



AGROMET ADVISORY BULLETIN

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



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50) Weather based Agromet Advisory committee meeting dated-20.11.2020

District: Solapur

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)	7.0	4.0	2.0	0.0	0.0
34.2	34.6	34.6	35.1	35.2	33.8	32.7	Max. Temp. (°C)	34.0	34.0	32.0	32.0	32.0
19.9	19.2	21.0	21.6	21.3	21.7	20.6	Min. Temp. (°C)	19.0	19.0	18.0	16.0	16.0
Clear	Clear	Clear	Clear	Partially Cloudy	Cloudy	Partially Cloudy	Cloud Cover	Cloudy	Cloudy	Cloudy	Partially Cloudy	Partially Cloudy
70	68	70	71	70	79	85	Max. RH (%)	66	68	64	52	43
45	34	31	33	37	44	48	Min. RH (%)	38	40	47	36	27
1.9	1.9	1.8	1.8	1.9	3.7	4.2	Wind Speed(km/hr)	10.0	9.0	12.0	11.0	11.0

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 there is possibility of rainfall at isolated places on 20 th , 21 st and 22 nd November 2020 in the district and weather may remain dry during 23 rd and 24 th November 2020. Maximum temperature will be 32 ^o c to 34 ^o c, Minimum temperature will be 16 ^o c to 19 ^o c and wind speed will be from 09 to 12 km/h.
General Advisory		<ul style="list-style-type: none"> ➤ Kharif crops should be harvested and threshed considering the forecasted rain and preferably when there is no rain and keep it at safe storage place at proper time to avoid losses by rains. ➤ The spraying of pesticide, insecticide should be done considering the forecasted rain and preferably when there is no rain. ➤ Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then proper pest and disease management should be done. ➤ Farmers should download “Meghdoot” android application on mobile for Agromet Advisory Services and “Damini” android application for forecast of lightening.
SMS Advisory		Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then proper pest and disease management should be done.
Sugarcane	Pre seasonal sugarcane Planting	Start the planting of pre seasonal sugarcane only after soil in wapsa condition. Pre seasonal sugarcane is planted between 15 th October to 30 th November. CO-86032 (Nira), CO-94012 (Savitri), CO-8014, CO.M-0265 (Phule265), Phule-10001 varieties are recommended for cultivation. Sugarcane seed (setts) treatments: To prevent the seed setts being attacked by fungal diseases and insect, the seed setts are dipped into dimethoate 30% 26.3 ml solution + 10 gms of carbendazim before planting for 10



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		minutes. For Adsali sugarcane: - Give fertilizers dose of Nitrogen (Urea 87 kg) per hectore after completion of 12 to 16 weeks of planting of Adsali sugarcane.
Wheat	Germination	Late sowing of wheat after 15 th November affects yield of wheat each fortnight delay results 2.5 quintal loss in yield thus avoid sowing after 15 th December. Carry out one or two weeding as per requirement after sowing. For proper growth and development of crop the field should be kept weed free from the beginning.
Rabi Sorghum	Growth Stage	If the infestation of Fall Army Worm is more than 10% for its control take a spray of Spinothram 11.7% SC @ 5 ml OR Thiamethoxam 12.6% + lambda - cyhalothrin 9.5% ZC @2.5 ml per 10 liter of water.
Maize	Growth Stage	If the infestation of Fall Army Worm is more than 10% for its control take a spray of Spinothram 11.7% SC @ 5 ml OR Thiamethoxam 12.6% + lambda - cyhalothrin 9.5% ZC @2.5 ml per 10 liter of water.
Pigeon Pea	Pod Filling stage	Spray the crop with 2.5 ml Spinosad 45 SC in 10 liters of water for the control of pod borer (<i>Helicoverpa armigera</i>). For the control of Maruca caterpillar, spraying of Azadirachtin 1500 ppm @ 50 ml per 10 litres should be carried out on flowers of pigeon pea. If the incidence of pod borer observed on flower then spray HaNPV @10 ml per 10 liter of water
Chick pea	Growth Stage	The field should be kept weed free from the beginning for vigorous growth of gram crop. The first hoeing should be done after 20 days of harvest. The second hoeing should be done when the crop is one month old. Hoeing should be done on <i>wapsa</i> condition. A hand weeding should be done after hoeing.
Onion	Growth Stage	In Onion crop for control of blight disease take spray of dithane M-45 (0.3%) OR tebuconazole (0.1%) per 10 litre of water.
Pomegranate	Hast bahar Insect Pest Management	Flowering: Spray Azadirachtin/Neem oil 1% (10000ppm + Pongamia oil @ 3+ 3ml/l or Spinetoram 12% SC @ 1.0 or Spinosad 45% SC @ 0.5ml/l + 0.25 ml spreader sticker/l water. Fruit setting/ development stage: Cyantraniliprole (Benevia) or Chlorantraniliprole (Coragen) 18.5 SC or Tolfenpyrad 15 % EC or Flonicamid 50% WG (Ulala) @ 0.75-1.0 ml/l + 0.25 ml of spreader sticker/ l water.
Grapes	Flowering to setting stage	Do not apply any nitrogen based fertilizer just before Flowering to Setting stage to avoid problems of kooj (inflorescence necrosis). Manage canopy for adequate sunlight and air movement within the canopy for avoiding/ minimizing problems of kooj (inflorescence necrosis). If Sulphate of Potash (SOP) not applied, then apply 15 kg Sulphate of Potash (SOP) in case low temperature and cloudy conditions forecasted during flowering stage.
Animal Management		Always give clean drinking water to animals. In milch animals diet add mineral concentrates according to body weight.

Source:

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



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Place : Krishi Vigyan Kendra, Mohol.

Date : 20th November 2020

Sd/-

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