



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



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Weather based Agromet Advisory committee meeting dated 20.11.2020

District: KOLHAPUR

Last Week Weather Summary (14.11.2020 to 20.11.2020)							Weather Parameters	Weather Forecast (21.11.2020 to 25.11.2020)				
14	15	16	17	18	19	20	Date	21	22	23	24	25
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	4	0	0	0	0
31.0	31.3	31.8	32.0	32.4	31.0	33.1	Max. Temp. (°C)	32	33	33	31	32
15.7	16.5	17.8	18.5	20.9	19.6	19.0	Min. Temp. (°C)	21	22	21	20	19
0	0	0	6	6	2	0	Cloud Cover	7	5	5	3	4
86	79	82	90	97	93	95	Max. RH (%)	80	69	74	68	57
43	40	47	47	47	61	-	Min. RH (%)	46	40	40	44	36
1.9	1.0	1.9	1.7	1.9	2.2	2.6	Wind Speed(km/hr)	4	5	4	7	9
E	NE	NE	NE	E	N	E	Wind Direction	ESE	ESE	ENE	ENE	ENE

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is possibility of light rainfall at isolated places on 21 st November in Kolhapur district. Maximum temperature will remain nearby 31.0 to 33.0°C while minimum temperature will remain nearby 19.0 to 22.0°C. Wind speed will remain up to 04 to 09 km/hr.
General Advisory		<ul style="list-style-type: none"> ➤ Carry out weeding/hoeing in rabbi crop. ➤ Use sticker while spraying of insecticide or pesticide to crop. ➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.
SMS Advisory		<ul style="list-style-type: none"> ➤ Complete the harvesting and threshing of late maturing varieties of rice and finger millet. Keep the threshed produce at dry and safe place as light rainfall is forecasted on 21st November.
Wheat	Germination	<ul style="list-style-type: none"> ➤ Late sowing of Wheat after 15th November affects yield of wheat each fortnight delay results 2.5 quintal loss in yield thus avoid sowing after 15th December.
Maize	Vegetative growth	Control of American Fall Army Worm <ul style="list-style-type: none"> ➤ Chemical Control: 1. At the initial growth stage of larva i.e. up to the 1 to 3 instar spray the crop with 5% Neem Seed Kernel Extract @5 ml per liter of water or 2. Take the spray of Thiamethoxam 12.6%+Lambda Cyhalothrin 9.5% Z C @0.5 ml per liter of water or 3. Take the spray of Chlorantraniliprole 18.5 % S.C. @0.3ml per liter of water.
Chick pea	Germination	<ul style="list-style-type: none"> ➤ Carry out 1st hoeing after completion of 20 days sowing. ➤ Chick pea crop is very sensitive to water excess of water causes sudden wilting of crop thus give irrigation only if required and as per the requirement of crop. ➤ Use of Sprinkler irrigation is very beneficial for increase in production of crop. Sprinkler increases fertilizer use efficiency.
Cashew	Growth	<ul style="list-style-type: none"> ➤ Tea Mosquito Bug: Pest cause infestation from new flower bud initiation to fruit development stage. For control spray the plant with Lambda-Cyhalothrin 5% EC@ 6ml per 10 liters of water.
Chilli	Growth	<ul style="list-style-type: none"> ➤ For control thrips spray the crop alternately with Imidacloprid 17.8 % S.L 5ml or Fipronil 5 S.C 15 ml per 10 liter of water.
Brinjal	Growth	<ul style="list-style-type: none"> ➤ There is possibility of incidence of Jassids, Aphid and White Fly on Brinjal Plant thus to control spray the crop alternately with Phosphamidon 40% S.S. 15 ml or Fenpropathrin 30% E.C. 5ml by mixing in 10 liters of water.
Sugarcane	Preseasonal - Planting	<ul style="list-style-type: none"> ➤ Start the planting of Pre seasonal Sugarcane. Select varieties like Co.86032 (Nira), Co.M0265(Phule 265), M.S.10001 (Phule 10001), Co. 94012 (Phule Savitri), Co.C.671 (Vasant-1) for cultivation. ➤ Sets Treatment: Mix Dimethoate 30 % EC 265 ml in 100 liters of water and dip Sugarcane sets into



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		the prepared solution for 10 minutes which protects the Sugarcane from fungal diseases and mealy bugs.
	Adsali - Harvesting	<p>Carry out harvesting of Sugarcane crop according to season and maturity of Sugarcane crop. Stop irrigating crop 15 days before harvesting of matured sugarcane crop. After harvesting of Sugarcane crop immediately send harvested sugarcane to factory for crushing. Harvesting of Preseasonal sugarcane should be done within 14 to 15 months while harvesting of Adsali sugarcane should be done within 16 to 18 months after planting.</p> <ul style="list-style-type: none">➤ Management of harvested Sugarcane leaves➤ For decomposing of harvested sugarcane leaves apply 1 sack of Urea and 1 sack of Single Super Phosphate to the leaves and then apply 4 kg decomposing culture per acre for decomposing of sugarcane trash/ leaves by mixing it in cowdung slurry.
Mango	Growth	➤ Evaporation reduces 70 % of moisture from soil so carry out mulching in Mango Orchard with dry leaves, dry grass, straw (7 to 8 cm layer) which reduces soil moisture loss by evaporation.
Animals	Growth	➤ Carry out planting of fodder Crop like Maize, Oat, Barseem, Lucern and Jowar crop.

Source:

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS, KOLHAPUR)

Place : ZARS, KOLHAPUR

Date : 20.11.2020

Sd/-

**Nodal Officer, GKMS, &
Associate Director of Research,
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