



Agromet Advisory Service Bulletin for Thane 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 –24/06/2020 to 30/06/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 05/07/2020				
24/06	25/06	26/06	27/06	28/06	29/06	30/06		01/07	02/07	03/07	04/07	05/07
0.0	0.0	0.0	7.0	42.0	-	-	Rainfall (mm)	39	20	45	120	80
33.8	34.2	34.0	34.2	35.0	-	-	Maximum temperature (°C)	34	33	34	33	32
23.4	23.6	25.0	24.2	25.0	-	-	Minimum temperature (°C)	24	24	25	25	25
4	4	6	4	6	-	-	Cloud cover (Octa)	7	6	6	8	8
78	81	80	86	84	-	-	Relative Humidity Max. (%)	93	92	92	96	96
74	72	75	71	74	-	-	Relative Humidity Min. (%)	71	74	73	83	94
0.0	1.9	0.0	0.0	3.7	-	-	Wind speed (Km/hr)	7	7	9	14	15
Calm	SW	Calm	Calm	S	-	-	Wind direction	S	S	SSW	SW	SW

Agro-met Advisory

There is possibility of moderate rainfall from 1st to 5th July, 2020 at most places along with possibility of heavy rainfall at isolated places.

Crop	Stage	Agro Advise
Kharif rice	Transplanting	<ul style="list-style-type: none"> As there is forecast for moderate rainfall at most places and heavy rainfall at isolated place, it is advise to undertake transplanting. transplant the rice seedlings with 5 to 6 leaves with height of 12 to 15 cm and 20-21 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties. Prepare field for transplanting by puddling. 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. In SIRA method of rice cultivation, incorporate 2 tonnes per acre glyricida leaves at the time of puddling. Transplant improved or hybrid rice seedlings at a controlled spacing (15-25 cms). place urea-DAP briquette at depth of 7.5 to 10 cms in between four hill. Due to intermittent rainfall and increase in humidity, there is possibility of incidence of army worm in rice nursery, hence observe crop regularly for infestation of pest. Keep bunds weed free. And if incidence is noticed, spray Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water (Note: insecticide is not under label claim). For controlling the crabs from rice field, in initial stage collect the crabs in torch light for 2 to 3 nights and destroy it. Then 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	Transplanting	<ul style="list-style-type: none"> As there is forecast for moderate rainfall at most places and heavy rainfall at isolated place, it is advise to undertake 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 35 kg urea and 100 kg single super phosphate per acre in thomba at the time of transplanting.
Milch animals	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals also maintain good aeration in farm shed. Protect the farm animals from rain water.

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.