



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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No. 92/2019

Date: 15/11/2019

Duration – 5 days

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Significant past weather for the preceding week (Period –09/11/2019 to 15/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 20/11/2019				
09/11	10/11	11/11	12/11	13/11	14/11	15/11		16/11	17/11	18/11	19/11	20/11
23.2	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.0	29.0	32.0	33.5	33.6	33.0	32.4	Maximum temperature (°C)	34	34	34	35	35
24.0	23.5	21.4	21.6	22.8	25.0	24.0	Minimum temperature (°C)	23	23	24	25	25
2	0	0	0	0	0	0	Cloud cover (Octa)	0	1	3	0	0
95	83	91	83	92	61	80	Relative Humidity Max. (%)	61	68	69	66	57
80	59	62	53	68	40	-	Relative Humidity Min. (%)	45	51	57	52	46
3.8	1.3	1.9	1.0	1.0	1.7	1.6	Wind speed (Km/hr)	9.8	9.6	9.4	10.7	10.3
N	ENE	Calm	Calm	Calm	WSW	W	Wind direction	ENE	NE	NE	ENE	ENE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
23.2						4233.4		2359.6				

Agro-met Advisory

During next five days sky will remain clear also possibility of increase in maximum and minimum temperature.

Extended range rainfall forecast for Konkan division for the period from 15th to 21st November, 2019 is below normal.

According to NDVI, Agriculture vigour is good and according to SPI, severely wet condition experienced in Palghar district.

Crop	Stage	Agro Advise
Rice	Land Preparation	<ul style="list-style-type: none"> Start land preparation for rabi-hot season rice nursery. For nursery of summer rice, prepare raised bed of size 1 m breadth X 10 m length. Apply 1 kg. urea and 3 kg. SSP per guntha at the time of sowing. Rice Varieties viz., Karjat- 184, ratna, Ratnagiri -1, Ratnagiri- 24, Ratnagiri- 711, Karjat-1 or Karjat- 3 are suitable for cultivation of summer rice. Treat the seed with thiram fungicide @2.5 gm/kg of seed before sowing. To reduce weed intensity, apply Oxadiagyl 6% EC @ 3 ml per liter of water uniformly on wet nursery beds after sowing.
Lablab bean	Sowing	<ul style="list-style-type: none"> For cultivation of lablab bean, carryout ploughing operation on moist soil after the harvest of kharif rice and incorporate 5 tonne/ha FYM or compost. Then sow lablab bean @ 30 to 45 kg/ha by dibbling at a spacing of 30 x 15 cm or 30 x 20 cm or 30 x 30 cm. apply 540 gms urea and 3 kg Single Super Phosphate per guntha at the time of sowing below the seed at 5 cm depth. Provide light irrigation after sowing. Before sowing, treat the seed with Thiram fungicide @3 gm/kg of seeds. After that treat the seed with Rhizobium biofertilizers @ 25 gms per kg of seed and dry in shed one hours before sowing.
Mango	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water. Situation of clear sky and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard @ 30 liters of water at 7 days interval (1 years old), 15 days interval (2 years old) and one-month interval to 3 years old tree. New growth below graft union should be removed regularly.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bug and thrips on the inflorescence of cashewnut, if incidence is noticed spray Profenophos 50% EC @10 ml per 10 liter of water. Situation of clear sky and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted cashewnut orchard @ 15 liters of water at 15 days intervals. New growth below graft union should be removed regularly.
Coconut	-	<ul style="list-style-type: none"> Situation of clear sky and increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard at 6 -7 days interval to newly planted orchard and for full grown tree provide irrigation at 5 -10 days interval.
Sapota	Fruiting	<ul style="list-style-type: none"> Situation of clear sky and increase in temperature may leads to accelerate evaporation, hence provide irrigation to sapota orchard at 7 to 8 days interval. There is possibility of incidence of seed borer in sapota, for control of seed borer, collect and destroy all infected fruits and dried leaves. take a spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8 EC @ 10 ml insecticide per 10 liter of water twice at an interval of one month.
Okra	Sowing	<ul style="list-style-type: none"> For the cultivation of okra, carryout primary tillage operation. Follow sowing on ridges and

		furrow having spacing of 45 X 15 cm. apply 150 kg FYM, 700 g urea, 3kg single super phosphate and 420 g muriate of potash per guntha. Provide light irrigation after sowing.
Aster	Nursery	<ul style="list-style-type: none"> • For the cultivation of aster flower crop, carryout primary tillage operation. Prepare raised bed of 2m length x 1m width x 10 cm height by mixing with fine soil and FYM. Sow the seeds in rows 10-12cm apart at 1 cm depth and cover with mixture of fine soil and FYM. Provide light irrigation after sowing.
Marigold	Nursery	<ul style="list-style-type: none"> • For the cultivation of marigold flower crop, carryout primary tillage operation. Prepare raised bed of 2m length x 2m width x 10 cm height by mixing with fine soil and FYM. Sow the seeds in rows 4-5 cm apart at 1 cm depth and cover with mixture of fine soil and FYM. Provide light irrigation after sowing.
<p>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.</p>		