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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Significant past weather for the preceding week (Period –15/01/2020 to 21/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 26/01/2020				
15/01	16/01	17/01	18/01	19/01	20/01	21/01		22/01	23/01	24/01	25/01	26/01
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
28.6	28.0	24.6	25.4	30.8	32.2	32.6	Maximum temperature (^{o}C)	30	32	32	33	32
16.2	13.4	13.4	15.0	17.5	15.4	16.4	Minimum temperature (^{o}C)	18	19	19	17	17
0	0	0	0	0	0	0	Cloud cover (Octa)	0	0	1	6	4
86	63	56	69	69	92	92	Relative Humidity Max. (%)	51	44	52	49	38
46	47	47	37	29	54	-	Relative Humidity Min. (%)	32	29	26	27	19
5.4	3.5	5.1	6.0	6.0	3.3	1.8	Wind speed (Km/hr)	8	8.4	8.8	8.2	8.2
SW	SSW	SW	ESE	SW	Calm	Calm	Wind direction	WNW	ENE	ENE	WNW	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	4233.4

Agro-met Advisory

There is possibility of decrease in minimum temperature and sky will remain partly cloudy from 25th to 26th January, 2020.

Crop	Stage	Agro Advise
Rice	**Seedling**	• Prepare field for transplanting by puddling. At the time of puddling apply 87 kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare. • Rice seedling with 5 to 6 leaves with height of 12 to 15 cm and 35 to 40 days old are considered ideal for transplanting. • Transplant rice seedling three per hill at a spacing of 20 x 15 cm. follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling.
Lablab bean	**Flowering**	• There is possibility of incidence of pod borer on lablab bean crop which initially feed on buds and then on tender pods. If incidence is noticed, collect and destroy all infected pods and spray Quinalphos 25% EC @ 20ml of Dimethoate 30% EC@12 ml per 10 liter of water. Install birds' perches into field. • Provide irrigation to lablab bean crop where crop is in flowering stage.
Mango	**flower bud initiation to flowering**	• Due to forecast for decrease in temperature leads favourable weather for flower induction in mango. To protect the flower bud of mango 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. • To protect the inflorescence from hoppers, midge fly, thrips and powdery mildew diseases, As per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 6 ml per 10 liter of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.
Cashewnut	**Flowering**	• There is possibility of incidence of tea mosquito bugs and thrips on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @10 ml per 10 liter of water. (insecticide is not under label claim)
Sapota	**--**	• Apply second split dose of 5 kg FYM, 150 g urea, 450 g single super phosphate and 150 g muriate of potash per tree to year old sapota plant by band placement around the tree just inside the spread. Apply fertilizer dose every year by multiplying year with first year dose upto first 20 years and after 20 years, apply 100 kg FYM, 3 kg urea, 9 kg single super phosphate and 3 kg muriate of potash per tree thereafter.
Cabbage	**Vegetative**	• There is possibility of incidence of cabbage borer, cabbage aphids in cabbage crop, if incidence is noticed spray Malathion 50% EC @ 1 ml + 2.5 gram of Copper oxychloride per liter of water twice at 10 to 12 days interval.
Poultry	**--**	• Protect the poultry birds from decrease in temperature by providing curtains and electric bulbs as per the need.

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.