29
23.0  24.6  24.5  24.0  24.5  23.0  Minimum temperature (°C) 24 24 24 24 24
6  6  4  4  4  4  6  Cloud cover (Octa) 8 8 8 8 8
98  98  90  93  100  Relative Humidity Max. (%) 95 97 97 97 97
87  78  88  78  88  81 -  Relative Humidity Min. (%) 91 94 95 96
3.7  2.0  2.7  2.9  1.9  3.8  5.5  Wind speed (Km/hr) 8 10 8 8 12
Calm  W  SW  SW  Calm  W  Wind direction 274 266 254 247 257

Rainfall (mm) in last week  Rainfall (mm) from 01/01/2019 to till dated  Total Rainfall (mm) in last year
203.8  1653.3  3071.8

Agro-met Advisory

There is possibility of heavy rainfall from 24th to 28th July, 2019 and sky will be cloudy from 24th to 28th July, 2019. Extended range rainfall forecast for Konkan division for the period of 26th July to 1st August, 2019 is above normal.

Crop  Stage  Agro Advise

Kharif rice  Tillering  • During next five days there is forecast for heavy rain, make arrangement for drain out excess water from rice field and maintain optimum water level of 5cm.
• During next five days there is forecast for heavy rainfall, hence it is advised to postpone application second split dose of nitrogenous fertilizers.

Finger millet  Seedling  • Complete transplanting operation of finger millet seedlings.

Mango  Vegetative  • During next five days there is forecast for heavy rainfall, hence it is advised to postpone Paclorbutrazol application in Mango orchard.

Coconut and Arecanut  • During next five days there is forecast for heavy rain, make arrangement for drain out excess water from coconut and arecanut orchard.

Vegetable crops  Vegetative  • During next five days there is forecast for heavy rain, make arrangement for drain out excess water from vegetable crop field.
• If the incidence of aphids, leaf hoppers, red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on brinjal, chilli, bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval.

Note: mix stickers in insecticide solution before spraying.

Milch animals/Goat/Poultry  • Provide clean and hygienic drinking water to farm animals also protect farm animals from rain.
• For young goat, provide 200 to 250 gms Concentrate + 3 to 4 kg green fodder + 1.5 kg roughages per day.
• For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.
• During rainy season, farm animals shows symptoms like Diarrhea, reduction in feed intake and weight loss due to worms, if infection of worms is observed in farm animals worms, give Fenbendazole @ 5 ml or Albendazol 7.5 ml per kg weight of farm animals.

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.