



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

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Weather based Agromet Advisory committee meeting dated 07.04.2020

District: KOLHAPUR

Last Week Weather Summary (01.04.2020 to 07.04.2020)							Weather Parameters	Weather Forecast (08.04.2020 to 12.04.2020)				
01	02	03	04	05	06	07	Date	08	09	10	11	12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
38.6	38.9	39.1	39.2	38.0	38.2	38.8	Max. Temp. (°C)	38	39	39	39	39
19.5	20.1	20.5	20.3	20.3	21.6	21.7	Min. Temp. (°C)	22	23	22	23	23
1	2	2	3	1	2	1	Cloud Cover	1	1	1	1	1
59	59	64	57	55	64	68	Max. RH (%)	82	59	56	56	56
26	26	28	28	27	13	22	Min. RH (%)	30	19	24	21	21
3.8	4.6	4.9	2.6	1.9	6.7	5.8	Wind Speed(km/hr)	5	4	4	5	5
SE	SW	SW	W	NW	W	SE	Wind Direction	SW	E	NE	ENE	ESE

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		➤ Weather forecast given by IMD has indicated that there is possibility of mainly clear sky up to 12 th April in Kolhapur district. Maximum temperatures will remain up to 38.0 to 39.0 °C while minimum temperatures will remain nearby 22.0 to 23.0 °C respectively. Wind speed (kmph) will remain up to 4 to 5 km/ph.
General Advisory		<ul style="list-style-type: none"> ➤ Farmers should avoid going in crowded places and keep hygienic care of their self for protection and prevention from highly infectious Novel Coronavirus disease. ➤ At the beginning of summer carry out plantation of Subabul, Shevri, Mulberry and Gliricidia like plants around the orchard which will act as wind breaks. It will help in reducing wind speed and minimizing the evapotranspiration rate thus it will help in retaining soil moisture in orchard. ➤ Possibility of increase in maximum temperature so irrigate the summer crop as per their requirement.
SMS Advisory		➤ Possibility of mainly clear sky up to 12 th April in Kolhapur district.
Maize	Growth	<ul style="list-style-type: none"> ➤ For control of Army worm/ Spodoptera Frujiperda in Maize as soon as infestation observes collect and destroy the egg masses of FAW. ➤ Install 4 pheromone traps per acre. ➤ Install bird perches in field.
Rabbi Sorghum	Maturity	➤ Keep the harvested produce at safe place.
Groundnut	Pod development	<ul style="list-style-type: none"> ➤ Give irrigation to Groundnut crop at an interval of 8 to 10 days according to requirement of crop and considering soil type. ➤ In Groundnut for control of sucking pest spray the crop with Methyl Demeton 25 E.C. @ 10 ml in 10 liters of water. ➤ For control of tikka disease spray the crop with Mancozeb 2.5 gram or Carbendazium 1 gram mixed in 1 liter of water.
Sugarcane	Growth	➤ Apply fertilizer dose of Nitrogen @100 kg (Urea 217 kg/ha) to the Suru Sugarcane crop at the time 6 to 8 weeks after planting.
Tomato	Growth	➤ For control of Fruit borer spray the crop with Novaluron 10%EC 15 ml or Chlorantraniliprole 18.5% S.C. 3ml per 10 liter of water.



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Cucumber, Bitter gourd	Fruiting	➤ For the control of Downy mildew spray the crop with Azoxystrobin 10 ml or Cymoxanil + Mancozeb 25 gram with Sticker 10 ml by mixing in 10 liters of water.
Coconut	Growth	➤ There is possibility of increase in wind speed and intensity of solar radiation thus give support to the newly planted coconut plant and give shade with help of shadenet to protect the plant from high intensity of sunlight.
Mango	Fruit Bearing	➤ The rate of evaporation is increased thus to avoid loss of soil moisture from soil carry out mulching under fruit tree by using dry leaves, sugarcane trash etc.
Cashew	Harvesting	➤ Carry out harvesting of matures cashew nuts. Dry them in sunlight and store at safe place.
Animals	Growth	➤ Keep the animals in shade. Give cool, clean and pure water to animals. ➤ Give the wormicide Fenbendazol to goats for the protection of goats from Strongyle roundworms by the advice from nearest Veterinary doctor. ➤ Carry out vaccination in Sheep's in April month for the protection of sheep from Small Pox disease. ➤ Allow Buffalo for wallowing in water as they have fewer sweat glands compared to cattle to maintain their body's thermo equilibrium. Water soaked gunny bag or other cloth should kept on a body to avoid occurrence of heat stroke.

Source:

- 1) Weather Forecast : Research Section, Mumbai
2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Date : 07.04.2020

Sd/-
Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur