



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.



Ph. No. (02189)233001

E-mail: damu.kvkmohol@gmail.com

78) Weather based Agromet Advisory committee meeting dated 26.02.2021

District: Solapur

Last Week Weather Summary (20.02.2021 to 26.02.2021)							Weather Parameters	Weather Forecast (27.02.2021 to 03.03.2021)				
20	21	22	23	24	25	26	Date	27	28	01	02	03
--	--	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
30.0	31.1	31.7	32.4	34.7	35.4	36.1	Max. Temp. (°C)	37.0	37.0	37.0	37.0	37.0
14.9	18.1	13.8	16.1	17.6	19.0	20.5	Min. Temp. (°C)	21.0	21.0	22.0	21.0	21.0
Partially Cloudy	Partially Cloudy	Clear	Clear	Clear	Clear	Clear	Cloud Cover	Partially Cloudy	Clear	Clear	Partially Cloudy	Partially Cloudy
59	62	77	63	47	49	47	Max. RH (%)	28	24	21	20	21
38	29	39	24	26	24	22	Min. RH (%)	13	11	11	11	11
3.7	4.8	6.3	3.7	3.7	3.4	3.7	Wind Speed(km/hr)	15.0	15.0	15.0	15.0	15.0

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department weather may remain dry during 26 th February to 02 nd March 2021 in the district. Maximum temperature will be 37 ^o c, Minimum temperature will be 21 ^o c to 22 ^o c and wind speed will be from 15 km/h.
General Advisory		<ul style="list-style-type: none"> ➤ Harvest mature rabi crops like sorghum, gram, wheat, safflower etc. ➤ Harvested crops should be threshed and stored in a safe place. ➤ Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast ➤ Also, farmers should download and make use of use of Damini mobile app for lightning and thunderstorm warning and forecasting.
SMS Advisory		Harvest mature rabi crops like sorghum, gram, wheat, safflower etc.
Safflower	Harvesting	Rabi safflower should be harvested by combine harvester. If safflower seeds are to be used next season, the fan speed of combine harvester should be 600 to 700 R.P.M. The grains should be kept clean and dried in the sun and stored in a dry place.
Wheat	Harvesting	If the rainfed wheat is mature, it should be harvested. Harvested crops should be threshed and stored in a safe place. Apply propiconazole mixed 1 ml in per liter of water and spray twice at an interval of 15 days as soon as the rust disease appears on the late sown wheat crop.
Chick pea	Harvesting	The Chick pea crop is ready in 110 to 120 days. Harvesting should not be done when the crop is moist. When pods are harden and dried, the gram should be harvested and threshed. After this the grains should be sun dried for 6-7 days. Store the gram in safe place. Add 5% Neem leaves to prevent it from pests. If pod borer found in irrigated chick pea, spray Imamectin benzoate (5 SG) @ 0.4 gm per liter of water.
Summer Sunflower		It is very important to irrigate the summer sunflower crop at sensitive stages. Water stress should not be allowed at Sensitive stages of sunflower that is 1. Seedling Stage 2. Pre flowering stage 3. Flowering stage 4. Grain filling stage. When water stress from flowering stage to seed filling stage, the seeds remains hollow and the yield decreases.



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.



Ph. No. (02189)233001

E-mail: damu.kvkmohol@gmail.com

Sugarcane	Pre Seasonal Sugarcane – Fertilizer Managaement	<p>For more production of sugarcane, efficient use of water and fertilizers, more economic benefits recommended 80% of water soluble fertilizers should be given once a week in this way in 26 installments through drip irrigation.</p> <p>Schedule for application of soluble fertilizers by drip irrigation to pre-seasonal sugarcane crop (per week per hectare):</p> <p>For 1 to 4 weeks Nitrogen 30 kg, Phosphorus 9 kg, Potash 9 kg.</p> <p>For 5 to 9 weeks Nitrogen 70 kg, Phosphorus 32 kg, Potash 14 kg.</p> <p>For 10 to 20 weeks Nitrogen 100 kg, Phosphorus 51 kg, Potash 32 kg</p> <p>For 21 to 26 weeks Potash 37 kg</p>
Rabi Sorghum	Harvesting stage	<p>Harvesting should be done as soon as the following symptoms appear in rabbi sorghum: At the time of sorghum harvest, the grains in the ear become firm.</p> <p>If you try to eat the seeds, when you first explode, there is a sound like a ton and the sorghum becomes flour. Also, a closer look at the sorghum reveals a black spot near the end of the seed. Also, the threshed grains should be dried two to three times in sunlight (moisture content of the grains should be less than 10%).</p>
Groundnut		<p>If gaps are found after sowing, seed should be sown and filled immediately. At intervals of 10 to 12 days, 2 to 3 hoeing should be done and 2 weeding should be given. Summer groundnuts should be irrigated during flowering stage (20 to 30 days after sowing), peg initiation stage (40 to 45 days) and pod filling stage (65 to 70 days).</p> <p>Give one irrigation 4 to 5 days after sowing of summer groundnut so that the remaining seeds germinate. Then irrigate 10 to 12 times at intervals of 8 to 10 days as per soil types. Water stress should not be allowed during the period of sowing and pod filling.</p>
Water Melon	Vegetative Growth Stage	<p>The infestation of leaf miner attack for its control spray profenofos 20ml per 10 liter o water. For control of fruit fly erect 5 Qulure pheromone traps per acre.</p>
Pomegranate	Fruit Maturity	<p>Spray Boric Acid (2 gm/l) + Zinc Sulphate (2.5 gm/l) + quick lime (1.25gm/l gm)+ Mancozeb (2.5 gm/l) immediately after rain. After 1 week of above spray Urea(2.5 - 5gm /l)+ Carbendazim(1gm/l) + (in bacterial blight affected orchards) streptocycline / Bronopol (0.5gm/l) After 10-12 days of above, a spray of chelated micronutrients @ 2-3g/l.</p> <p>In case of high infestation of juice sucking insects in pomegranate orchard, spray Lambda Cyhalothrin (5 EC) 0.6 ml or Cyanatraniliprol (10.26 OD) 1.8 ml or Thimethoxam (25 WG) + spreader sticker per liter of water.</p>
Banana	Fruit Development	<p>As per requirement give support of bamboo sticks or polypropelene sticks to the plants and banana bunch which is big. For control of thrips the banana bunches should be covered with 6% perforated polythene bags. For control of aphids spray diamethoate 20 ml per 10 liter of water. Cultivation of crops such as cucumber, gourd, watermelon, muskmelon, chili, brinjal etc. should be avoided in banana plantation.</p>
Grapes	Berry Development	<p>Due to present diurnal temperature variation which may lead to infestation of mealybug attack for its control spray buprofezin 25 % SC 15 ml of Verticillium leccani 50 gm + 50 ml milk per 10 liter of water.</p>
Animal Management		<p>As the summer season is approaching the arrangement for green fodder to the cattles should be made by sowing fodder crops like sorghum, pearl millet, maize as per availability of water. Due to liver fluke disease animal's intake of feed is reduced. Swelling is observed on lower jaw. In severe condition animal may die. Hence it is most important to give wormicide medicine to animals by consulting veterinary doctor.</p>



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET
UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.



Ph. No. (02189)233001

E-mail: damu.kvkmohol@gmail.com

		Always give clean drinking water to animals. For goats to control liver fluke worm give fenbendazil wormicide by consulting veterinary doctor. For control and prevention of diseases all animals should be given medicine in consultation with veterinary doctor and always give clean drinking water to cattle. The cattles should be avoided by over feeding of sugarcane trash. Per day about 8 kg of green sugarcane trash along with green fodder and dried fodder should be given. The silage and 25 to 30 gm salt mixture is essential to be given to animals.
--	--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Source:

- 1) Weather Forecast : Research Section, Mumbai.
2) Last week weather summary : Zonal Agriculture Research Station, Solapur.

Place : Krishi Vigyan Kendra, Mohol.

Date : 26th February 2021

Sd/-

**Nodal Officer, DAMU, Krishi Vigyan Kendra, Mohol,
Solapur.**