



AGROMET ADVISORY SERVICE BULLETIN FOR RATNAGIRI DISTRICT

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



Ph.No. : (02358) 282387

Email : dpl.amfu@gmail.com

No. 23/2021

Date: 19/03/2021

Duration – 5 days

Dr. Prashant Bodake,
Head,
Department of Agronomy
9420413255

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

Significant past weather for the preceding week (Period –13/03/2021 to 19/03/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 24/03/2021				
(Source: Agromet observatory, Dept of Agronomy, College of Agril, Dapoli)								(Source: Regional Meteorological Centre, Mumbai)				
13/03	14/03	15/03	16/03	17/03	18/03	19/03		20/03	21/03	22/03	23/03	24/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	2	2	0
33.6	36.6	33.4	34.0	34.8	35.0	33.0	Max.Temp. (°C)	34	33	35	36	36
17.4	16.2	15.7	15.5	15.8	18.0	16.6	Min.Temp. (°C)	24	23	23	25	25
0	0	0	0	0	6	6	Cloud cover (Octa)	2	1	2	2	1
85	85	82	88	81	94	94	Max. RH (%)	48	60	72	59	62
48	49	49	45	46	61	-	Min. RH (%)	25	24	28	28	26
3.8	4.1	3.2	3.1	4.3	3.1	3.5	Wind speed(Km/hr)	8	5	7	5	6
SW	W	W	NW	W	W	SW	Wind direction	SSE	SE	S	E	ESE
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2021 to till dated				Total Rainfall (mm) in last year				
0.0				16.8				4145.4				

Weather summary/alert

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light rainfall at isolated places with increase in temperature from 21st to 23rd March, 2021 and sky remains partly cloudy over Ratnagiri district.
Warning	Thunderstorm along with lightening and rainfall likely to occur on 21st and 22nd March, 2021 at isolated places over Ratnagiri district.

Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
General advisory	-	<ul style="list-style-type: none"> There forecast for thunderstorm along with lighting at isolated places over district from 21st to 22nd March, 2021, keep farm animals at safe place and away from open water, pond or river. Also harvest and stored the matured pulse crop at protective and safe place.
SMS	-	<ul style="list-style-type: none"> Due to forecast of light rainfall at isolated places from 21st to 22nd March 2021, hence to protect the mango fruits from rain water and fruit fly incidence, cover the fruits with paper bag.
Mango	Fruiting	<ul style="list-style-type: none"> There is forecast for partly cloudy weather and light rainfall from 21st to 23rd March 2021, harvest the matured mango fruits by observing rainfall situation in the morning and in the evening with the help on mango harvester at 80 to 85% maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. withhold irrigation one month before fruit are ready for harvesting. Do not spray any insecticides/fungicides 8 days before harvesting of mango fruits. To prevent incidence of post-harvest diseases fruit rot on fruits, place the fruits in hot water of 52°C for 10 minutes and then keep for ripening. Use C.F.B. (corrugated fiber box) for packing. Transport of harvested fruits should be done preferably during night hours. There is forecast for partly cloudy weather and light rainfall from 21st to 23rd March 2021, there is possibility of incidence of anthracnose disease on fruits of mango, if rainfall received then undertake the protective spraying for anthracnose disease, spray Carbendazim 12% + Mancozeb 63% @ 10 g per 10 liter of water.

		<ul style="list-style-type: none"> • Due to forecast for increase in temperature with decrease in humidity, to minimize the pre-mature fruit drop of mango, as per availability of water, apply 100 liter /tree at weekly or 150 to 200 liter/ tree at 15 days interval from pea to arecanut fruit size also use straw mulch. • Due to forecast of light rainfall at isolated places from 21st to 23rd March 2021, hence to protect the mango fruits from rain water and fruit fly incidence, cover the fruits with paper bag. Care should be taken that avoid injury to fruit stalk while bagging fruits with paper bag. • Due to forecast for partly cloudy weather, there is possibility for incidence of fruit fly on mango fruits. Collect and destroy all fallen fruits and install “Rakshak fruit fly trap” developed by University @ 2 traps per acre.
Cashewnut	Fructing	<ul style="list-style-type: none"> • There is possibility of incidence of tea mosquito bugs and aphids on the fruits of cashewnut, to protect the cashew during fruit bearing stage, spray Lambda cyhalothrin 5% EC @6 ml or Acetamiprid 20%SP @ 5 gms per 10 liter of water during clear weather. (insecticide is not under label claim).
Lablab bean, cowpea	Pod development	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places from 21st to 23rd March 2021, harvest matured lablab bean, cowpea crop and keep for drying at safe and protective place.
Chilli	Fructing	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places from 21st to 23rd March 2021, harvest the matured chilli and stored at safe and protective place.
Cucurbitaceous crops	Flowering to fructing	<ul style="list-style-type: none"> • Due to forecast of cloudy weather with rain, there is possibility for incidence of fruit fly in watermelon, cucurbitaceous crop. For effective control of fruit fly, install cue lure ‘Rakshak’ trap @ 2 nos. per acre.
<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 or Agriculture officers of Agriculture Department, Maharashtra state.</p>		