



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



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Duration – 5 days

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| Significant past weather for the preceding week (Period –17/08/2019 to 23/08/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 28/08/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 17/08 | 18/08 | 19/08 | 20/08 | 21/08 | 22/08 | 23/08 | | 24/08 | 25/08 | 26/08 | 27/08 | 28/08 |
| 6.0 | 2.0 | 7.0 | 0.0 | 2.0 | 0.0 | 9.4 | Rainfall (mm) | 7 | 6 | 26 | 23 | 30 |
| 30.6 | 30.6 | 30.8 | 31.0 | 31.0 | 31.0 | 30.6 | Maximum temperature (°C) | 32 | 30 | 30 | 31 | 31 |
| 25.4 | 26.2 | 26.0 | 25.6 | 25.6 | 25.4 | 25.2 | Minimum temperature (°C) | 25 | 25 | 26 | 26 | 26 |
| 1 | 0 | 0 | 2 | 2 | 1 | 1 | Cloud cover (Octa) | 7 | 8 | 8 | 7 | 6 |
| 94 | 94 | 87 | 89 | 94 | 82 | 85 | Relative Humidity Max. (%) | 82 | 83 | 82 | 81 | 83 |
| 82 | 83 | 72 | 73 | 74 | 84 | - | Relative Humidity Min. (%) | 66 | 69 | 72 | 71 | 73 |
| 7.0 | 5.8 | 3.7 | 3.3 | 3.1 | 4.2 | 2.9 | Wind speed (Km/hr) | 13 | 16.5 | 16.3 | 18.9 | 19.7 |
| ESE | NE | E | NE | Calm | E | W | Wind direction | S | SSW | S | SW | SSW |
| Rainfall (mm) in last week | | | | | | Rainfall (mm) from 01/01/2019 to till dated | | Total Rainfall (mm) in last year | | | | |
| 26.4 | | | | | | 2782.2 | | 2359.6 | | | | |

Agro-met Advisory

There is possibility of moderate rainfall from 24th to 28th August, 2019 and sky will be cloudy.
Extended range rainfall forecast for Konkan division for the period of 23rd to 29th August, 2019 is below
normal.

| Crop | Stage | Agro Advise |
|--------------------|-------------------|--|
| Kharif rice | Tillering | <ul style="list-style-type: none"> Maintain the optimum water level of 5 cm in the rice field. Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle on low land rice, hence observe crop regularly for infestation of pest. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 40 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 litres of water. |
| Mango | Vegetative | <ul style="list-style-type: none"> Due to forecast of increase in temperature which is congenial for vegetative flush in mango, for protection of vegetative flush, spray Lambda cyhalothrin 5%EC@ 6ml or Quinalphos 25% EC @25 ml + Bavistin 20 g per 10 liter of water. |
| Sapota | Fruiting | <ul style="list-style-type: none"> For control of fruit drop due to fungal disease in sapota orchard, spray the tree with 1% bordomixture. Apply first split dose of 5 kg FYM, 150 g urea, 450 g single super phosphate and 150 g muriate of potash per tree to year old sapota plant by band placement around the tree just inside the spread. Apply fertilizer dose every year by multiplying year with first year dose upto first 20 years and after 20 years, apply 100 kg FYM, 3 kg urea, 9 kg single super phosphate and 3 kg muriate of potash per tree thereafter. |

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.

For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.