



AGROMET ADVISORY SERVICE BULLETIN FOR RAIGAD DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& India Meteorological Department)



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Bulletin No. 06/2022

Date: 21/01/2022

Duration – 5 days

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Significant past weather for the preceding week (Period –15/01/2022 to 21/01/2022)							Weather Parameters	Weather forecast until 08.30 hrs of 26/01/2022				
(Source: AWS, Karjat)								(Source: Regional Meteorological Centre, Mumbai)				
15/01	16/01	17/01	18/01	19/01	20/01	21/01		22/01	23/01	24/01	25/01	26/01
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	3	0	0	0
33.9	34.6	35.7	-	-	-	-	Max.Temp. (°C)	27	27	26	27	30
17.1	16.2	19.5	-	-	-	-	Min.Temp. (°C)	19	17	15	16	17
-	-	-	-	-	-	-	Cloud cover (Octa)	1	2	1	0	1
93	-	-	-	-	-	-	Max. RH (%)	86	86	78	61	46
67	68	67	-	-	-	-	Min. RH (%)	35	53	44	24	21
1.0	0.0	0.0	-	-	-	-	Wind speed(Km/hr)	3	10	5	7	5
ESE	NNW	NE	-	-	-	-	Wind direction	SE	NE	ENE	ENE	ENE
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2022 to till date				Total Rainfall (mm) in last year				
0.0				20.0				-				

Weather summary/alert

Weather forecast	As per RMC Mumbai forecast, there is possibility for partly cloudy weather with light rainfall at isolated places on 22 nd to 23 rd January,2022 and gradual fall in maximum and minimum temp expected over Raigad district.
ERFS	As per ERFS products, dry weather with normal maximum & minimum temperature expected during 26 th January to 1 st February,2022 over Konkan division.

Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
General advisory	--	<ul style="list-style-type: none"> Due to forecast for light rainfall at isolate places on 22nd and 23rd January 2022, keep the harvested turmeric, black pepper and arecanut at safe place for drying.
SMS advisory	--	<ul style="list-style-type: none"> Protect the poultry birds from low temperature by providing curtains and electric bulbs during night time.
Rabi Summer rice	Seedling	<ul style="list-style-type: none"> Prepare field for rice transplanting by puddling. At the time of puddling apply 870 gms urea, 3130 gms single super phosphate and 840 gms muriate of potash per guntha. Transplant the rice seedlings of 35 to 40 days old with 5 to 6 leaves with height of 12 to 15 cm. Transplant 3 rice seedling per hill at a spacing of 20 x 15 cm. Maintain optimum water level of 2.5- 5 cm upto 30 days after transplanting. Apply 1 kg urea per guntha to rice nursery at 15 DAS.
Cowpea, Mustard	Vegetative to flowering	<ul style="list-style-type: none"> Due to forecast for cloudy weather condition, there is possibility of incidence of aphids on lablab, cowpea crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, spray Dimethoate 30%EC@12 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter of water.
Mango	Inflorescence to mustard size fruit	<ul style="list-style-type: none"> Due to forecast for cloudy rainy weather, there is possibility for anthracnose and powdery mildew disease on mango inflorescence, if rainfall realized, then for protection against powdery mildew disease, spray Hexaconazole 5% SC @ 5 ml per 10 liter of water and for control of anthracnose disease, spray Carbendazim 12% + Mancozeb 63% @ 10 g per 10 liter of water.

		<ul style="list-style-type: none"> • There is possibility incidence of hoppers, midge fly on mango inflorescence. For management of pest, spray of Imidacloprid 17.8% SL @ 6 ml or Buprofezin 25%SC@ 20 ml per 10 liter of water during clear weather. • To protect the mustard size fruits of mango from hoppers as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water. (Note: avoid spraying during flowering to fruit setting period for effective pollination. If it is not possible to postpone the spraying till fruit set due to heavy incidence of insect and pest, then avoid spraying during morning hours (09.00 am to 12.00 pm) which is active period of pollinators for pollination.) • Fall in minimum temp. favors recurrent flowering from mango which is in fruit setting stage, to avoid recurrent flowering, spray gibberellin acid 50 PPM (1 gms/20 lit of water) at time of fully open flower and mustard size fruit stage. Before spraying ensure that a tree has a sufficient flowering.
Cashewnut	inflorescence to fruiting stage	<ul style="list-style-type: none"> • Due to forecast light rainfall at isolate places on 22nd and 23rd January 2022, there is possibility of incidence of tea mosquito bug and thrips on inflorescence and nut of cashewnut. If incidence is noticed spray Profenophos 50%EC @ 10 ml at inflorescence stage and Lambda cyhalothrin 5% EC @6 ml or Acetamiprid 20%SP @ 5 gms per 10 liter at nut stage. (The insecticide is not under label claim).
Arecanut	Fruiting	<ul style="list-style-type: none"> • Due to forecast light rainfall at isolate places on 22nd and 23rd January 2022, keep the harvested nuts for drying at safe place.
Brinjal	Vegetative to fruiting	<ul style="list-style-type: none"> • There is possibility for incidence of bacterial or fungal wilt disease in brinjal. For management of bacterial wilt, collected and destroy infected plant. Follow crop rotation with crop other than solanaceous family. Use resistant varieties. for fungal wilt disease management drench the Trichoderma solution @ 5 gms per liter of water.
Turmeric	Maturity	<ul style="list-style-type: none"> • Carryout harvesting of matured turmeric rhizome. After boiling, keep the rhizome for drying on concrete floor for approx. 10 to 15 days. Since there is forecast for light rainfall at isolate places on 22nd and 23rd January 2022, keep the rhizome for drying at safe place.
Black paper	Maturity	<ul style="list-style-type: none"> • Carryout harvesting of black paper by hand picking the whole spikes when few berries in the spike start turning yellow or red. The berries are separated and dipped in hot water (80°C) for one minute and sun dried for 3 to 4 days. • Due to forecast light rainfall at isolate places on 22nd and 23rd January 2022, keep the blackpeper for drying at safe place.
Goat farming	-	<ul style="list-style-type: none"> • Protect the Goats kids from low temperature by providing electric bulbs during night time.
Poultry	-	<ul style="list-style-type: none"> • Protect the poultry birds from low temperature by providing curtains and electric bulbs during night time.
<p>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, Krishi Vigyan Kendra or Agriculture officers of Agriculture Department, Maharashtra state.</p>		