



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 –27/02/2019 to 05/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 10/03/2019				
27/02	28/02	01/03	02/03	03/03	04/03	05/03		06/03	07/03	08/03	09/03	10/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
35.2	32.8	34.0	36.8	38.6	33.8	33.6	Maximum temperature (°C)	33	33	34	36	36
14.0	13.8	13.5	15.0	17.2	17.8	18.4	Minimum temperature (°C)	21	21	22	20	19
0	0	0	0	0	2	0	Cloud cover (Octa)	1	0	1	1	0
78	83	89	73	86	87	86	Relative Humidity Max. (%)	75	67	59	55	59
23	20	14	23	39	37	-	Relative Humidity Min. (%)	57	51	46	38	41
3.5	4.1	3.2	3.5	5.6	4.7	5.1	Wind speed (Km/hr)	9	9	14	7	11
Calm	Calm	Calm	N	ESE	ENE	Calm	Wind direction	193	352	178	311	199
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 temperature from 06th to 10th March, 2019. Wind velocity range 7 to 14 from 6th to 10th march, 2019

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> Carry out weeding operation and apply 2nd dose of nitrogen 40 kg ha⁻¹ (Urea 87 kg ha⁻¹) to rice crop at time of tillering. Maintain optimum water level of 5-10 cm in rice field.
Groundnut	Pegging	<ul style="list-style-type: none"> Due to increasing rate of evaporation irrigate the groundnut crop at an interval of 8-10 days. For control of weeds in groundnut crop perform weeding operation.
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 support to newly planted mango graft, as there is forecast of high wind velocity.
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.
Coconut	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to coconut orchard at 8-10 days interval.
Spice crop	Harvesting	<ul style="list-style-type: none"> The flower buds of clove crop should be harvested when they are fully mature but before opening. The buds are harvested as clusters and separated and dried in the sun for five to seven days.
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.