



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR
ZONAL AGRICULTURAL RESEARCH STATION,
SHENDA PARK, KOLHAPUR



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Weather based Agromet Advisory committee meeting dated 23.09.2022

District: SATARA

Last Week Weather Summary (17.09.2022 to 23.09.2022)							Weather Parameters	Weather Forecast (24.09.2022 to 28.09.2022)				
17	18	19	20	21	22	23	Date	24	25	26	27	28
-	-	-	-	-	-	-	Rainfall (mm)	6	3	8	10	2
-	-	-	-	-	-	-	Max. Temp. (°C)	29	30	31	32	33
-	-	-	-	-	-	-	Min. Temp. (°C)	20	20	21	21	21
-	-	-	-	-	-	-	Cloud Cover	3	3	3	3	4
-	-	-	-	-	-	-	Max. RH (%)	94	94	94	92	91
-	-	-	-	-	-	-	Min. RH (%)	60	63	60	58	57
-	-	-	-	-	-	-	Wind Speed(km/hr)	15	14	13	13	12
-	-	-	-	-	-	-	Wind Direction	WSW	WSW	WSW	W	W

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is possibility of cloudy sky from 24 th to 28 th September and possibility of light rainfall at isolated places from 24 th to 28 th September in Satara district. During next 5 days Maximum temperatures will remain nearby 29.5 to 32.5 ^o C and minimum between 20.0 to 21.0 ^o C respectively. Morning relative humidity will remain between 91 to 94% and Afternoon relative humidity will remain 57 to 63%. Wind speed will remain from 11.7 to 14.6 km/hr. According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain above normal, maximum temperature remain normal and minimum temperature will also remain normal valid from 25 th September to 1 st October, 2022.
General Advisory		➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightning.
SMS Advisory		➤ Carry out vaccination to all healthy animals in September month for prevention from Foot and Mouth disease.
Rice	Tillering to panicle initiation	➤ Keep the water level in rice field 3 to 5 cm at the tillering stage and 5 to 10 cm at stem elongation stage. ➤ For biological control of leaf roller spread adults of Trichogramma chilonis @1 Lakhs per hector spread adults for 4 times with interval of 1 week. ➤ For control of hoppers spray the crop with Imidacloprid 20S.L (125ml). or Thiamethoaxam 25 W.G.(100 gram) per hector of crop.
Maize	Flowering	➤ 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.
Soybean	Flowering to pod filling	As the observed and forecasted maximum temperature is between 28 to 32 °C, minimum between 20-23 °C and RH-I above 90% there is possibility of incidence of Leaf eating Caterpillar in soybean thus to control use following practices. ➤ As a preventive measure install 5 Pheromone traps per hector by using Spodoleure. ➤ Take the spray of S.L.N.P.V 500 L.E.or Indoxacarb 15.8 %E.C. 6.6 ml through 10 liters of water.
Green gram	Maturity	➤ Carry out harvesting of matured early sown Green gram and Black gram crop and keep the harvested produce at safe place as rainfall is forecasted.
Sugarcane	Growth	➤ 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



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		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).
Onion	Sowing	➤ Carry out sowing of rabbi (rangada) onion. Use Baswant 780, Phule Samarth and N-2-4-1 varieties sowing. Spacing:15x10cm, Seed treatment: Apply Azospirillum and P.S.B culture 25 gram per kg of seed before sowing.
Livestock	“Lumpy” skin disease	“Lumpy skin disease Reasons This disease originates from the "Capripox" virus. This virus is related to Devi disease of Goat and Sheep. Care to be taken by farmers ➤ Keeping infected animals separate from healthy animals. ➤ Banning any potentially diseased animal from entering the herd of healthy animals. ➤ Prohibition of joint release of infected and healthy animals in the pastures of disease-infested villages. ➤ Control of mosquitoes, ticks and similar insects. Also, applying anti-bite medicine to healthy animals and spraying the medicine in the cowshed. ➤ Prohibition of movement of animals from endemic areas to non-endemic areas as well as local markets. Preventive measures ➤ Immediately contact the nearest veterinary clinic and get treatment. ➤ If the tumor on the skin turns into a wound, apply medicated ointment to the wound as directed by the veterinarian to prevent germs from entering the wound. ➤ Goat pox vaccine should be administered on the advice of a veterinarian to control lumpy skin disease.

Source:

1) Weather Forecast : Research Section, Mumbai

2) Last week weather summary : IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Sd/-

Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur

Date :24.09.2022