



Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by GKMS, 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 –22/02/2020 to 28/02/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 04/03/2020				
22/02	23/02	24/02	25/02	26/02	27/02	28/02		29/02	01/03	02/03	03/03	04/03
0	0	0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
37.0	37.4	38.0	-	-	-	-	Maximum temperature (°C)	31	31	30	30	30
16.8	17.5	16.2	-	-	-	-	Minimum temperature (°C)	18	18	18	19	19
0.0	0.0	0.0	-	-	-	-	Cloud cover (Octa)	0	2	1	1	0
64.0	80.0	74.0	-	-	-	-	Relative Humidity Max. (%)	41	55	53	57	63
23.0	21.0	16.0	-	-	-	-	Relative Humidity Min. (%)	22	23	27	28	31
3.1	3.2	2.9	-	-	-	-	Wind speed (Km/hr)	3	4	4	5	4
SW	Calm	Calm	-	-	-	-	Wind direction	E	E	SE	SSW	S
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2020 to till dated	Total Rainfall (mm) in last year				
0.0							0.0	5197.2				

Agro-met Advisory

During next five days the maximum temperature will be in the range of 30 to 31°C and minimum temperature in the range of 18 to 19 °C and sky remain clear.

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> Maintain optimum water level of 5 cm in rice field where crop is in tillering stage.
Mango	Fruiting	<ul style="list-style-type: none"> To protect the pea size fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew. To improve production and quality of mango fruits, spray 1 % Potassium nitrate at pea, marble and egg fruit stages. The pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage as per recommendation of D.B.S.K.K.V. helps to reduce the fruit drop, increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango. Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard also use straw mulch to reduce evaporation losses.
Coconut	--	<ul style="list-style-type: none"> There is possibility of incidence of rugose spiralling white fly on coconut, Nymphs and adults suck the sap from lower surface of leaves and produce honey dew sugary substance which develop growth of sooty mould fungus. For protection of plant from white fly incidence spray water onto leaves regularly. Also, for control of black fungus spray 1% starch solution on leaves. Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard also use straw mulch to reduce evaporation losses. There is forecast for increase in temperature, hence provide shed to the newly planted coconut orchard to protect from sun scorching.
Arecanut	-	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to arecanut orchard.
Water melon	Fruiting	<ul style="list-style-type: none"> Install cue lure 'Rakshak' trap @ 4nos. per hectare at the time of initiation of flowering in watermelon crop for effective control of fruit fly. Collect and destroy all infected fruits. For protection of watermelon fruits from sun scorching, cover the fruits with paddy straw or grasses.
Okra	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of aphids on okra crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, collect and destroy all infected shoots and leaves, spray Dimethoate 30%EC@10 ml per 10 liter of water. Also use yellow sticky cards in field to attract sucking pest.
Poultry	-	<ul style="list-style-type: none"> There is possibility for increase in temperature during day hence protect poultry birds from heat.

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| | | <ul style="list-style-type: none">• In poultry shed, increase the water pot and provide adequate and clean water for drinking. Also, feed should be given in the morning or evening hours.• To protect the birds from Ranikhet disease, vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated. |
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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. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.