



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by IAAS, Dr. B.S. Konkani Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Duration – 5 days

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| Significant past weather for the preceding week (Period –24/08/2019 to 30/08/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 04/09/2019 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 24/08 | 25/08 | 26/08 | 27/08 | 28/08 | 29/08 | 30/08 | | 31/08 | 01/09 | 02/09 | 03/09 | 04/09 |
| 3.0 | 7.6 | 5.0 | 2.0 | 0.0 | 4.0 | 0.0 | Rainfall (mm) | 33 | 33 | 22 | 45 | 40 |
| 31.4 | 30.4 | 30.4 | 30.8 | 31.0 | 30.6 | 32.0 | Maximum temperature (°C) | 32 | 32 | 32 | 32 | 32 |
| 25.6 | 25.2 | 25.2 | 26.0 | 25.6 | 25.5 | 25.8 | Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| 0 | 0 | 0 | 2 | 1 | 1 | 0 | Cloud cover (Octa) | 6 | 8 | 7 | 7 | 7 |
| 89 | 92 | 87 | 85 | 89 | 92 | 89 | Relative Humidity Max. (%) | 83 | 82 | 83 | 83 | 81 |
| 80 | 80 | 73 | 73 | 75 | 76 | - | Relative Humidity Min. (%) | 70 | 73 | 72 | 76 | 72 |
| 3.4 | 2.6 | 2.7 | 3.5 | 4.5 | 3.6 | 3.3 | Wind speed (Km/hr) | 17.5 | 18.9 | 21.7 | 20.4 | 18.6 |
| Calm | NNW | ENE | NNE | NW | NNE | NNW | Wind direction | WSW | SSW | SW | SW | SW |
| Rainfall (mm) in last week | | | | | | Rainfall (mm) from 01/01/2019 to till dated | | Total Rainfall (mm) in last year | | | | |
| 21.6 | | | | | | 2803.8 | | 2359.6 | | | | |

Agro-met Advisory

There is possibility of moderate rainfall from 31st August to 4th September, 2019 and sky will be cloudy.

Extended range rainfall forecast for Konkani division for the period of 30th August to 5th September, 2019 is above normal.

| Crop | Stage | Agro Advise |
|-----------------------|-------------------|--|
| Special advise | - | <ul style="list-style-type: none"> In situation of complete loss of rice crop due to flood, drain out excess water by making drainage channel (1-1.5 ft width and 2-2.5 ft depth) along the slope in low lying area which will help to bring soil moisture to field capacity. After soil moisture reaches to field capacity, cultivation of short duration pulses (cowpea, horse gram, green gram, lablab bean) niger or short duration vegetable crops (coriander, spinach, amaranthus, fenugreek) is advised for remaining kharif period which will help to recover partial loss due to failure of rice crop. |
| Kharif rice | Tillering | <ul style="list-style-type: none"> Maintain the optimum water level of 5 cm in the rice crop which is in tillering stage. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding. Due to forecast of intermittent rainfall and 29°C prevailing mean temperature there will be incidence of stem borer and leaf folder on rice. If incidence is noticed, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil. If field is dry then spray Quinalphos 25%EC@26 ml or Cartap hydrochloride 50% @ 20 g or Triazophos 40%EC@ 12.5 ml per 10 liter of water. If required repeat the spray at an interval of 8-10 days. |
| 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 seed borer incidence on sapota, collect and destroy all infected fruits and dried leaves. |

• **Note:** spraying should be taken in dry period during day.

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 Konkani Krishi Vidyapeeth, Dapoli.

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