



Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by GKMS, 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 –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
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	2	0	0	0	0
31.0	33.4	34.2	34.6	34.5	33.4	-	Maximum temperature (°C)	34	34	33	33	33
21.5	20.8	20.0	20.5	23.4	19.0	-	Minimum temperature (°C)	23	23	22	22	22
0.0	2.0	0.0	0.0	4.0	0.0	-	Cloud cover (Octa)	1	3	0	1	3
96	93	88	95	87	94	-	Relative Humidity Max.(%)	79	76	69	64	63
54	55	40	43	45	-	-	Relative Humidity Min. (%)	56	52	46	41	36
3.7	1.9	1.9	1.2	2.1	1.6	-	Wind speed (Km/hr)	6	7	9	8	7
NE	ENE	Calm	Calm	Calm	Calm	-	Wind direction	ENE	E	E	ENE	E
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						5222.1		3558.3				

Agro-met Advisory

During next five days sky will remain partly cloudy also possibility of increase in maximum 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 Raigad 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-74, 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.
Groundnut	Maturity	<ul style="list-style-type: none"> For cultivation of groundnut, carryout ploughing operation and incorporate 5 tonnes/ha FYM or compost in soil. Groundnut varieties, viz., S.B. 11, T.A.G.-24, Phule pragati, Konkan gaurav, T.G. 26, Konkan Trombe Tapora @ 100-125 kg per hectare are suitable for cultivation of rabi groundnut.
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.
Arecanut	Fruiting	• Situation of clear sky and increase in temperature may leads to accelerate evaporation, hence provide irrigation to arecanut orchard at 4 to 5 days interval.
White onion	Nursery	• For the nursery of white onion, carry out primary tillage operation. prepare raised bed of 3 m length x 1 m width x 15 cm height. Apply 5 kg well decomposed FYM, 35 gm urea, 100 gm single super phosphate and 25gm muriate of potash per sq.m at the time of sowing. Provide light irrigation after sowing.
Long yard bean	Sowing	• For the cultivation of long yard bean, cultivate the land when it is at field capacity. Incorporate 10-15 tonne/ha FYM or compost at the time of ploughing. Prepare flat bed of 3 x 3 m size. Apply 60 gm urea, 300 gm single super phosphate and 45gm muriate of potash per bed at the time of sowing. Sow 2-3 seeds at a spacing of 60 X 60 cm. Provide light irrigation after sowing.
Water melon	Sowing	• For the cultivation of watermelon, carryout primary tillage operation. Follow sowing on ridges and furrow having spacing of 2 X 0.50 m. apply 1.5 kg FYM, 11g urea, 32 g single super phosphate and 10 g muriate of potash per vine and for hybrid varieties apply 2 kg FYM, 20g urea, 32 g single super phosphate and 17 g muriate of potash per vine at the time of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed for protection of seedlings from wilt disease. Provide light irrigation after sowing.
Okra	Sowing	• 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.
<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>		