



AGROMET ADVISORY BULLETIN

DISTRICT AGROMET UNIT, GRAMIN KRISHI MAUSAM SEWA
Dr. HEDGEWAR SEVA SAMITI, KRISHI VIGYAN KENDRA,
NANDURBAR



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57) Weather based Agromet Advisory committee meeting dated 16.10.2020

District: Nandurbar

Last Week Weather Summary (09.10.2020 to 15.10.2020)							Weather Parameters	Weather Forecast (17.10.2020 to 21.10.2020)				
09	10	11	12	13	14	15	Date	17	18	19	20	21
							Rainfall (mm)	28	60	26	32	34
							Max. Temp. (°C)	33	32	32	32	32
							Min. Temp. (°C)	24	25	24	24	24
							Cloud Cover (Octa)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
							Max. RH (%)	84	89	89	90	89
							Min. RH (%)	53	58	64	65	67
							Wind Speed(km/hr)	03	10	07	08	07

Agromet Advisory Based on Weather Forecast

Crop	Stage	Agromet Advisory
Weather Forecast Summary		<ul style="list-style-type: none"> ➤ According to weather forecast given by Regional Meteorological Centre, Mumbai, possibility of moderate rainfall at isolated places over district during next five days. ➤ As per Extended Range Forecast (ERFS) Madhya Maharashtra region is likely to receive above normal rainfall during subsequent one week 21th to 27th October. ➤ Weather Warning: Possibility of Thunderstorms with rain at isolated places on 17th, 19th and 20th October over district.
General Advisory		<ul style="list-style-type: none"> ➤ Use DAMINI Application to protect from Thunderstorms & Lightning. ➤ Harvested crop should be placed at safe place. ➤ Drain out excess water from field care should be taken that not to stagnate water in field. ➤ During application of irrigation, fertilizers to crops, intercultural operations in fields as well as spraying pesticides and herbicides to crops consider weather forecast. ➤ Spraying should done when wind is calm. Use stickers while spraying. Keep crops weed free by intercultivation on time. Carry out plant protection measures to protect the crop from pest and diseases infestations on time.
SMS Advisory		<ul style="list-style-type: none"> ➤ Due to possibility of rainfall immediately harvest the crop & harvested crop should be placed at safe place.
Cotton	Flowering to Boll Development to Picking	<ul style="list-style-type: none"> ➤ Immediately Carry out Picking of cotton and store at safe place due to possibility of rainfall. ➤ First picking of cotton was done after 30 to 35% boll sprouting then after two to three picking should be done at intervals of 15 to 20 days. ➤ Picking of cotton better to carry out in the morning, as the



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		<p>moisture in the air does not cause the crop residues, dried leaves to stick to the cotton.</p> <ul style="list-style-type: none"> ➤ During picking good quality cotton should be picked first, then yellow colored and rotted cotton separately. Each variety of cotton should be stored separately. After picking, the cotton should be dried in the sun for 3-4 days and stored in a clean and dry place. ➤ Drain out excess water from field care should be taken that not to stagnate water in field.
Soybean	Maturity Stage	<ul style="list-style-type: none"> ➤ Immediately Carry out harvesting of soybean and store at safe place due to possibility of rainfall. ➤ Drain out excess water from field care should be taken that not to stagnate water in field. ➤ Harvest the crop as soon as the pods turn yellow and mature. ➤ After harvesting, make small plumps and dry it well in the sunline for 2-3 days. This helps in reducing the moisture content in the shells, pods and seeds of legumes. ➤ After drying, spread the cut crop on tarpaulin / cement mortar and spray with Mancozeb (75 WP) 2.5 gm or Copper Oxychloride (50 WP) 3 gm/liter of water using Knapsack pump. ➤ After spraying, dry again in the sun. Then make a plump. This helps in timely control of fungal infestation on the shell or stalk of legumes and maintaining the quality of the crop during storage.
Pigeonpea	Branching to Early flowering Stage	<ul style="list-style-type: none"> ➤ For protection of early varieties at flowering and pod formation stage, spray Chlorantraniliprole (18.5 SC) 0.3 ml or Emamectin benzoate (5 SG) 0.4 g per liter of water during clear weather. ➤ Drain out excess water from field care should be taken that not to stagnate water in field.
Maize	Harvesting	<ul style="list-style-type: none"> ➤ Immediately Carry out harvesting of maize and harvested crop store at safe place due to possibility of rainfall. ➤ Harvesting of maize crop done after the corn husk turns yellowish white. Then dry well in the sunlight so that during storage corns not damaged by insect pests. ➤ Then remove the top cover of the husk and separate the grains from the husk with the help of maize sheller.
<i>Kharif</i> Sorghum	Harvesting	<ul style="list-style-type: none"> ➤ Immediately carry out harvesting of sorghum and harvested crop store at safe place due to possibility of rainfall. ➤ Harvest the crop when stalk turns yellow and grains below stalk become hard.
Wheat	Sowing	<ul style="list-style-type: none"> ➤ Select heavy and deep well drained soils for cultivation of wheat crop. ➤ Rainfed wheat should be sown in the second fortnight of October. Irrigated wheat should be sown in the first fortnight of November. Carry out Preparatory tillage operations and



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		keep field ready for sowing.
Onion	Vegetative Stage	<ul style="list-style-type: none">➤ Due increase in temperature for control of Thrips on onion spray Dimethoate 30% EC 15 ml Or Lambda Cyhalothrin 5% EC 6 ml. These pesticides should be sprayed alternately. Also spray 5% neem extract during clear weather.➤ Drain out excess water from field care should be taken that not to stagnate water in field.
Garlic	Plantation	<ul style="list-style-type: none">➤ At wafasa condition Planting of garlic should in done at spacing 10 X 7.5 cm and 3 cm. deep in flat beds in second or third week of Oct.➤ Apply 50 kg N, 50kg P and 50 kg K before planting at the time of field preparation 25 tonnes F.Y.M. should be incorporated in soil.➤ Dip the garlic cloves in 20 P.P.M (20mg / lit. water) solution of IBA for an hour.
Sugarcane	Grand Growth Stage	<ul style="list-style-type: none">➤ In Adsali Sugarcane 6 to 8 weeks after planting, for better growth and development of shoots, the second application of Nitrogenous fertilizer 40% of recommended N (64 kg N = 139 kg Neem Coated Urea) during clear weather.
Mango	Development Stage	<ul style="list-style-type: none">➤ For control of Midge fly and Jassids infestation, spray Deltamethrin (2.8 EC) at 0.9 ml per liter of water during clear weather.
Animal Husbandry	-	<ul style="list-style-type: none">➤ The cowshed should be kept clean. Diseases as well as biting insects like flies, mosquitoes, goiters should be eradicated as per advise of veterinarian.➤ Due to possibility of Thunderstroms with rainfall kept livestock, poultry in safe place.

Source:

- 1) Weather Forecast : Regional Meteorological Centre, Mumbai
2) Last week weather summary :

Place : Krishi Vigyan Kendra, Nandurbar
Date : 16.10.2020

Sd/-
Nodal Officer, GKMS-DAMU,
Krishi Vigyan Kendra, Nandurbar