



Agromet Advisory Service Bulletin for Thane and Palghar District
(Issued jointly by IAAS, 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 –03/08/2019 to 09/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 14/08/2019				
03/08	04/08	05/08	06/08	07/08	08/08	09/08		10/08	11/08	12/08	13/08	14/08
240.0	185.0	28.4	8.0	18.0	0.0	8.4	Rainfall (mm)	33	25	25	21	26
28.8	27.2	28.2	-	-	-	-	Maximum temperature (°C)	30	31	31	31	31
24.5	24.8	25.4	-	-	-	-	Minimum temperature (°C)	27	26	26	26	26
6	6	2	-	-	-	-	Cloud cover (Octa)	8	5	6	6	8
98	97	86	-	-	-	-	Relative Humidity Max. (%)	91	92	93	92	93
98	87	80	-	-	-	-	Relative Humidity Min. (%)	89	81	81	78	77
9.6	10.6	10.4	-	-	-	-	Wind speed (Km/hr)	29	20	13	10	9
NE	NNE	E	-	-	-	-	Wind direction	235	232	217	216	240
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
487.8						2722.2		2359.6				

Agro-met Advisory

There is possibility of moderate rainfall from 10th to 14th August, 2019 and wind velocity range on 9 to 29 km/h from 10th to 14th August, 2019.

Extended range rainfall forecast for Konkan division for the period of 9th to 15th August, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle and caseworm on low land rice, hence observe crop regularly for infestation of pest. Alter the stagnated water with fresh water after every 2-3 days. Maintain water level of 5 cm in the field. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 40 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 liter of water. If incidence of rice case worm is noticed on rice crop, then flood the field with water followed by dragging the rope to dislodge the cases and drain out water from field after 1-2 hrs. Collect the cases and destroy then maintain the water level of 5 cm in the field with fresh water. <p>Note: mix stickers in insecticidal solution at the time of spraying.</p> <ul style="list-style-type: none"> Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding when intensity of rainfall is low. While transplanting of overaged seedlings (40 days & above) of rice, transplant 6 seedlings per hill at a spacing of 30 X 20 cm.
Mango	Vegetative	<ul style="list-style-type: none"> Apply paclobutrazol (cultural) for regular flowering in mango trees of 10 years old and above. Measure average diameter of canopy of the tree and apply cultural @ 3 ml per meter diameter (e.g. If east-west diameter of the plant is 5 m and North – South diameter is 7 m then average will be 6 m. So far 6 x 3 = 18 ml. will be the quantity of cultural. This quantity of paclobutrazol be mixed in 3 to 5 litre of water per tree and applied in 25 to 30 holes, 10 to 12 cm deep around the tree basin with help of kudali or crowbar just inside the manuring ring at uniform distance. Then uniform quantity of solution be drenched into holes, followed by closing or plugging of holes with soil. Before application weeds be removed. <p>Note: Apply Paclobutrazol when intensity of rainfall is low.</p>
New plantation	Vegetative	<ul style="list-style-type: none"> During next two days there is forecast for high wind speed, provide support to newly planted fruit crop.
Sapota	Fruiting	<ul style="list-style-type: none"> Give 3rd spray of 1% bordomixture for control of fruit drop due to fungal disease in sapota orchard <p>Note: spray when the intensity of rainfall is low also mix stickers in bordomixture solution at the time of spraying</p>
Vegetable crops	Vegetative	<ul style="list-style-type: none"> Follow earthing up operation in Okra, Brinjal, Tomato, Chilli etc. vegetable crops. Also provide support to crop as there is forecast of high wind speed.

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.