

# मौसम पूर्वानुमान आधारित साप्ताहिक सलाह Weather Forecast Based Weekly Advisory

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## विषय-सूची Contents

1. मौसम संभावना Likely weather (सामयिकीकरण Update: साप्ताहिक Weekly): 01.12.2015 - 15.12.2015
2. साप्ताहिक अंगूर सलाह Weekly grape advisory: 01.12.2015 - 08.12.2015
  - 2.1 कीट प्रबंधन Insect pest management
  - 2.2 पादप वृद्धि नियामक प्रबंधन Plant growth regulator management

## 1. मौसम संभावना Likely weather: 01.12.2015 -15.12.2015

| प्राचल Parameter | सटाणा Satana   | नासिक क्षेत्र Nasik area  | सांगली क्षेत्र Sangli area  | सोलापुर क्षेत्र Solapur area  | पुणे क्षेत्र Pune area   | बीजापुर Bijapur   | रंगारेड्डी (हेदराबाद) Rangareddy (Hyderabad)                                       | मंदसौर Mandasaur  | अनंतपुर Anantapur  |
|------------------|--|---|---|---|--|---|--|---|--|
| बादल आच्छादन     | साफ से आंशिक बादल                                      | साफ से आंशिक बादल   | साफ से आंशिक बादल   | साफ से आंशिक बादल   | साफ से आंशिक बादल  | साफ से आंशिक बादल   | साफ से आंशिक बादल  | साफ से आंशिक बादल   | साफ से आंशिक बादल  |
| वर्षा            | सटाणा:<br>बूदा-बांदी<br>सोम (14/12) -<br>मंगल (15/12)। | नासिक,<br>पिंपलगाव-बसवंत,<br>ओझर, पालखेड,<br>दिंडोरी, वनी,<br>बूदा-बांदी<br>शुक्र (11/12) -<br>मंगल (15/12)।<br><br>शिर्डी, लोनी,<br>निफाड, देवला,<br>कलवन:<br>बूदा-बांदी<br>सोम (14/12) -<br>मंगल (15/12)। | सांगली, मिरज,<br>शिरगुप्पी,<br>कागवड, अरग,<br>पलसी, शेटफल:<br>हल्की बारिश<br>मंगल (01/12) -<br>गुरु (03/12)।<br><br>कवठे-महंकाळ,<br>पलुस, तासगाव,<br>वलवा, खानापुर,<br>वीटे:<br>बूदा-बांदी<br>मंगल (01/12) -<br>गुरु (03/12)। | सोलापुर, नाणज,<br>आटपाडी, काटी,<br>कासेगाव, पंढरपुर<br>उस्मानाबाद:<br>हल्की बारिश<br>मंगल (01/12) -<br>गुरु (03/12)।      | पुणे, फुरसुंगी,<br>यवत, पाटस,<br>सुपा, बारामती,<br>लोणी-कालभोर,<br>उरुलीकांचन,<br>जुन्नर,<br>नारायणगाव:<br>बूदा-बांदी<br>सोम (14/12) -<br>मंगल (15/12)।              | बीजापुर, तिकोटा,<br>तेलसंग, चडचण:<br>हल्की बारिश<br>मंगल (01/12) -<br>गुरु (03/12)।         | हेदराबाद,<br>मेडचल,<br>झाहिराबाद:<br>बूदा-बांदी<br>मंगल (01/12) -<br>गुरु (03/12)। | मंदसौर:<br>हल्की बारिश<br>मंगल (01/12) -<br>गुरु (03/12),<br>गुरु (10/12) -<br>शनि (12/12)। | अनंतपुर:<br>बूदा-बांदी<br>मंगल (01/12) -<br>शनि (05/12)। |
| Cloud cover      | Clear to Partly cloudy.                                | Clear to Partly cloudy.   | Clear to Partly cloudy.   | Clear to Partly cloudy.   | Clear to Partly cloudy.  | Clear to Partly cloudy.   | Clear to Partly cloudy.  | Clear to Partly cloudy.   | Clear to Partly cloudy.                                  |
| Rainfall         | Satana:<br>Drizzling<br>Mon (14/12) -<br>Tue (15/12).  | Nasik, Dindori,<br>Vani, Ojhar,<br>Pimpalgaon-<br>Baswant,<br>Palkhed:<br>Drizzling<br>Fri (11/12) -<br>Tue (15/12).<br><br>Shirdi, Loni,<br>Niphad, Kalwan,<br>Devla:<br>Drizzling                         | Sangli, Miraj,<br>Shirguppi,<br>Kagvad, Arag,<br>Palsi, Shetfal,<br>Light rain<br>Tue (01/12) -<br>Thu (03/12).<br><br>Kavthe-<br>Mahankal, Palus,<br>Valva, Tasgoan,<br>Vite, Khanapur:                                      | Solapur, Nanaj,<br>Pandharpur,<br>Kati, Atpadi,<br>Kasegaon,<br>Osmanabad:<br>Light rain<br>Tue (01/12) -<br>Thu (03/12). | Pune,<br>Phursungi,<br>Yavat, Supa,<br>Patas,<br>Baramati,<br>LoniKalbhor,<br>Urulikanchan,<br>Junnar,<br>Narayangaon:<br>Drizzling<br>Mon (14/12) -<br>Tue (15/12). | Bijapur,<br>Tikota,<br>Telsang,<br>Chadchan:<br>Light rain<br>Tue (01/12) -<br>Thu (03/12). | Hyderabad,<br>Medchal,<br>Zahirabad:<br>Drizzling<br>Tue (01/12) -<br>Thu (03/12). | Mandasaur:<br>Light rain<br>Tue (01/12) -<br>Thu (03/12),<br>Thu (10/12) -<br>Sat (12/12).  | Anantapur:<br>Drizzling<br>Tue (01/12) -<br>Sat (05/12). |

| प्राचल Parameter                       | सटाणा Satana   | नासिक क्षेत्र<br>Nasik area   | सांगली क्षेत्र<br>Sangli area                     | सोलापुर क्षेत्र<br>Solapur area | पुणे क्षेत्र<br>Pune area | बीजापुर<br>Bijapur | रंगारेड्डी<br>(हेदराबाद)<br>Rangareddy<br>(Hyderabad) | मंदसौर<br>Mandsaur | अनंतपुर<br>Anantapur |
|--|----------------|-------------------------------|---|---------------------------------|---------------------------|--------------------|---|--------------------|----------------------|
|  |                | Mon (14/12) -<br>Tue (15/12). | <b>Drizzling</b><br>Tue (01/12) -<br>Thu (03/12). |                                 |                           |                    |   |                    |                      |
| <b>तापमान<br/>Temp (oC )</b>           |                |                               |   |                                 |                           |                    |   |                    |                      |
| न्यून. Min.<br>अधिक. Max.              | 17-19<br>28-31 | 15-18<br>30-31                | 19-21<br>29-33                                    | 21-23<br>33-35                  | 18-21<br>31-32            | 21-22<br>28-32     | 18-20<br>28-31  | 13-18<br>27-31     | 14-19<br>26-31       |
| <b>सा.आर्द्रता<br/>RH (%)</b>          |                |                               |   |                                 |                           |                    |   |                    |                      |
| अधिक. Max<br>न्यून. Min                | 48-64<br>30-41 | 48-64<br>30-41                | 74-89<br>38-54                                    | 64-86<br>35-50                  | 60-89<br>42-52            | 78-90<br>38-67     | 80-91<br>40-81  | 35-69<br>27-42     | 94-97<br>64-75       |
| <b>पवन(किमी/घंटा)Wi<br/>nd (km/hr)</b> | 2-10           | 2-11                          | 3-18  | 2-14                            | 2-13                      | 3-19               | 3-13  | 2-13               | 2-10                 |

Note: Above weather information is summary of weather forecasting given in following websites  
<http://www.imd.gov.in/>, <http://wxmaps.org/pix/prec6.html>, <http://www.fallingrain.com/world/IN/>, <http://www.wunderground.com/>,  
<http://www.bbcweather.com-weather/1269750>, etc.

## 2. साप्ताहिक अंगूर सलाह Weekly grape advisory: 01.12.2015-08.12.2015

### 2.1 कीट प्रबंधन Insect pest management

| वृद्धि अवस्था (फ्रूट प्रूनिंग के पश्चात दिन)<br>Growth Stage (Days after forward pruning)  | थ्रिप्स<br>Thrips | माइट्स<br>Mites   | केट्पीलर्स<br>Caterpillar | मिलीबग्स<br>Mealybug              | जेसीड्स<br>Jassids                |
|--|-------------------|-------------------|---------------------------|-----------------------------------|-----------------------------------|
| 45-65  | अधिक<br>High      | मध्यम<br>Moderate | मध्यम<br>Moderate         | मध्यम से अधिक<br>Moderate to high | मध्यम से अधिक<br>Moderate to high |
| <p>Vineyards may have higher thrips and mealybug infestation. Monitoring for thrips should be done by tapping the shoots and bunches on white paper and counting number. The monitoring of thrips should be done during afternoon hours. Application of emamectin benzoate 5 SG @ 0.22 g/L water is effective for managing thrips and caterpillars. Mealybug can be monitored by observing sticky and wet stems in the vineyard. If the mealybug infestation is observed, remove the loose bark and wash the whole vine with buprofezin 25 SC @ 1.25 mL per liter water. High jassid population may be noticed in the vineyards which are upto initial berry development. Monitoring for jassids should be done during 6-7 pm in the evening by gently holding the shoot and counting the numbers. Underside of older leaves should be examined for presence of webbings made by red spider mites. If the population build up is noticed then, spray of sulphur 80 WDG @ 2.0 g/L water is effective. After spraying, these webbings should be examined with the help of hand lens for the presence of live mites to ascertain efficacy of the pesticide application. Pre harvest interval (PHI) mentioned in the Annexure V of the Residue Monitoring Plan (RMP) must be adhered to.</p> |                   |                   |                           |                                   |                                   |

### 2.2 पादप वृद्धि नियामक प्रबंधन Plant growth regulator management

#### Management of flowering in Grapes:-

After pruning, inflorescence seen within shorter period approx. within 35 days but there is large time span between openings of 1<sup>st</sup> flower and 100% flowering. This process is completely depends on temperature. For quality grape production, number of berries should be limited (around 100 berries per bunch). For that, at 50% flowering the application of 40 ppm GA<sub>3</sub> have great importance due to this 50 % berries in bunch developed into complete berries. For good quality grape production in varieties like Sonaka, Manik chaman, Sharad Seedless etc. application of GA<sub>3</sub> at flowering is given in following table –

**Table 1: Effect of GA<sub>3</sub> at 50% flowering in grape**

| Sr No | Stage of flowering | GA <sub>3</sub> Concentration | Purpose                               |
|-------|--------------------|-------------------------------|---------------------------------------|
| 1     | 10% flowering      | 10 ppm                        | To get appropriate length of berries. |
| 2     | 50% flowering      | 15 ppm                        | To get appropriate length of berries. |
| 3     | 90% flowering      | 20 ppm                        | To get appropriate length of berries. |

The above practices are beneficial to get elongated berries in a bunch which is preferred in local market in India.

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**संकलन Compilation:**

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विशेषज्ञों द्वारा अलग-अलग स्थानों के लिए प्रासंगिक फसल सलाह को पूर्वानुमानित मौसम, फसल विकास के चरणों की अंगूर के ज्यादातर बागों में अवस्था और प्रगतिशील अंगूर उत्पादकों के साथ नियमित बातचीत से प्राप्त जमीन जानकारी के आधार पर तैयार किया जाता है। इसके सही होने का कोई दावा नहीं किया जा रहा है। इस जानकारी की उपयोगिता [dirnrcg@gmail.com](mailto:dirnrcg@gmail.com) पर हमें सूचित की जा सकती है।

**Crop advisory relevant to different places is prepared by experts, considering forecasted weather, crop growth stages in majority of vineyards and ground information on incidence of different conditions in different grape growing areas received from regular interaction with progressive grape growers. No claims are made on its correctness.**  
Usefulness of this information may be communicated to us at [dirnrcg@gmail.com](mailto:dirnrcg@gmail.com).