



AGROMET ADVISORY SERVICE BULLETIN FOR THANE DISTRICT

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



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Duration – 5 days

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Significant past weather for the preceding week (Period –03/07/2021 to 09/07/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 14/07/2021				
(Source: Surface observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
03/07	04/07	05/07	06/07	07/07	08/07	09/07		10/07	11/07	12/07	13/07	14/07
0.0	0.0	0.0	0.0	0.0	11.0	-	Rainfall (mm)	56	50	144	148	136
32.6	33.8	34.0	34.0	34.2	33.0	-	Max.Temp. (°C)	32	32	31	32	31
-	25.2	-	24.0	23.8	23.6	-	Min.Temp. (°C)	22	22	21	20	20
2	4	2	2	2	4	-	Cloud cover (Octa)	6	8	8	8	8
-	80	-	79	78	80	-	Max. RH (%)	85	88	89	92	92
74	64	67	69	74	62	-	Min. RH (%)	61	66	70	76	74
0.0	0.0	1.9	1.9	3.7	1.9	-	Wind speed(Km/hr)	8	9	9	10	5
Calm	Calm	S	SE	S	SE	-	Wind direction	SW	SW	SW	SW	SW

Weather summary/alert

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate rainfall at most places from 10 th to 11 th July, 2021 and heavy rainfall from 12 th to 14 th July, 2021 over Thane district.
Warning	Possibility for heavy rain likely to occur at isolated places on 9 th and 10 th July, 2021 and possibility for heavy to very heavy rain likely to occur at isolated place from 11 th to 13 th over Thane district.
ERFS	As per ERFS products, rainfall remains above normal whereas, maximum and minimum temperature remains normal over Konkan division during 14 th to 20 th July, 2021.

Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
General advise	--	<ul style="list-style-type: none"> Due to forecast for moderate to heavy rainfall, possibility for causing damage to rice seedling due to crabs. Use bait for management of crabs.
SMS advisory	--	<ul style="list-style-type: none"> Due to forecast for heavy to very heavy rainfall from 10th to 14th July, 2021 at isolated places, make arrangement for drain out excess water from rice, finger millet nursery, vegetable crop field and coconut, sapota, newly planted fruit crop orchard.
Kharif rice	Seedling	<ul style="list-style-type: none"> Due to forecast of moderate to heavy rainfall during next five days, start the transplanting of rice seedlings, also maintain optimum water level of 2.5 to 5 cm in transplanted rice field upto 30 DAT and make arrangement to drain out excess water from field. At the time of puddling apply 87 kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare. If incorporation of 5 tonnes of glyricidia leaves per hectare is done then reduce the dose of nitrogenous fertilizers to 50 percent. Transplant 2-3 rice seedlings per hill in case of straight varieties and one seedling per hill in case of hybrid at a spacing of 15 x 15 cm (early) or 20 x 15 cm (midlate and late varieties). follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling. Follow thinning and gap filling operation in drill rice field. Due to possibility for moderate to heavy rainfall, damage to rice seedling by crabs. For controlling the crabs from rice field, use bait prepare with the help of cook rice from 1 kg of raw rice and add insecticide Acephate 75WP @ 75 gm and make 100 arecanut size balls

		and keep them in each crab burrow and close it with wet mud. On the next day if some of the burrows are found open, again put the bait. For better control continue it for 7 days and also perform cooperatively with other farmers (Note: insecticide is not under label claim).
Finger millet, Proso millet	Seedling	<ul style="list-style-type: none"> • Due to forecast of moderate to heavy rainfall during next five days, start the transplanting of finger millet seedlings. • Seedlings of 30 days old are consider ideal for transplanting. Transplant 2 finger millet seedlings at spacing of 20x15 cm by 'Thomba' method. Prepare Thomba across the slope. Apply 900 gms urea, 2.5 kg single super phosphate and 660 gms of Muriate of potash per guntha in thomba at the time of transplanting. 2.6 kg per Guntha if applied through suphala (15:15:15) fertilizer.
Mango	Vegetative	<ul style="list-style-type: none"> • Follow weeding in mango orchard before recommended schedule paclobutrazol (cultar) application.
Coconut	Fruiting	<ul style="list-style-type: none"> • Due to forecast of moderate to heavy rainfall during next five days, make arrangement to drainout excess water from coconut orchard.
Sapota	Fruiting	<ul style="list-style-type: none"> • Due to forecast of heavy to very heavy rainfall during next five days, make arrangement to drainout excess water from sapota orchard. also postpone the fungicide spraying for management of fungal fruit drop.
Vegetable crop	Vegetative	<ul style="list-style-type: none"> • Due to forecast of moderate to heavy rainfall during next five days, make arrangement to drainout excess water from vegetable crop field. • There is possibility for incidence of fruit fly on fruits of cucurbitaceous crops. For effective control of fruit fly, install cue lure 'Rakshak' trap @ 2 nos. per acre at the time of initiation of flowering.
<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>		