

मौसम पूर्वानुमान आधारित साप्ताहिक सलाह Weather Forecast Based Weekly Advisory

ई-फाईल सं. राअंअनुकें/साप्ताहिक सलाह/2015-16/15-22 दिसंबर 2015

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1. मौसम संभावना Likely weather: 15.12.2015 -29.12.2015

प्राचल Parameter	सटाणा Satana	नासिक क्षेत्र Nasik area	सांगली क्षेत्र Sangli area	सोलापुर क्षेत्र Solapur area	पुणे क्षेत्र Pune area	बीजापुर Bijapur	रंगारेड्डी (हैद्राबाद) Rangareddy (Hyderabad)	मंदसौर Mandsaur	अनंतपु Ananta
बादल आच्छादन	साफ	साफ से आंशिक बादल	साफ से आंशिक बादल	साफ से आंशिक बादल	साफ	साफ से आंशिक बादल	साफ से आंशिक बादल	साफ	साफ से आंशिक बादल
वर्षा	बारिश नहीं।	बारिश नहीं।	सांगली, मिरज, शिरगुप्पी, कागवड, अरग, पलसी, शेटफल, कवठे-महंकाळ, पलुस, तासगाव, वलवा, खानापुर, वीटे: बूदा-बांदी मंगल (15/12) - बुध (16/12), शनि (19/12) - रवि (20/12)।	सोलापुर, नाणज, आटपाड़ी, पंढरपुर, काटी, कासेगाव, लातूर, तुलजापुर, उस्मानाबाद, वैराग, पांगरी, बार्सी, औसा: बूदा-बांदी मंगल (15/12) - बुध (16/12)।	लोणी-कालभोर, उरुलीकांचन, यवत, पाटस, सुपा, बारामती: बूदा-बांदी मंगल (15/12) - बुध (16/12)।	बिजापुर, तिकोटा, तेलसंग, चडचण: बूदा-बांदी शनि (19/12) - रवि (20/12)।	हैद्राबाद, मेडचल, झाहिराबाद: बूदा-बांदी मंगल (15/12) - मंगल (29/12)।	बारिश नहीं।	अनंतपुर: बूदा-बांदी रवि (20/12) सोम (21/12)
Cloud cover	Clear	Clear to Partly cloudy.	Clear to Partly cloudy.	Clear to Partly cloudy.	Clear	Clear to Partly cloudy.	Clear to Partly cloudy.	Clear	Clear to Partly cloudy.
Rainfall	No rain.	No rain.	Sangli, Miraj, Shirguppi, Kagvad, Arag, Palsi, Shetfal, Kavthe- Mahankal, Palus, Valva, Tasgoan, Vite, Khanapur: Drizzling Tue (15/12) - Wed (16/12), Sat(19/12) Sun (20/12).	Solapur, Nanaj, Pandharpur, Kati, Atpadi, Kasegaon, Osmanabad, Tuljapur, Latur, Ausa, Vairag, Pangri, Barsi: Drizzling Tue (15/12) - Wed (16/12).	Lonikalbhor, Urulikanchan, Yavat, Supa, Patas, Baramati: Drizzling Tue (15/12) - Wed (16/12).	Bijapur, Tikota, Telsang, Chadchan: Drizzling Sat(19/12) Sun (20/12).	Hyderabad, Medchal, Zahirabad: Drizzling Tue (15/12) - Tue (29/12).	No rain.	Anantapur: Drizzling Sun (20/12) Mon (21/12)

प्राचल Parameter	सटाणा Satana	नासिक क्षेत्र Nasik area	सांगली क्षेत्र Sangli area	सोलापुर क्षेत्र Solapur area	पुणे क्षेत्र Pune area	बीजापुर Bijapur	रंगारेड्डी (हैद्राबाद) Rangareddy (Hyderabad)	मंदसौर Mandsaur	अनंतप Ananta
तापमान Temp (°C)									
न्यून. Min.	11-18	12-17	19-22	21-24	14-20	21-23	19-21	8-11	9-12
अधिक. Max.	27-31	29-32	32-33	34-36	31-33	33-34	30-32	23-26	23-26
सा.आर्द्रता RH (%)									
अधिक. Max	31-51	31-51	46-61	40-56	32-60	47-57	61-82	26-37	73-82
न्यून. Min	13-28	13-28	25-39	23-39	19-41	30-39	39-45	17-25	36-41
पवन(किमी/घंटा) Wind (km/hr)	5-11	5-11	5-13	8-16	6-13	6-16	3-14	6-14	6-11

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: 15.12.2015-22.12.2015

2.1 कीट प्रबंधन Insect pest management

Growth Stage (Days after forward pruning)	Thrips	Jassids	Mealybugs	Mites	Caterpillar
70-80	Moderate to high	Moderate to high	Moderate to high	Moderate to high	Moderate

Thrips

Monitor for thrips incidence by tapping the shoots and bunches over the white paper during the late morning or afternoon hours. Spraying emamectin benzoate 5 SG @ 0.22 g/L (PHI 25 days) water is effective for managing thrips and caterpillars.

Jassids

Jassids population can be monitored by holding the shoots and leaves and looking for nymphs and adults both over the upper and lower surface. Spraying emamectin benzoate 5 SG @ 0.22 g/L (PHI 25 days) water is effective for management of jassids.

Mealybug

The temperature is likely to rise with fall in humidity in Pune, Nashik, Solapur, Sangli and Bijapur areas. Mealybug population may increase due to increase in temperature. Monitor the mealybug population by the presence of ant movement and sticky honeydew in the leaves, bunches and cordons. If mealybug infestation is seen, remove the loose bark and spray buprofezin 25 SC @ 1.25 ml/l (PHI 40 days).

Mites

Mite population may increase with increase in temperature. Monitor for mites by looking over the under surface of the leaves for webbings made by mites. If mite infestation is seen, then Jet spray of 1000 litres of water per acre should be given for removal of mites along with the webs from the leaves during the morning hours. Sulphur 80 WDG @ 1.5 -2.0 g/L water (PHI 7 days) can be used where mite infestation is noticed.

Pre harvest interval (PHI) mentioned in the Annexure V of the Residue Monitoring Plan (RMP) must be adhered to.

2.2 पादप वृद्धि नियामक प्रबंधन Plant growth regulator management

Importance of thinning in berry setting:-

Grape inflorescence has large number of flowers. If all the flowers may result into development of berry, large number of berries will be set into bunch and bunch becomes compact. In such case berry size remains smaller (shorter). To avoid such conditions thinning becomes important task/operation in production of table grapes. The importance of thinning is discussed below –

- Thinning reduces compactness of bunch.

- Thinning reduces distribution of nutrients and food material into berries.
- Thinning helps to get proper / per leaf size of berries which has greater market value.
- Thinning reduces growth of diseases and insects due to reduction in compactness of bunch.

There are two ways to do thinning –

1. Manually with the help of labour: Rachis are cut with the help of scissors, but this is very laborious work.
2. Use of GA₃.

Use of GA for thinning in grapes –

Application of GA at the stage of 50% flowering with concentration 40 ppm found useful for thinning of bunch.

At the same stage water stress also found useful for thinning.

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2. कीट प्रबंधन Insect pest management: डॉ. अमला उदयकुमार Dr. Amala U.
3. मौसम पूर्वानुमान Weather forecast: श्री प्रसाद सी नवले Mr. Prasad C. Navale:\

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 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.