



AGROMET ADVISORY BULLETIN

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



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40) Weather based Agromet Advisory committee meeting dated-16.10.2020

District: Solapur

Last Week Weather Summary (10.10.2020 to 16.10.2020)							Weather Parameters	Weather Forecast (17.10.2020 to 21.10.2020)				
10	11	12	13	14	15	16	Date	17	18	19	20	21
0.0	20.2	24.2	16.4	59.6	82.0	6.3	Rainfall (mm)	7.0	2.0	18.0	25.0	23.0
35.8	35.2	30.1	31.4	31.2	26.6	25.4	Max. Temp. (°C)	26.0	27.0	29.0	30.0	30.0
23.2	22.4	21.3	20.3	20.0	20.6	20.9	Min. Temp. (°C)	22.0	23.0	23.0	23.0	23.0
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloud Cover	Cloudy	Cloudy	Cloudy	cloudy	cloudy
83	87	85	98	85	85	93	Max. RH (%)	90	84	87	91	90
48	85	83	81	64	85	69	Min. RH (%)	67	55	54	66	61
0.0	0.0	0.0	3.1	3.7	1.9	8.0	Wind Speed(km/hr)	10.0	10.0	14.0	14.0	21.0

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		<p>According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department there is possibility of rainfall at isolated places on 16th and 17th October and at Few places (Scattered) on 18th, 19th and 20th October 2020 in the district. Maximum temperature will be 26⁰c to 30⁰c, Minimum temperature will be 22⁰c to 23⁰c and wind speed will be from 10 to 21 km/h.</p> <p>Warning: There is possibility of Thunderstorm accompanied with lighting and rainfall at Isolated places on 19th and 20th October 2020.</p>
General Advisory		<ul style="list-style-type: none"> ➤ Due to heavy rainfall received during last four days and forecast of rainfall for next five days, precaution should be taken so that water may not stagnate in crop. Management practices should be adopted to remove excess amount of water from crop/orchard. ➤ As there is possibility Thunderstorm accompanied with lighting and rainfall proper precaution should be taken by farmers of themselves and the cattle's and animals should be kept at safe place. ➤ As rainfall is forecasted carry out harvesting of matured kharif crops (Maize, Groundnut and Soyabean) within time and keep the harvested produce at protected place. ➤ The spraying of pesticide, insecticide should be done considering the forecasted rain and preferably when there is no rain. ➤ The rainfall received should be percolated and saved in the farm itself by various water harvesting and conservation techniques. ➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.
SMS Advisory		<p>Due to heavy rainfall received during last four days and forecast of rainfall for next five days, precaution should be taken so that water may not stagnate in crop. Management practices should be adopted to remove excess amount of water from crop/orchard.</p>



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Sugarcane	Pre seasonal sugarcane Planting	After rainfall precautions should be taken so that water may not stagnate in crop. Management practices should be done to drain out excess amount of water from adsali sugarcane crop. Pre seasonal sugarcane is planted between 15 th October to 15 th November. CO-86032 (Nira), CO-94012 (Savitri), CO-8014, CO.M-0265 (Phule265), Phule-10001 varieties are recommended for cultivation.
Pigeon Pea	Flowering stage	After rainfall precautions should be taken so that water may not stagnate in crop. Management practices should be done to drain out excess amount of water from Pigeon pea crop.
Rabi Sorghum		After rainfall precautions should be taken so that water may not stagnate in crop. Management practices should be done to drain out excess amount of water from Rabi sorghum crop.
Maize	Maturity and Harvesting	After rainfall precautions should be taken so that water may not stagnate in crop. Management practices should be done to drain out excess amount of water from maize crop. Carry out harvesting of matured crop should be done after rain have stopped and store a harvested grains at safe place.
Groundnut	Maturity and Harvesting	After rainfall precautions should be taken so that water may not stagnate in crop. Management practices should be done to drain out excess amount of water from groundnut crop. Carry out harvesting of matured crop should be done after rain have stopped and store a harvested pods at safe place.
Banana	Growth Stage	After rainfall precautions should be taken so that water may not stagnate in orchard. Management practices should be done to drain out excess amount of water from banana orchard.
Pomegranate	Fruit Maturity	After rainfall precautions should be taken so that water may not stagnate in orchard. Management practices should be done to drain out excess amount of water from pomegranate orchard.
Grape	Pre Pruning Stage	After rainfall precautions should be taken so that water may not stagnate in orchard. Management practices should be done to drain out excess amount of water from grape orchard.
Animal Management		The open grazing animals feed grasses grown in the monsoon then there digestive systems get disturbed and they may suffer by Diarrhoea. So the proportion of dry fodder feed should be increased comparatively during rainy season. Care should be taken to avoid water stagnation around the cattle shed and also, avoid wetness inside the cattle shed. It is most important to give wormicide medicine to animals by consulting veterinary doctor. Always give clean drinking water to animals. For control and prevention of diseases all animals should be given vaccine and medicine in consultation with veterinary doctor.

Source:

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

Place : Krishi Vigyan Kendra, Mohol.

Date : 16th October 2020

Sd/-

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



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