



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

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Weather based Agromet Advisory committee meeting dated 23.09.2021

District: SANGLI

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	4	7	2
-	-	-	-	-	-	-	Max. Temp. ($^{\circ}$ C)	30	30	31	32	33
-	-	-	-	-	-	-	Min. Temp. ($^{\circ}$ C)	21	21	21	22	22
-	-	-	-	-	-	-	Cloud Cover	3	2	4	3	4
-	-	-	-	-	-	-	Max. RH (%)	92	92	91	89	88
-	-	-	-	-	-	-	Min. RH (%)	56	59	55	53	50
-	-	-	-	-	-	-	Wind Speed(km/hr)	19	18	16	15	15
-	-	-	-	-	-	-	Wind Direction	WSW	WSW	WSW	W	W

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		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 Sangli district. During next 5 days Maximum temperatures will remain nearby 30.0 to 33.0 and minimum nearby 21.0 to 22.0 $^{\circ}$ C respectively. Morning relative humidity will remain between 88 to 92% and Afternoon relative humidity will remain 50 to 59%. Wind speed will remain between 15 to 19 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 lightening.
SMS Advisory		Carry out vaccination to all healthy animals in September month for prevention from Foot and Mouth disease.
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.
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	Pod formation	As the observed and forecasted maximum temperature is between 28 to 32 $^{\circ}$ C, minimum between 20-23 $^{\circ}$ 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.
Turmeric	Vegetative growth	Rhizome fly: Infestation observes during July to September month ➤ Cover the opened rhizomes with the soil. Timely carry out earthing up. ➤ Take 200 gram coarse castor seed in container and mix 1.5 litter water into it and mix well. Prepare 6 container likewise for 1 hector of crop. Allow the mixture to soak for 8 to 10 days. Typical smell comes through that mixture which attracts the Rhizome flies and later on fly dies. This control measure used for organic turmeric production which is very effective and require low cost for preparation.
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



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		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).
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 <ul style="list-style-type: none">➤ 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 <ul style="list-style-type: none">➤ 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/-

Date :23.09.2022

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