

### Vineyard Scouting Calendar

Vine growth stage	Bud swell	1-5" shoot	8-12" shoot	Pre-bloom	Bloom	Pea-sized
<b>Insects</b>						
Cutworm	+	+				
Rose chafer				+	+	+
Grape berry moth				+	+	+
Grape leafhopper				+	+	
Potato leafhopper			+	+	+	
Japanese beetle						
<b>Diseases</b>						
Phomopsis		+	+	+	+	+
Black rot		+	+	+	+	+
Downy mildew			+	+	+	+
Powdery mildew		+	+	+	+	+
Botrytis bunch rot					+	
Anthracnose		+	+	+	+	+

Usual time for monitoring and control.
  Lesser risk, but monitoring and control may still be required.
  Dormant sprays
 + Potential period of insect activity or disease infection risk.

### Vineyard Scouting Calendar

Vine growth stage	Berry touch	Bunch closing	Veraison	Pre-harvest	Harvest	Post-harvest
<b>Insects</b>						
Cutworm						
Rose chafer						
Grape berry moth	+	+	+	+	+	+
Grape leafhopper	+	+	+	+	+	
Potato leafhopper	+	+	+			
Japanese beetle		+	+	+		
<b>Diseases</b>						
Phomopsis	+	+	+	+	+	
Black rot	+	+	+			
Downy mildew	+	+	+	+	+	+
Powdery mildew	+	+	+	+	+	+
Botrytis bunch rot		+	+	+	+	
Anthracnose	+	+	+	+	+	

Usual time for monitoring and control.
  Lesser risk, but monitoring and control may still be required.
 + Potential period of insect activity or disease infection risk.

This information is from Michigan State University Extension's handy pocket-sized guide for grape IPM scouting. Order at <http://www.bookstore.msue.msu.edu/>