



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



No. 77/2019

Date: 24/09/2019

Duration – 5 days

Dr. Prashant Bodake,
Head,
Department of Agronomy
9420413255

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

Significant past weather for the preceding week (Period –18/09/2019 to 24/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 29/09/2019				
18/09	19/09	20/09	21/09	22/09	23/09	24/09		25/09	26/09	27/09	28/09	29/09
35.4	17.4	43.2	16.2	0.0	0.0	0.0	Rainfall (mm)	5	27	20	15	4
29.0	30.5	32.4	30.7	31.0	29.0	-	Maximum temperature (°C)	31	31	30	29	30
25.0	25.0	25.6	25.2	24.4	26.2	-	Minimum temperature (°C)	25	25	24	24	24
2	1	2	1	1	1	-	Cloud cover (Octa)	8	8	8	8	8
97	96	92	97	85	85	-	Relative Humidity Max. (%)	83	85	83	84	83
72	75	75	80	75	76	-	Relative Humidity Min. (%)	69	69	72	77	70
1.9	2.3	1.9	3.3	4.9	5.0	-	Wind speed (Km/hr)	8.1	8.8	16.1	21.9	20
W	W	W	WNW	WSW	WNW	-	Wind direction	205	171	181	172	164
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated			Total Rainfall (mm) in last year			
112.2						4088.4			2359.6			

Agro-met Advisory

There is possibility of light to moderate rainfall from 25th to 29th September, 2019. Sky will be cloudy.
Extended range rainfall forecast for Konkan division for the period of 27th September to 3rd August, 2019 is above normal.
According to NDVI, Agriculture vigour is moderate and according to SPI, severely wet condition experienced in Palghar district.

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 late rice varieties which is in panicle initiation to flowering stage. Maintain optimum water level of 5 cm in the early and mid-late rice varieties which is in flowering to grain filling stage. Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle on low land rice. 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.
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast of increase in temperature is congenial for vegetative flush in mango. For protection of vegetative flush of mango from hoppers, midge fly and shoot borer, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water.
Milch animals/Goat	--	<ul style="list-style-type: none"> Preserve the available green fodder by adopting silage method which helps to feed animals during the period when green fodder is not available.

• **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.