



# 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](mailto:damu.kvkmohol@gmail.com)

### 136) Weather based Agromet Advisory committee meeting dated 17.09.2021

#### District: Solapur

Last Week Weather Summary (11.09.2021 to 17.09.2021)							Weather Parameters	Weather Forecast (18.09.2021 to 22.09.2021)				
11	12	13	14	15	16	17	Date	18	19	20	21	22
1.0	1.2	1.6	0.0	0.0	0.0	0.0	Rainfall (mm)	2.0	0.0	3.0	3.0	8.0
32.2	31.4	31.1	32.6	33.4	33.6	33.1	Max. Temp. (°C)	34.0	34.0	33.0	32.0	32.0
20.6	20.7	21.1	23.0	20.6	20.6	21.6	Min. Temp. (°C)	21.0	22.0	23.0	22.0	22.0
Cloudy	Cloudy	Cloudy	Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Cloud Cover	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
87	85	86	89	87	72	85	Max. RH (%)	84	82	79	83	83
69	82	79	74	59	47	56	Min. RH (%)	52	46	45	53	56
8.4	9.2	9.3	8.3	3.7	3.7	8.6	Wind Speed(km/hr)	11.0	11.0	12.0	14.0	15.0

#### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to forecast given by India Meteorological Department, there is possibility of rainfall at Isolated Places during dt. 17 <sup>th</sup> September to 22 <sup>nd</sup> September 2021 in the district. Maximum temperature will be 32°C to 34°C; Minimum temperature will be 21 °C to 23 °C and wind speed will be from 11 km/h to 15 km/h.
ERFS		As per ERFS product maximum temperature may be below normal, minimum temperature may be normal and rainfall may normal in Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur and Kolhapur) during 19th September to 25th September 2021.
General Advisory		<ul style="list-style-type: none"> <li>➤ Due to the possibility of rain, keep harvested crops in safe place/ shed or covered with plastic paper.</li> <li>➤ As rainfall is forecasted carry out harvesting of matured kharif Green gram, Black gram within time and keep harvested produce at protected place.</li> <li>➤ The spraying of pesticide, insecticide should be done considering the forecasted rain and preferably, when there is no rain.</li> <li>➤ Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.</li> <li>➤ Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast.</li> <li>➤ Also, farmers should download and make use of use of Damini mobile app for lightning and thunderstorm warning and forecasting.</li> </ul>
SMS Advisory		Pre-sowing works should be start for rabi planning. (checking of seed germination capacity, planning of quality and certified seed, land preparation)
Pigeon Pea	Branching to Flowering Stage	In pigeon pea if the infestation of Sterility mosaic disease observed then remove the infected plants and destroy it. Or Spray the crop with 2 ml fenazaquin 10 EC per lit of water. Install pheromone traps @ 5/ha at a distance of 50m for monitoring of pod borer ( <i>Helicoverpa armigera</i> ). During flowering stage of pigeon pea crop, spray of 5% NSKE or Azadiractine 0.03% (300 ppm) 5 ml per liter of water as a precautionary measure.



## 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](mailto:damu.kvkmohol@gmail.com)

Soybean	Pod filling	Due to current cloudy weather condition if leaf-eating caterpillar (Spodoptera) infestation reached the level of economic loss. Spray S.L.N.P.V. 500 LE or Dyflos 76% EC or Indoxacarb 15.8% EC 6.6 ml in 10 liters of water in a clean and clear weather. The caterpillar become infected and dies from the use of Nomuria relayi fungus.
Maize	Tasseling and Silking	<b>Cob Borer:</b> For prevention of infestation spread Trichogramma chilonis egg parasitoids in the field at silking stage. If infestation of American Fall Army Worm observes then carry out spraying of one of the insecticide mentioned below. Chlorantraniliprole 18.5% SC insecticide @ 0.4 ml per litre of water. Or Spinetoram 11.7% SC @0.5 ml per litre of water. Or Emamectin Benzoate 5% SG @0.4 gram per litre of water.
Sugarcane	Growth stage	Give fertilizer dose of Nitrogen @ 200kg Nitrogen (434 kg Urea) to 6 to 8 weeks age Adsali Sugarcane variety Co.86032 which is second dose and is of 40% of recommended dose of Nitrogen (500:200:200kg N:P:K/ha), for other varieties give fertilizer dose of Nitrogen @ 160kg Nitrogen (347 kg Urea) to 6 to 8 weeks age Adsali Sugarcane which is second dose and is of 40% of recommended dose of Nitrogen (400:170:170kg N:P:K/ha)
Rabi Sorghum		Rabi sorghum should be sown from 15 <sup>th</sup> September to 15 <sup>th</sup> October at 5 cm depth. For sowing of Rabi Sorghum improved varieties, biofertilizer, fertilizers etc. should be planned. For the sowing of Rabi Sorghum select following recommended improved / hybrid varieties according to the type of soil. <b>For light soil</b> Phule Anuradha, Phule Mauli <b>For medium soil</b> Phule Suchitra, Phule Mauli, Phule Chitra, Parbhani Moti, Maldandi-35-1 <b>For Heavy soil</b> Phule Vasudha, Phule Yashoda, CSV- 12, PKV- Kranti, Parbhani Moti, <b>Hybrid varieties:</b> - CSH-15, CSH - 19 <b>For irrigated purpose</b> Phule Revati, Phule Vasudha, CSV-18, CSH-15 and CSH-19 <b>For Hurda purpose</b> Phule Uttara, Phule Madhur, <b>For Sorghum Pops</b> Phule Panchami <b>For Papad purpose</b> Phule Rohini. It is necessary to keep 1.48 lakh seedlings per hectare to get the expected yield of rabi sorghum. For this rabi sorghum sowing should be done at a distance of 45 x 15 cm. For seed treatment apply 4 gm of sulphur (300 mesh powder) per kg of seed before sowing. Also seed treated with 25 gm of Azotobacter and P. S. B after processing of bacterial culture use 10 kg seed per hector.
Rabi safflower		Rabi safflower should be sown from the second fortnight of September to the first week of October when there is sufficient moisture in the soil. For sowing of rabi safflower varieties, biofertilizer, fertilizer etc should be planned. Straight / hybrid varieties recommended for sowing of safflower should be selected. For sowing in dryland areas of safflower, straight varieties like Bhima, Phule Kusuma, Phule Kardai-733 should be selected. For dryland as well as irrigated safflower S.S. F.-708, Phule Chandrabhaga (S. S. F. 748), S. S. F.12-40 those straight varieties should be selected. While Nari N.H. -1 hybrid variety should be selected.
Chickpea	Land preparation	Land preparation should be done for sowing of rainfed chickpea crop. Collect the stubbles of kharif crop. Sowing of rainfed chickpea crop should be done from 20th September onwards.
Pomegranate	Fruit enlargement stage	If orchard has bacterial blight history take spray of streptomycin sulphate 90% + tetracycline hydrochloride 10% (Streptocycline) @ 0.5g/L once a month and at 7-10 days' interval from bronopol. Avoid too many sprays, if rain is there, take an



**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](mailto:damu.kvkmohol@gmail.com)

		additional spray of streptocycline + copper.
<b>Banana</b>	<b>Vegetative Growth Stage</b>	Due to present cloudy, hot and humid weather the incidence of blast (Sigatoka) disease may occur and for its control destroy the part of leaf or full leaf of plants. When the incidence is noticed spray Propiconazole 5 ml and mineral oil 100 ml per 10 liter of water when there are no rains. Repeat two sprays at an interval of 20 days.
<b>Animal Management</b>		The roads, byres and grazed lands become mainly marshy due to consistent rainfall. The condition is congenial for foot rot, especially in crossbred cattle, sheep, goat and the animals with white hooves. Hoof trimming and soaking of hooves in foot bath of 10% zinc sulphate solution for 15 minutes is recommended to recover the hoof rot. Cooper sulphate can also be used for foot bath. The moist condition is congenial for cold, pneumonia, etc. Maintain dryness in byre. Provide bedding of dry grasses, empty gunny bags to animals in byre. Dust the wet surface with lime powder. Keep the byres warm by smudging. Avoid use of the fodder, oilseed cakes affected with the green, black fungal growth. Prevent the fodder from rains by using plastic paper covering. Protect the animals from mosquitoes and flies. The cattle or other livestock should not be sent to graze in the open, and should be given close attention.

**Source:**

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

**Place : Krishi Vigyan Kendra, Mohol.**

**Date : 17<sup>th</sup> September 2021**

**Sd/-**

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