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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Significant past weather for the preceding week (Period –01/01/2020 to 07/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 12/01/2020				
01/01	02/01	03/01	04/01	05/01	06/01	07/01		08/01	09/01	10/01	11/01	12/01
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
29.8	30.4	30.2	-	-	-	-	Maximum temperature (^{o}C)	32	29	31	34	34
11.6	14.2	13.5	-	-	-	-	Minimum temperature (^{o}C)	21	18	18	21	22
0	0	0	-	-	-	-	Cloud cover (Octa)	0	0	1	0	1
86	92	87	-	-	-	-	Relative Humidity Max.(%)	81	85	68	67	76
35	39	44	-	-	-	-	Relative Humidity Min. (%)	47	51	30	34	38
2.2	2.4	2.9	-	-	-	-	Wind speed (Km/hr)	3	7	8	6	3
Calm	Calm	Calm	-	-	-	-	Wind direction	S	NE	E	E	E

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2020 to till dated	Total Rainfall (mm) in last year
0.0	0.0	5197.2

Agro-met Advisory

There is possibility of increase in maximum and minimum temperature and sky will be clear from 8th to 12th January, 2020.

Crop	Stage	Agro Advise
Rice	**Nursery**	• Provide irrigation to summer rice nursery regularly. • Apply 1 kg urea per guntha 15 days after sowing of rice nursery.
Lablab bean	**Flowering**	• There is possibility of incidence of pod borer in lablab bean crop, to protect the crop, install bird's perches and if required spray quinalphos 25%EC @ 20 ml per 10 liter of water or 5% neem seed kernel extract when crop is in flowering stage or if incidence of pest is noticed. • Provide irrigation to lablab bean crop where crop is in flowering stage.
Mango	**Vegetative and flower bud initiation**	• There is forecast for increase in temperature which may increase the incidence of hoppers and thrips on mango. To protect the inflorescence from hoppers, thrips and powdery mildew diseases, spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml per 10 liter in water at the time of flower bud initiation as a second spray of mango blossom protection schedule. • For protection of vegetative flush from hoppers, spray deltamethrin 2.8%EC @ 10 ml per 10 liter in water.
Cashewnut	**Flowering**	• There is possibility of incidence of tea mosquito bugs on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @10 ml per 10 liter of water.
Coconut	**--**	• There is possibility of incidence of spiraling white fly on coconut which results into growth of black fungus on leaves, if incidence is noticed spray Lambda cyhalothrin17.8%SL @3 per 10 liters of water. For the protection from black fungus Spray 1% starch solution @ 10 per 10 liter of water.
Watermelon	**Vegetative**	• Apply 2nd spilt dose of urea @ 11 g per vine of watermelon and 20 g of urea per vine of hybrid watermelon at one month after planting. • If incidence of wilt is noticed on watermelon, drenching of Carbendazim @ 1 gm or Trichoderma 5 gm per liter of water is suggested.
Chilli	**Flowering**	• Apply 2nd spilt dose of urea @ 65 kg/ acre to chilli at the time of flowering and fruiting. • Due to forecast for increase in temperature, there is possibility of incidence of sucking pest in chilli, if incidence is noticed spray Dimethoate 30%EC @ 10 ml per 10 liter of water also place yellow sticky cards in field.
Cucumber	**Flowering**	• Install cue lure 'Rakshak' trap @ 4 nos. per hectare at the time of initiation of in cucumber crop for effective control of fruit fly.
Snake gourd	**Flowering**	• Due to forecast for increase in temperature, there is possibility of incidence of sucking pest in snake gourd, if incidence is noticed spray Dimethoate 30%EC @ 10 ml per 10 liter of water also place yellow sticky cards in field. • Install cue lure 'Rakshak' trap @ 4 nos. per hectare at the time of initiation of in snake gourd crop for effective control of fruit fly.
Cabbage	**Vegetative**	• For control of weeds in cole crop, do weeding operation after 20-25 days of planting also earthing up of soil to give support to plant.
Milch Animals/ Goat	**--**	• Due to forecast for increase in temperature, provide ample amount of clean and hygienic drinking water to farm animals.

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.