



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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No. 84/2020

Date: 20/10/2020

Duration – 5 days

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Significant past weather for the preceding week (Period –14/10/2020 to 20/10/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 25/10/2020				
14/10	15/10	16/10	17/10	18/10	19/10	20/10		21/10	22/10	23/10	24/10	25/10
12.4	124.2	-	-	-	-	-	Rainfall (mm)	25	44	20	24	3
34.0	30.4	-	-	-	-	-	Maximum temperature (°C)	33	34	35	35	36
22.6	22.5	-	-	-	-	-	Minimum temperature (°C)	25	25	26	25	25
8	8	-	-	-	-	-	Cloud cover (Octa)	7	8	7	4	4
98	98	-	-	-	-	-	Relative Humidity Max. (%)	93	89	89	88	79
78	92	-	-	-	-	-	Relative Humidity Min. (%)	72	72	64	62	49
1.8	1.8	-	-	-	-	-	Wind speed (Km/hr)	3	4	4	5	5
Calm	Calm	-	-	-	-	-	Wind direction	ENE	ENE	ESE	E	ESE
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
136.6				3013.6				5197.2				

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light to moderate rainfall from 21 st to 25 th October, 2020 at a few places over Raigad district. Also, sky will remain cloudy.
Warning	Thunderstorm along with lightening likely to occur on 20 th and 21 st October, 2020 at isolated places in Raigad district.
ERFS	As per ERFS products above normal rainfall may occur in Konkan division during 21 th to 27 th October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
General advice	-	<ul style="list-style-type: none"> As there forecast for thunderstorm along with lighting at isolated places over district on 20th and 21st October, Keep farm animals at safe place and away from open water, pond or river.
Kharif rice	Grain filling (late varieties), maturity (early and midlate)	<ul style="list-style-type: none"> Maintain the optimum water level of 5 cm in late rice varieties field. There is forecast of light to moderate rainfall, harvest the matured rice varieties during clear weather (no rainfall), keep harvested produce in protective shed for threshing and after immediate threshing, keep threshed grains in protective shed for drying.
Finger millet/ Proso millet	Maturity	<ul style="list-style-type: none"> Due to forecast of light to moderate rainfall, harvest the matured varieties of finger millet crop during clear weather (no rainfall) by cutting of ear head with sickle and dry in the safe and protective shed. Follow threshing after drying.
Mango	Vegetative	<ul style="list-style-type: none"> Due to cloudy rainy weather, there is possibility for incidence of anthracnose fungal disease on new vegetative flush of mango, to control the disease spray, 1% bordomixture or Carbendazim 12% + Mancozeb 63% combination fungicide @ 10 gms per 10 liter of water during clear weather (no rainfall). As there is possibility of moderate rainfall till 22nd October, 2020 and onward there may be decrease in rainfall and increase in temperature, comparative reduction in humidity and sufficient available soil moisture create condition for pruning in old unproductive and high-density mango orchard. After 23rd October, 2020, undertake the central opening and pruning operation. In the old unproductive mango orchard, for penetration of solar radiation into canopy carryout central opening and pruning operation. While performing operation, old tall mango trees should be prune at 2/3rd height from base. In younger mango trees, pruning operation should be done at 12-15 ft height from base. After pruning spray chloropyriphos insecticide 5 ml per liter of water on to whole tree also pour solution into base of stem. After that apply bavistin 5 gm by mixing with 1 liter of coltar to the cut portion of branches. Provide irrigation 150-200 liter of water at 10-15 days interval immediately after pruning. Thin excess sprouting after two months of pruning. In high density (5X5 m or 6X4 m) mango orchard carryout pruning operation regularly, it includes detopping, pruning of cross branches and removing of dead wood. The height of tree in high density orchard should be maintained at 80% of row distance.
Coconut	Fruiting	<ul style="list-style-type: none"> Due to cloudy and humid weather condition, favour development of fungal disease in coconut, to protect the coconut from fungal disease, spray 1% bordomixture during clear

		<p>weather (no rainfall).</p> <ul style="list-style-type: none"> • Due to intermittent rainfall and increase in temperature, there is possibility of incidence of rugose spiraling 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. If incidence is noticed spray 50 ml Neem oil 0.5% @30 ml per 10 liters of water.
Arecanut	Fruiting	<ul style="list-style-type: none"> • Due to cloudy and humid weather condition, favour development of fungal disease in coconut, to protect the arecanut from fungal disease, spray 1% bordomixture during clear weather (no rainfall).
Okra	Sowing	<ul style="list-style-type: none"> • As there is possibility of moderate rainfall till 22nd October, 2020 and onward there may be decrease in rainfall, undertake sowing of okra crop after 23rd October,2020. At the time of ploughing mix 6 tonne of well decomposed FYM into soil. prepare ridges and furrow having spacing of 60 x 60 cm. Apply 28 kg urea, 125 kg single super phosphate and 33 kg muriate of potash per acre. Provide light irrigation immediate after sowing.
Vegetable nursery	Nursery	<ul style="list-style-type: none"> • Apply 50 grams of urea per bed 15 days after sowing of rabi vegetable nursery during clear weather (no rainfall).
Poultry	-	<ul style="list-style-type: none"> • For boiler poultry bird upto three-week-old bird, provide boiler starter and 4 to 6-week-old bird provide boiler finisher as per their daily requirement. • Vaccination against Newcastle disease (Ranikhet) to 4-10 days old chicks under supervision of veterinary officers is advocated.
<p>Note : Spray insecticide or fungicide solution and apply fertilizers during clear weather (no rainfall). Mix sticker into spraying solution.</p>		
<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>		