



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



No. 67/2019

Date: 20/08/2019

Duration – 5 days

Dr. Prashant Bodake,
Head,
Department of Agronomy
9420413255

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

| Significant past weather for the preceding week (Period –14/08/2019 to 20/08/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 25/08/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 14/08 | 15/08 | 16/08 | 17/08 | 18/08 | 19/08 | 20/08 | | 21/08 | 22/08 | 23/08 | 24/08 | 25/08 |
| 4.0 | 5.0 | 9.0 | 6.0 | 2.0 | 7.0 | 0.0 | Rainfall (mm) | 5 | 13 | 5 | 5 | 9 |
| 30.4 | 30.0 | 29.8 | 30.6 | 30.6 | 30.8 | 31.0 | Maximum temperature (°C) | 32 | 32 | 31 | 32 | 31 |
| 25.8 | 25.8 | 25.6 | 25.4 | 26.2 | 26.0 | 25.6 | Minimum temperature (°C) | 26 | 26 | 25 | 25 | 26 |
| 0 | 2 | 2 | 1 | 0 | 0 | 2 | Cloud cover (Octa) | 7 | 7 | 8 | 6 | 8 |
| 92 | 87 | 90 | 94 | 94 | 87 | 89 | Relative Humidity Max. (%) | 84 | 81 | 82 | 82 | 80 |
| 88 | 85 | 80 | 82 | 83 | 72 | - | Relative Humidity Min. (%) | 67 | 69 | 71 | 68 | 70 |
| 3.2 | 4.1 | 5.6 | 7.0 | 5.8 | 3.7 | 3.3 | Wind speed (Km/hr) | 11.3 | 14.4 | 12.2 | 16.9 | 15.1 |
| Calm | ESE | E | ESE | NE | E | NE | Wind direction | SW | SSW | S | SSW | SW |
| Rainfall (mm) in last week | | | | | | Rainfall (mm) from 01/01/2019 to till dated | | Total Rainfall (mm) in last year | | | | |
| 33.0 | | | | | | 2770.8 | | 2359.6 | | | | |

Agro-met Advisory

There is possibility of light rainfall from 21st to 25th August, 2019 and sky will be cloudy.
Extended range rainfall forecast for Konkarni 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"> Due to forecast for light rain, maintain the optimum water level of 5cm in the rice field. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding. 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. Alter the stagnated water with fresh water after every 2-3 days. Maintain water level of 5 cm in the field. 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 liter 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 Konkarni Vidyapeeth, Dapoli.
For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.