



AGROMET ADVISORY BULLETIN

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71) Weather based Agromet Advisory committee meeting dated 03.11.2020

District: Nashik

Last Week Weather Summary (28.10.2020 to 02.11.2020)							Weather Parameters	Weather Forecast (04.11.2020 to 08.11.2020)				
27	28	29	30	31	01	02	Date	04	05	06	07	08
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.2	32.0	31.5	32.2	31.0	31.0	31.4	Max. Temp. (⁰C)	33	33	33	32	33
17.6	17.6	15.5	14.6	14.5	17.0	19.5	Min. Temp. (⁰C)	16	16	15	15	15
Clear	Clear	Clear	Clear	Clear	Clear	Clear	Cloud Cover	Clear	Clear	Clear	Clear	Clear
66	80	85	74	68	71	86	Max. RH (%)	54	49	47	47	47
43	34	35	39	37	48	38	Min. RH (%)	30	28	23	23	25
3.6	3.0	2.7	2.3	2.8	2.6	4.1	Wind Speed (km/hr)	6	5	6	8	7

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Clear condition may remain occur during next 5 days. As per weather forecast no rains were expected during next five days.
General Advisory		1) 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. 2) Pesticides and fungicides should be sprayed after the rainfall stops and weather is clear.
SMS Advisory		--
Paddy	Maturity – Panicle maturity	i) Considering the weather forecast, harvesting of paddy should be initiated. Stop the free flowing water into the field where ripening starts or removes the excess water if any. To protect it from falling rain, move the stack of produce to the safe place for further drying and threshing of seeds. ii) Destroy the panicles infected with smut and Udbatta disease.
Finger Millet	Maturity- Panicle maturity	i) Carry out harvesting of matured crop and carry out threshing immediate after harvesting of finger millet crop and dry the threshed produce under protective shed or under sunlight if it gets available. ii) Carry out picking of panicles of matured lodged finger millet crop. Dry the panicles under protective shed and under sunlight if it gets available. Carry out threshing after proper drying and store the produce at safe and dry place.
Cotton	Maturity – Boll development to boll burst	i) First picking should be initiated when 15 – 25 % bolls were burst and rainfall Stops. Second and third picking should be done 10 to 15 days after first picking. ii) Uprooting the stalk after picking of all cotton and use all stalks along with compost culture for composting and prepared decomposed compost which are free from insects and pests eggs.
Rabi Sorghum		Spray the crop with 15 ml Quinalphos 25 EC in 10 liters of water for the control of stem borer



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Wheat	<p>Sowing of irrigated, timely sown wheat should be completed during first fortnight of November and for late sown varieties it should be before 10th December. For maintaining 20 to 22 lakhs plant population per hectare use 100 to 125 kg seeds per hectare at row spacing of 20 cm at 5-6 cm depth. For late sown crop seed rate is 125 to 150 kg per hectare at a row spacing of 18 cm. Presowing seed treatment of Thirum 75% WS at the rate of 3 g + 25 g Azotobactor and 25g Phosphate solubilizing bacteria culture per kg of seed through cold solution of jaggery Varieties for timely sown irrigated Phule Samadhan, Trimbak, Tapovan, MACS 6222 and for latesown irrigated wheat use Phule Samadhan, NIAW 34, AKAW 4627. At the time of sowing apply basal dose 60:60:40 N:P:K kg/ha for timely sown and 45:60:40 N:P:K kg/ha for late sown.</p>
Gram	<p>Sowing of irrigated gram should be completed during 20th October to 10th November. For sowing use Desi varieties like Vijay, Vishal, Digvijay and Phule Vikram and for Kabuli gram Virat, PKV-2, PKV-4. Seed treatment 2 g Bavistin + 2 g Thirum/ kg seed and apply 25 g of Rhizobium culture per kg of seed through cold solution of jaggery</p>
Custard Apple	<p>At evening hours, spray the crop with Verticillium lecani @ 400g + 1 liter milk in 100 liters of water as soon as incidence of mealy bugs is noticed</p>
Citrus	<p>For control of Phytophthora fungus, Trichoderma organic fungus should be mixed with manure at the rate of 25 g per plant. Carbendazim at the rate of 1 g per liter should be sprayed immediately for control of stem rot in citrus crop before harvesting.</p>

Source:

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

Place : ZARS, Igatpuri
Date : 03.11.2020

Sd/-
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