



Gramin Krishi Mausam Sewa
Experimental Block Level Agromet Advisory Bulletin
(A Joint Initiative of IMD & ICAR)



Agromet Advisory Bulletin

Date : 21-01-2022

Weather Forecast of **VASAI** Block in **PALHGAR**(Maharashtra) Issued On :2022-01-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-22	2022-01-23	2022-01-24	2022-01-25	2022-01-26
Rainfall	0.0	0.8	0.0	0.0	0.0
Tmax(°C)	27.8	25.8	21.8	23.9	27.2
Tmin(°C)	19.9	17.9	14.0	14.3	15.2
RH-I(%)	85	71	60	48	47
RH-II(%)	46	54	42	22	18
Wind Speed(kmph)	6.0	15.0	9.0	12.0	9.0
Wind Direction(Degree)	294	289	297	13	18
Cloud Cover(Octa)	1	2	1	0	0

Weather Summary/Alert:

As per the forecast given by RMC, Mumbai, there is possibility of light rain at isolated places in Palghar district on 22nd & 23rd January, 2022. Then clear weather during 24th to 26th January 2022. Then there is a possibility of Sky may remain cloudy during next two days then it will remain clear during 24th to 26th January,2022.

General Advisory:

As there is a possibility of light rain at isolated places in Palghar district on 22nd & 23 January, 2022 so matured fruits and vegetables should be harvested.

SMS Advisory:

Due to light rainfall at isolated places in Palghar district on 22nd & 23 January, spraying and inter cultural operations should be done while the weather is dry.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BENGAL GRAM/ CHICK PEA	There is possibility of incidence of pod borer so to prevent infestation of pod borer on chick pea crop, 5-10 pheromone traps and bird pitches should be set up per hectare In case of infestation, spray 5% neem extract or azadirachtin 300 ppm in 5 ml per liter of water for control of this bod borer.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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MANGO	<p>There is possibility of powdery mildew & Anthracnose disease for control of pests and diseases, spray Lambdasyhalothrin 5% solution 6 ml Hexaconazole 5% solution 5 ml. Or spray 80% water soluble sulfur mixed with 20 gm per 10 liters of water in clear weather. In addition, for control of anthracnose disease due to cloudy and rainy weather, Carbondiazium 12% Manconzeb 63% 10 gm per 10 liters of water should be sprayed in clear weather. Avoid spraying of pesticides till inflorescence & while flowering which are harmful for honey bees. There is possibility incidence of hoppers on flower bud stage in mango. To protect the inflorescence from pest, spray Lambda cyhalothrin 5%EC @ 6 ml per 10 liter in water. There is possibility incidence of hoppers, midge fly on mango inflorescence. For management of pest, spray of Imidacloprid 17.8% SL @ 6 ml or Buprofezin 25%SC @ 20 ml per 10 liters of water before the flower opening to avoid the adverse effect on pollinators. At present situation, if mango fruits are bearing fruits like pea, betel nut and oval in shape, then three sprays of 1% potassium nitrate (1 kg in 100 liters of water) and 0.5% micronutrients should be applied. After fruit setting, provide irrigation to mango orchard, four times at an interval of 15 days.</p>
SAPOTA	<p>To control seed borer pest in sapota fruits, collect all the infected and fallen fruits in orchard and burnt. Also spray 50% liquid Profenofos 15 ml. 2.8% deltamethrin 10 ml. per 10 litters of water Every year by multiplying year with first year dose up to first 20 years and after 20 years, apply 100 kg FYM, 3 kg urea, 9 kg single super phosphate and 3 kg. Due to possible increase in temperature, irrigation should be done at intervals of 8 to 10 days in Sapota fruit crops.</p>
CHILLI	<p>Powdery mildew disease is likely to occur in chilli crop due to cloudy weather. To control this disease, spray 2 gm soluble sulfur in per liter of water. There is possibility of incidence of wilt disease due to sucking pest like white fly, mites & Thrips. These insects absorb leaf sap, causing wrinkles and stunted leaf growth. For control of this pest Azadarictin 10000 ppm 3 ml or dimethoate 30% solution 1 ml. Spray per liter of water. Also apply blue sticky traps at the rate of 20-25 per acre. If the Brinjal crop are in flowering stage, infestation of pod & fruit borer can be seen on the top branch and fruits, therefore install 8 Lucilure pheromone traps per acre. There is possibility of incidence of bacterial and fungal wilt diseases in brinjal crop. In case of bacterial wilt, the affected plants should be uprooted, and if fungal wilt will appear then do drenching of 5 gm Trichoderma mixed with per liter of water.</p>
BITTER GOURD	<p>Due to partly cloudy weather conditions at isolated places, Cucurbitaceous vegetable crop may be affected by downy mildew & powdery mildew disease. For control of downey mildew, spray Carbondazium 10 gm per 10 liters of water should be mixed and spray. For control of powdery mildew spray 5 ml hexaconazole mixed with 10 liters of water. For control of fruit fly in cucurbitaceous vegetable crop, 'Methyl Eugenol' or 'Q-luer guard traps' should be planted at a height of 1 to 2 feet above the ground at the rate of 4 per hectare.</p>