



Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



No. 95/2020

Date: 27/11/2020

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 –21/11/2020 to 27/11/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 02/12/2020				
21/11	22/11	23/11	24/11	25/11	26/11	27/11		28/11	29/11	30/11	01/12	02/12
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	3	0
-	-	-	-	-	-	-	Maximum temperature (°C)	34	33	34	34	34
-	-	-	-	-	-	-	Minimum temperature (°C)	20	21	20	20	21
-	-	-	-	-	-	-	Cloud cover (Octa)	4	4	1	4	7
-	-	-	-	-	-	-	Relative Humidity Max. (%)	55	73	74	75	65
-	-	-	-	-	-	-	Relative Humidity Min. (%)	37	48	50	51	36
-	-	-	-	-	-	-	Wind speed (Km/hr)	10	9	5	7	8
-	-	-	-	-	-	-	Wind direction	NE	E	E	ENE	E
Rainfall (mm) in last week					Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year				
0.0					3089.4			5197.2				

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of very light rainfall on 1st December, 2020 at isolated place and sky remain partly cloudy over Raigad district.
-------------------------	---

Crop	Stage	Agromet Advisory based on weather forecast
Pigeon pea	Pod development stage	<ul style="list-style-type: none"> There is possibility for incidence of pod borer in tur crop, if incidence is noticed, spray Chlorantraniliprole 18.5%SC @ 3 ml or Spinosad 45%SC @2.5 ml per 10 liter of water.
Rice	Nursery land preparation	<ul style="list-style-type: none"> For nursery preparation of rabi-hot season rice crop, carry out ploughing. Prepare raised bed of size 1 m breadth X 10 m length. Incorporate 100 kg/ guntha of well decomposed FYM on raised bed. Rice Varieties viz., Karjat- 184, ratna, Ratnagiri -1, Ratnagiri-74, Ratnagiri- 24, Ratnagiri- 711, Karjat-1 or Karjat- 3 are recommended by D.B.S.K.K.V., for cultivation during rabi hot season in Konkan region.
Lablab bean	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of aphids on lablab crop grown on residual moisture which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, spray Dimethoate 30%EC@12 ml per 10 liter of water.
Mango	Vegetative flush	<ul style="list-style-type: none"> Due to forecast of cloudy weather, there is possibility of incidence of hoppers and anthracnose disease on vegetative flush of mango. for protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is possibility of tea mosquito bug and thrips incidence on inflorescence of cashewnut, to protect the cashew inflorescence from tea mosquito bug and thrips incidence, spray Profenophos 50% EC @10 ml per 10 liter of water. Also, for protection of vegetative flush from tea mosquito bug incidence, spray spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water. (The insecticide is not under label claim). To improve production of cashewnut, take 2nd spray of 10 PPM ethrel at the flowering stage.
Turmeric	Rhizome development stage	<ul style="list-style-type: none"> There is possibility for incidence of leaf spot and anthracnose disease in turmeric, if incidence is noticed spray Mancozeb 75%WP @25 gms per 10 liter of water.
Brinjal	Vegetative	<ul style="list-style-type: none"> Apply second split dose of nitrogen @ 43 kg urea per acre to brinjal crop after 3 to 5 weeks of transplanting. Follow weeding and give earthing up at the time of fertilizer application.
Watermelon	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers and aphids in watermelon crop, if incidence is noticed on watermelon, spray dimethoate 30%EC @10 ml per 10 liter of water. For management of sucking pest, place yellow sticky paper into field.
Okra	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of aphids, hoppers on okra crop If incidence is noticed, collect and destroy all infected shoots and leaves, spray Dimethoate 30%EC@10 ml or Cypermethrin 25%EC@ 3 ml per 10 liter of water. For management of sucking pest, place yellow sticky paper into field.

Poultry	-	<ul style="list-style-type: none">• Protect the poultry birds from low temperature by providing curtains and electric bulbs during <u>night</u> 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 or Agriculture officers of Agriculture Department, Maharashtra state.</p>		