



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 –16/09/2020 to 22/09/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 27/09/2020				
16/09	17/09	18/09	19/09	20/09	21/09	22/09		23/09	24/09	25/09	26/09	27/09
0.0	0.4	27.8	-	-	-	-	Rainfall (mm)	123	55	20	20	10
-	-	-	-	-	-	-	Maximum temperature (°C)	30	30	29	30	30
-	-	-	-	-	-	-	Minimum temperature (°C)	25	24	24	24	25
-	-	-	-	-	-	-	Cloud cover (Octa)	8	8	7	8	7
-	-	-	-	-	-	-	Relative Humidity Max. (%)	95	95	95	93	93
-	-	-	-	-	-	-	Relative Humidity Min. (%)	81	90	85	82	75
-	-	-	-	-	-	-	Wind speed (Km/hr)	16	13	7	5	4
-	-	-	-	-	-	-	Wind direction	SSW	S	S	SSE	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
70.6				2703.0				5197.2				

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate to heavy rainfall from 23 rd to 27 th September, 2020 at most of places over Raigad district.
Warning	Heavy to very heavy rainfall at few places with extremely heavy rainfall at isolated places likely to occur on 22 nd September, 2020 and Heavy rainfall likely to occur at isolated places on 23 rd September, 2020 in ghat areas of Raigad district.
ERFS	As per ERFS products above normal rainfall may occur in Konkan division during 25 th September to 1 st October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Panicle initiation to flowering (late varieties), flowering to grain filling (midlate varieties) and grain filling to maturity (early varieties)	<ul style="list-style-type: none"> • Due to forecast of heavy rainfall on 23rd September, 2020, make arrangement for drain out excess water from rice field and then after 24th September, 2020 maintain the optimum water level of 5-10 cm in late and midlate rice varieties field. • Early rice varieties are in maturity stage, make arrangement to drain out water from field 8 -10 days before harvesting. • Due to forecast of heavy rainfall on 23rd September 2020, postponed the 3rd split dose of nitrogen @ 17 kg urea per acre to the late and midlate varieties of rice which is in flowering stage and apply thereafter during clear weather (no rainfall). • Due to forecast of intermittent rainfall from 24th September, 2020 and humid weather condition, there is possibility of incidence of rice earhead bug where midlate rice varieties are in milking stage. If incidence of rice earhead bug is observed above threshold level (1 adult /hill), dust Chlorpyrifos 1.5% DP powder @ 8 kg per acre during evening hours or in early morning when wind blows calm or spray Lambda cyhalothrin 5%EC @ 5 ml or Deltamethrin 2.8%EC @ 9 ml per 10 liter of water during clear weather (no rainfall). (Note: insecticide is not under label claim). • Due to forecast of intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease in late and midlate rice varieties. If incidence is noticed spray tricyclazole 75%WP @ 10 gm per 10 liter of water during clear weather (no rainfall).
Cashewnut	Vegetative	<ul style="list-style-type: none"> • Due to cloudy and humid weather condition, there is possibility of incidence of tea mosquito bug on new flush of cashewnut. If incidence is noticed spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter during clear weather (no rainfall) after 23rd September, 2020. (Note: insecticide is not under label claim).
Coconut	Fruiting	<ul style="list-style-type: none"> • Due to forecast of heavy rainfall on 23rd September 2020, make arrangement for drain out excess water from coconut orchard.
Areca nut	Fruiting	<ul style="list-style-type: none"> • Due to forecast of heavy rainfall on 23rd September 2020, make arrangement for drain out excess water from areca nut orchard.
Vegetable crops	Fruiting	<ul style="list-style-type: none"> • Due to forecast of heavy rainfall on 23rd September 2020, make arrangement for drain out excess water from vegetable crop field.

Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying

solution.

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.