**Agromet Advisory Service Bulletin for Palghar District**
**(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,**
**& Regional India Meteorological Department, Mumbai)**
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**No. 91/2019** **Date: 11/11/2019** **Duration – 5 days**


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| Significant past weather for the preceding week (Period –05/11/2019 to 11/11/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 16/11/2019 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **05/11** | **06/11** | **07/11** | **08/11** | **09/11** | **10/11** | **11/11** | | **12/11** | **13/11** | **14/11** | **15/11** | **16/11** |
| 0.0 | 0.0 | 0.0 | 18 | 23.2 | 0.0 | 0.0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 33.0 | 34.2 | 32.5 | 31.8 | 32.0 | 29.0 | 32.0 | Maximum temperature ($^{o}$C) | 34 | 35 | 34 | 35 | 34 |
| 24.2 | 22.2 | 24.0 | 23.6 | 24.0 | 23.5 | 21.4 | Minimum temperature ($^{o}$C) | 25 | 25 | 25 | 25 | 25 |
| 0 | 0 | 2 | 2 | 2 | 0 | 0 | Cloud cover (Octa) | 0 | 0 | 3 | 1 | 7 |
| 81 | 87 | 87 | 95 | 95 | 83 | 91 | Relative Humidity Max. (%) | 66 | 66 | 67 | 66 | 65 |
| 53 | 63 | 60 | 68 | 80 | 59 | - | Relative Humidity Min. (%) | 50 | 53 | 52 | 53 | 53 |
| 2.6 | 1.8 | 4.0 | 6.1 | 3.8 | 1.3 | 1.9 | Wind speed (Km/hr) | 9.6 | 9 | 10.1 | 10 | 9.2 |
| NNE | Calm | NNW | Calm | N | ENE | Calm | Wind direction | ENE | E | E | ENE | ENE |

| Rainfall (mm) in last week | Rainfall (mm) from 01/01/2019 to till dated | Total Rainfall (mm) in last year |
|---|---|---|
| **41.2** | **4233.4** | **2359.6** |

**Agro-met Advisory**

**During next five days sky will remain clear.**

**Extended range rainfall forecast for Konkan division for the period from 8th to 14th November, 2019 is below normal.**

**According to NDVI, Agriculture vigour is moderate and according to SPI, severely wet condition experienced in Palghar district.**

| Crop | Stage | Agro Advise |
|---|---|---|
| **Kharif rice** | **Maturity** | • During next five days there is forecast of no rainfall, hence complete the harvesting and threshing of the matured rice varieties. |
| **Finger millet** | **Maturity** | • During next five days there is forecast of no rainfall, hence complete the harvesting and threshing of the matured finger millet crop. |
| **Lablab bean** | **Sowing** | • For cultivation of lablab bean on residual moisture, first spray glyphosate 5 ml per liter of water immediately after harvest of rice crop to control weeds and then sow the lablab bean at a spacing of 30 x 15 cm by dibbling without disturbing soil by any tillage operation. Fertilizer should be place by making hole adjacent to seed.<br>• For cultivation of lablab bean, carryout ploughing operation on moist soil after the harvest of kharif rice and incorporate 5 tonne/ha FYM or compost. Then sow lablab bean @ 30 to 45 kg/ ha by dibbling at a spacing of 30 x 15 cm or 30 x 20 cm or 30 x 30 cm. apply 540 gms urea and 3 kg Single Super Phosphate per guntha at the time of sowing below the seed at 5 cm depth. Provide light irrigation after sowing.<br>• Before sowing, treat the seed with Thiram fungicide @3 gm/kg of seeds. After that treat the seed with Rhizobium biofertilizers @ 25 gms per kg of seed and dry in shed one hours before sowing. |
| **Mango** | **Vegetative** | • Due to humid weather condition, there is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water. |
| **Vegetables crop nursery** | **Seedling** | • Apply 50 grams of urea per bed 15 days after sowing of rabi vegetable nursery.<br>• Provide irrigation to fruit crop and vegetable nursery regularly. |

**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.**