



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



No. 88/2019

Date: 01/11/2019

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 –26/10/2019 to 01/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 06/11/2019				
26/10	27/10	28/10	29/10	30/10	31/10	01/11		02/11	03/11	04/11	05/11	06/11
-	-	-	-	-	-	-	Rainfall (mm)	13	0	0	9	20
-	-	-	-	-	-	-	Maximum temperature (°C)	33	34	34	33	33
-	-	-	-	-	-	-	Minimum temperature (°C)	25	24	24	24	24
-	-	-	-	-	-	-	Cloud cover (Octa)	7	8	6	5	4
-	-	-	-	-	-	-	Relative Humidity Max. (%)	90	91	93	93	95
-	-	-	-	-	-	-	Relative Humidity Min. (%)	68	60	60	63	66
-	-	-	-	-	-	-	Wind speed (Km/hr)	6	6	4	3	3
-	-	-	-	-	-	-	Wind direction	E	ESE	E	E	E
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
0.0							5217.7	3558.3				

Agro-met Advisory

There is possibility of light rainfall on 2nd, 5th and 6th November, 2019 at isolate places and sky will be cloudy.
Extended range rainfall forecast for Konkan division for the period from 1st to 7th November, 2019 is above normal.
According to NDVI, Agriculture vigour is moderate and according to SPI, moderately wet condition experienced in Raigad district.

Crop	Stage	Agro Advise
Kharif rice	Maturity	<ul style="list-style-type: none"> Due to forecast of light rain on 2nd, 5th and 6th November at isolated places, hence by observing rainfall situation harvest the matured rice varieties in morning hours near to ground level and follow immediate threshing, threshed grains should be stored in protected shed for drying. Due to forecast of increase in temperature and humidity, there is possibility of incidence of army worm in rice crop, hence by observing rainfall situation harvest matured rice at the earliest.
Finger millet	Maturity	<ul style="list-style-type: none"> Due to forecast of light rain on 2nd, 5th and 6th November at isolated places, hence by observing rainfall situation harvest the matured finger millet crop in morning hours by cutting of ear head with sickle and sun-dry for 2-3 days followed by threshing. threshed grains should be stored in protected shed.
Lablab bean	Sowing	<ul style="list-style-type: none"> For cultivation of lablab bean on residual moisture, first spray glyphosate 5 ml per liter of water immediately after harvest of rice crop to control weeds and then sow the lablab bean at a spacing of 30 x 15 cm by dibbling without disturbing soil by any tillage operation. Fertilizer should be place by making hole adjacent to seed. 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.
Chickpea	Field preparation	<ul style="list-style-type: none"> For cultivation of chickpea, carryout deep ploughing operation on moist soil immediate after the harvest of Kharif rice and incorporate 2 tonnes/acre FYM into soil.
Mango	Vegetative	<ul style="list-style-type: none"> Due to cloudy and humid weather condition, 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. In old mango orchard, carryout centre opening operation which increase penetration of sunlight and result in increase in flowering. In high density (5X5 m or 6X4 m) mango orchard, carryout pruning operation, it includes detopping, pruning of cross branches and removing of dead wood. The height of tree in high density orchard should be maintained at 80% of row distance.
Cashewnut	Vegetative	<ul style="list-style-type: none"> Due to cloudy and humid weather condition, there is possibility of incidence of tea mosquito bug and thrips on vegetative flush of cashewnut to protect the flush of cashew, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.
Coconut	Fruiting	<ul style="list-style-type: none"> For control of eriophyid mite on coconut, neem-based insecticide neemazal 5% @ 7.5 ml be mixed in equal quantity of water apply through root feeding during month of October-November. Harvesting is avoided at least 45 days after treatment. In addition to this spray neem-based insecticide (nemazal) 1% @4 ml per liter of water on bunch of nuts. Collect and destroy all infected inflorescence and nuts before spraying.
Vegetables crop	Sowing	<ul style="list-style-type: none"> For raising of vegetable nursery for rabi season, cultivate the land when it is at field capacity condition and then prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg

nursery		<p>FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m. For protection of seedlings from wilt disease, drench nursery bed with 1% bormixture before 3-4 days of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed.</p> <ul style="list-style-type: none"> • Apply 50 grams of urea per bed 15 days after sowing of rabi vegetable nursery. • Provide irrigation to fruit crop and vegetable nursery regularly.
<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>		