



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



No.90/2020

Date: 10/11/2020

5 Days

Significant past weather for the preceding week (Period – 04/11/2020 to 10/11/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 11/11/2020 to 15/11/2020				
04/11	05/11	06/11	07/11	08/11	09/11	10/11		11/11	12/11	13/11	14/11	15/11
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
							Maximum temperature (°C)	34	33	35	35	37
							Minimum temperature (°C)	20	20	21	23	25
							Cloud cover (Octa)	0	0	1	1	2
							Relative Humidity Max. (%)	53	49	55	69	68
							Relative Humidity Min. (%)	26	26	26	40	40
							Wind speed (Km/hr)	9	9	8	6	5
							Wind direction	E	E	ENE	ENE	NE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated		Total Rainfall (mm) in last year				
0.0						3120.2		4233.4				

Agro-met Advisory Based on Weather Forecast Prediction

Crop	Stage	Agro-met Advisory
Weather summary		<ul style="list-style-type: none"> As per the forecast given by RMC, Mumbai, there is possibility of maximum temperature remain between 33 to 37 °C and minimum temperature remains in between 20 to 25 °C during 11th to 15th November, 2020.
General advisory		<ul style="list-style-type: none"> To protect the Brinjal, Tomato and Chilli crop from incidence of nematode and fruit borer, planting of trap crop should be done such as marigold around the border of main crop. Sowing of Chick pea should be done between 20th October to 10 November. If the sowing is much late, the mini. temperature obtained less growth.
Kharif Rice	Sowing	<ul style="list-style-type: none"> After the harvesting of kharif rice, Start land preparation for rabi-hot season rice nursery.
Chick peas	Sowing	<ul style="list-style-type: none"> For cultivation of Chick pea choose the best drainage of medium to heavy, heavy, black soil, Avoid the sowing at water stagnated, salty and alkaline soil. Sowing should be done between 20th October to 10 November. If the sowing is much late, the minimum temperature is very low and less as a result, growth of the crop is less and less branches and flowers.
Pigeon pea		<ul style="list-style-type: none"> There is possibility for incidence of pod borer in pigeon pea crop, if incidence is noticed, spray Chlorantraniliprole 18.5%SC @3 ml or Spinosad 45%SC @2.5 ml per 10 litters of water.
Flower crops	Nursery	<ul style="list-style-type: none"> Provide regular irrigation to cultivated marigold flowers nursery.
Mango	Vegetative development	<ul style="list-style-type: none"> New growth below graft union should be removed regularly from new plantation of mango, and Clean the newly planted mango orchard by removing all shrubs, dried leaves and other dead waste to maintain good sanitation.

Cashew nut	Vegetative development	<ul style="list-style-type: none"> New growth below graft union should be removed regularly from new plantation of cashew nut, and Clean the newly planted orchard by removing all shrubs, dried leaves and other dead waste to maintain good sanitation.
Sapota	Fruiting stage	<ul style="list-style-type: none"> For control of seed borer incidence on sapota, collect and destroy all infected fruits and dried leaves. take a spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8 EC @ 10 ml insecticide per 10 litters of water twice at an interval of one month.
Cucurbitaceous vegetable	Transplanting	<ul style="list-style-type: none"> After the cultivation of Bitter guard, Bottolguard and Cucumber vegetable seedlings, apply 50 g of Trichoderma viride biological fungus in 10 liters of water to prevent wilt disease.
Cabbage	Transplanting	<ul style="list-style-type: none"> If seedlings of cabbage crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 45 X 45 cm or 60 X 60 cm. The planting should be done on a high or flat steam. The seedlings are immersed briefly in 5% urea solution before planting, Provide irrigation immediately after transplanting.
Solanaceous vegetable	Transplanting	<ul style="list-style-type: none"> To protect the Brinjal, Tomato and chilli crop from incidence of nematode and fruit borer, planting of trap crop should be done such as marigold around the border of main crop. After the transplanting of seedlings, apply 50 g of Trichoderma viride biological fungus in 10 liters of water to prevent wilt disease.
Milch Animals/ Goat /Poultry		<ul style="list-style-type: none"> Apply curtains of gunny bags around the animals shed to protect the animals from the increasing cold.
<p>This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.</p>		
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Source:

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

Place : Krishi Vigyan Kendra, Palghar

Date : 10.11.2020

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