



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by IMD, New Delhi and ICAR, New Delhi,
Krishi Vigyan Kendra, Kosbad Hill, Palghar)



No.55/2021

Date: 09/07/2021

5 Days

Significant past weather for the preceding week (Period – 03/07/2021 to 09/07/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 10/07/2021 to 14/07/2021				
03/07	04/07	05/07	06/07	07/07	08/07	09/07		10/07	11/07	12/07	13/07	14/07
0.0	4.6	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	51	49	69	79	90
32.5	32.5	33	33				Maximum temperature(°C)	32	31	31	31	31
27.5	28.5	28	27.5				Minimum temperature(°C)	27	27	27	27	26
							Cloud cover (Octa)	Partly cloudy	Cloudy	Cloudy	Cloudy	Cloudy
78	87	89	77				Relative Humidity Max.(%)	87	89	90	93	93
72	82	67					Relative Humidity Min(%)	62	68	71	77	76
3.6	6.4	3.9	2.9				Wind speed (Km/hr)	6	7	8	8	4
NE	NW	WN	SE				Wind direction	SW	SW	SW	SW	SW
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2021 to till dated		Total Rainfall (mm) in last year				
4.6						1411.4		3135.2				

Agro-met Advisory Based on Weather Forecast Prediction

Weather summary	<p>As per the forecast given by RMC, Mumbai, there is a possibility of medium to heavy rainfall rainfall may occur during 14th to 20th July, 2021. Sky may remain partly cloudy to cloudy during next five days.</p> <p>Maximum temperature may remain in between 31 to 32 °C and Minimum temperature may remain normally 26 to 27° C during next five days.</p> <p>As per Extended range forecast for North Konkan division for the period of 14th to 20th July 2021, rainfall will be occurred above normal rainfall. Maximum and minimum temperature may remain equal to normal.</p>
General advisory	<p>Before transplanting of rice seedlings, at the time of puddling, 35 kg / acre should be applied. Urea, 125 kg. Single super phosphate and 34 kg. Mix muriate of potash fertilizers when the intensity of rainfall is less. If 2 tons of Glyricidea leaves per acre is given at the time of puddling, the amount of Nitrogen Fertilizer (Urea) should be reduced by 50%. Do transplanting of early rice variety 20 to 21 days old seedling, and mid late and late varieties after 27 to 30 days seedling which is grown 12 to 15 cm. Seedlings of tall and five to six leafed seedlings should be take for transplanting.</p>
SMS	<p>Due to forecast of medium to heavy rainfall at isolated places during next five days, make arrangement for drain out excess water from rice, finger millet, vegetable field and fruit orchard.</p>

Crop	Stage	Agro-met Advisory
Rice	Transplanting	<ul style="list-style-type: none"> ✚ Transplant 2-3 rice seedlings per hill in case of straight varieties and one seedling per hill in case of hybrid at a spacing of 15 x 15 cm (early) Jor 20 x 15 cm (mid-late and late varieties), follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling. ✚ In SIRA method of rice cultivation, incorporate 2 tonnes per acre glyricida leaves at the time of puddling. Transplant improved or hybrid rice seedlings at a controlled spacing (15-25 cms). place urea-DAP briquette at depth of 7.5 to 10 cms.

Finger millet	Nursery sowing	✚ Make arrangement for drain out excess water from finger millet nursery.
Mango	Planting	✚ Newly planted Sapota, Mango and Areca nut etc. fruit crops should be supported by a stick for proper growth and make arrangement for drain out excess water.
Sapota		✚ In Sapota orchards, dropped fruits and broken branches should be collected and destroyed and Make arrangement for drain out excess water.
Black peper	Vegetative growth	✚ Black Paper vines should be tied with a rope or a stick and earthing up and arrangements should be made for drainage of excess water in the field.
Jasmine and Sonchafa	Vegetative growth	✚ Jasmine and Sonchafa flower crops, rain water retention can lead to outbreak of root rot disease so additional drainage should be provided to control it.
Ridge guard	Vegetative growth	✚ Cucumber, Ridge guard, Bitter guard, Pumkin, etc. should be earthing up and arrangements should be made for drainage of excess water in the field.
Animal husbandry/		✚ Due to unhygienic conditions in the animals shed during monsoon season, In order to prevent the spread of various diseases during the rainy season, timely vaccinations should be given and preventive spraying should be done as recommended by veterinary doctors.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.

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Source:

- 1) **Weather forecast** : **Regional Meteorological centre (RMC, Mumbai)**
- 2) **Last week weather summary** : **IMD Observatory (Agricultural Research, Station), Palghar**

Place: Krishi Vigyan Kendra, Palghar

Date: 09.07.2021

Sd/.
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