



Agromet Advisory Service Bulletin for 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 –10/08/2019 to 16/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 21/08/2019				
10/08	11/08	12/08	13/08	14/08	15/08	16/08		17/08	18/08	19/08	20/08	21/08
3.6	0.0	12.0	0.0	4.0	5.0	9.0	Rainfall (mm)	27	9	25	10	5
28.6	28.8	29.8	30.4	30.4	30.0	29.8	Maximum temperature (°C)	31	31	31	31	31
26.0	26.0	25.8	26.2	25.8	25.8	25.6	Minimum temperature (°C)	25	25	25	26	25
2	1	2	0	0	2	2	Cloud cover (Octa)	6	5	8	4	3
85	80	92	86	92	87	90	Relative Humidity Max. (%)	85	84	83	83	82
82	85	80	81	88	85	-	Relative Humidity Min. (%)	77	72	72	69	69
12.8	13.6	6.7	4.0	3.2	4.1	5.6	Wind speed (Km/hr)	25.5	25.2	20.3	13.6	13.4
NE	ENE	ENE	ENE	Calm	ESE	E	Wind direction	233	224	245	212	244
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
33.6						2755.8		2359.6				

Agro-met Advisory

There is possibility of light and moderate rainfall from 17th to 21st August, 2019 and wind velocity from 14th to 18th August, 2019.
Extended range rainfall forecast for Konkan division for the period of 16th to 22nd August, 2019 is 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. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding. Due to forecast for moderate rain, maintain the optimum water level of 5cm in the rice field.
Mango	Vegetative	<ul style="list-style-type: none"> Complete the application of paclobutrazol (cultar) for regular flowering in alphanso mango trees of 10 years old and above.
Coconut	Vegetative	<ul style="list-style-type: none"> Give earthing up in newly planted coconut orchard and keep orchard weed free. There is possibility of incidence of bud rot disease due to heavy rain, if incidence noticed spray coconut plant with 1% bordomixture. Clean old coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation in orchard. There is possibility of bud rot due to heavy rain, if incidence noticed spray 1% bordomixture on to the crown region.
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. Apply first split dose of 5 kg FYM, 150 g urea, 450 g single super phosphate and 150 g muriate of potash per tree to year old sapota plant by band placement around the tree just inside the spread. Apply fertilizer dose every year by multiplying year with first year dose upto first 20 years and after 20 years, apply 100 kg FYM, 3 kg urea, 9 kg single super phosphate and 3 kg muriate of potash per tree thereafter.

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.