



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 –03/09/2019 to 09/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 14/09/2019				
03/09	04/09	05/09	06/09	07/09	08/09	09/09		10/09	11/09	12/09	13/09	14/09
30.0	127.0	119.0	26.4	24.8	222.2	67.0	Rainfall (mm)	30	26	10	14	29
-	-	-	-	-	-	-	Maximum temperature (°C)	29	31	31	30	30
-	-	-	-	-	-	-	Minimum temperature (°C)	25	25	25	25	24
-	-	-	-	-	-	-	Cloud cover (Octa)	8	7	8	8	8
-	-	-	-	-	-	-	Relative Humidity Max. (%)	85	84	85	83	82
-	-	-	-	-	-	-	Relative Humidity Min. (%)	79	71	70	72	72
-	-	-	-	-	-	-	Wind speed (Km/hr)	22	22.9	18.1	17.2	12.7
-	-	-	-	-	-	-	Wind direction	248	222	199	225	212
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
616.4						3488.8		2359.6				

Agro-met Advisory

There is possibility of light to moderate rainfall from 10th to 14th September, 2019. Sky will be cloudy. There will be increased in wind velocity.

Extended range rainfall forecast for Konkan division for the period of 6th to 12th September, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Panicle initiation to flowering	<ul style="list-style-type: none"> Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation stage. Apply 3rd split dose of nitrogen @ 43 kg urea/ha when intensity of rainfall is low to the early varieties rice crop which is in flowering stage. Due to forecast of increase in humidity, there is possibility of incidence of bacterial leaf blight disease on rice. Symptoms of the disease are occurrence of water-soaked to yellowish strips on leaf blades and at leaf tips lead to drying of leaves from tip towards mid rib and appearance of bacterial ooze looking like a milky or opaque dew drop on lower side of leaves at early in the morning. If incidence is noticed, spray Streptocyclin 5 g + Copper oxychloride 25 g per 10 liters of water. The next two spray should be taken at an interval of 15 days. (The fungicides are not under label claim). Due to forecast of intermittent rainfall and cloudy weather condition, there is possibility of incidence of stem borer and leaf folder on rice. If incidence is notices, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil.
Coconut	-	<ul style="list-style-type: none"> Apply 750 gms urea and 667 gms of muriate of potash as 2nd split dose for 5 year old and above coconut palm. 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"> Due to forecast of increase in humidity, there is possibility of incidence of fungal disease which leads to fruit drop in sapota, for control of fruit drop spray 1% bordomixture on whole tree.

• **Note: spraying should be taken in dry period during day.**

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.