



AGROMET ADVISORY BULLETIN

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45) Weather based Agromet Advisory committee meeting dated 04.08.2020

District: Nashik

Last Week Weather Summary (28.07.2020 to 03.08.2020)							Weather Parameters	Weather Forecast (05.08.2020 to 09.08.2020)				
28	29	30	31	01	02	03	Date	05	06	07	08	09
19.4	15.8	4.0	0.0	10.8	16.2	2.2	Rainfall (mm)	234	234	176	29	37
25.4	27.4	28.4	28.6	28.8	29.4	29.0	Max. Temp. (°C)	27	27	28	28	29
21.6	21.6	22.4	22.4	21.6	22.0	21.4	Min. Temp. (°C)	23	24	24	25	24
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloud Cover	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
98	100	98	77	87	97	97	Max. RH (%)	91	93	92	90	89
98	90	77	78	78	94	95	Min. RH (%)	70	77	81	77	72
4.4	3.0	3.2	3.6	4.5	4.1	5.9	Wind Speed (km/hr)	27	12	18	14	16

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Cloudy conditions may remain occur during next 5 days. Extremely heavy to moderate rain is expected during next five days at isolated places.
General Advisory		<ol style="list-style-type: none"> 1) Intercultural operations and weed management should be done after the rainfall stops and weather is clear in early (timely) sowing crops. (Paddy, Little Millet, Finger Millet, Cotton, Pigeon pea, Soybean, Green Gram, Black Gram, Pearl Millet, Sunflower) 2) Management should be done to store the falling rain water in field. 3) In case of manual field operations, accomplish the operation in 4-5feet spaced strips assigning one strip to one person. This will ensure adequate social distance to engaged labours. Agricultural machinery should be sanitized frequently. Farmer should use face mask. 4) Pesticides and fungicides should be sprayed after the rainfall stops and weather is clear.
SMS Advisory		Considering the heavy rainfall, postpone the intercultural and plant protection measures. Conserve and store the falling rain water.
Paddy	Vegetative Phase – Tillering Stage	<ol style="list-style-type: none"> i) Management should be done to store the falling rain water into the field of transplanted crops. ii) Considering the rainfall situation, it is advised to postpone the spray of Methyl Demeton 40 SL at the rate of 250 ml per hectare into 500 liter of water for 4 to 5 days for the control of Brown Plant Hopper. iii) Maintain the water level up to 1 to 2 cm after transplanting up to stabilization of seedlings and 2 to 3 cm during the primary growth stage of seedlings.
Little Millet/ Finger Millet	Vegetative Phase – Tillering Stage	Considering the rainfall situation, it is advised to postpone the spray of Acetamipride 20 % SL at the rate of 200 ml into the 500 liter of water for the control of sucking pests like aphids and jassids for 4-5 days.



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Maize	Vegetative Phase - Early cob development	Considering the rainfall situation, it is advised to postpone the operations of fertilizer top dressing and control measures against American fall armyworm.
Soybean	Vegetative Phase – Intermediate branching & flowering	Considering the rainfall situation, it is advised to postpone the spray for 4-5 days for the management of Girdle Beetle of Etofenprox 10 % EC at the rate of 1100 ml or Lambda cyhalothrin 5 % EC at the rate of 300 ml into the 500 liter of water should be done.
Green Gram	Reproductive phase – flowering	Considering the rainfall situation, it is advised to postpone the spray for management of Leaf Crinkle Virus. As there is incidence of Leaf Crinkle Virus, due to increase in vector population of sucking pests like white fly, jassids and thrips So for the management of these vectors spraying of Imidaclopride 17.8 SL at the rate of 500 ml per hectare in to the 500 liter of water.
Cotton	Vegetative phase – square formation	i) Considering the rainfall situation, it is advised to postpone the spray of 5 % Neem Seed Kenel Extract or Azadirachtin 10000 ppm at the rate of 500 ml per hectare in to the 500 liter of water for management of bollworm complex. ii) Replace the lures in pheromone traps after every 3 weeks regularly.
Onion	Nursery	Considering the rainfall situation, it is advised to postpone the sowing of rabi season crop (Rangada onion) for 4-5 days, then after the seeds should be sown on raised bed. Improved Varieties : Baswant 780, Phule Samarath, N-2-4-1

Source:

- 1) Weather Forecast : Research Section, Mumbai
2) Last week weather summary : GKMS Observatory, ZARS, Igatpuri, Dist. Nashik.

Place : ZARS, Igatpuri
Date : 04.08.2020

Sd/-
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Associate Director of Research
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