

Time of Year	Pest	Scouting Comment
Delayed Dormancy	Cutworm	Look for damage; insects will not always be visible
	Trunk Diseases	Weak canopy growth, dead arms and spurs, dark coloration of exposed wood, sometimes in a wedge shape
	Weeds	Understand the weeds you have in your vineyard

Budbreak	Cutworms	Look for damage; insects will not always be visible
	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Powdery Mildew	Flag shoots (infected buds produce shoots covered in mildew)
	Trunk Diseases	Weak canopy growth, dead arms and spurs, dark coloration of exposed wood, sometimes in a wedge shape

Rapid Shoot Growth	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Leafhoppers	Look for damage (white/yellow spotting or stippling), clear, bean-shaped eggs on undersides of leaf; insects will not always be visible
	Phylloxera (insects)	Insects active; dig near vines that have a history of low vigor
	Pierce's Disease	Look for burnt leaf margins and "matchstick" petioles that remain on the vine after leaf has fallen off. Cane browning does not appear uniformly.
	Powdery Mildew	Chlorotic spots that later become silvery white patches on leaves, fruit. Severe infections will show up later as brown/black scarring on canes
	Sharpshooters	Use sticky traps
	Thrips	Feeding on early shoot growth will curl, stunt, and turn black
	Weeds	Understand the weeds you have in your vineyard
	Western Grape Leaf Skeletonizer	"Skeletonized leaves", barrel-shaped eggs laid on lower leaves. If eggs are scattered on leaf/not laid in neat rows, they may be infected with Granulosis virus.

Bloom to Veraison	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Leafhoppers	Look for damage (white/yellow spotting or stippling), clear, bean-shaped eggs on undersides of leaf; insects will not always be visible
	Pierce's Disease	Look for burnt leaf margins and "matchstick" petioles that remain on the vine after leaf has fallen off. Cane browning does not appear uniformly.
	Powdery Mildew	Chlorotic spots that later become silvery white patches on leaves, fruit. Severe infections will show up later as brown/black scarring on canes
	Sharpshooters	Use sticky traps
	Thrips	Fruit can be marred by scarring and "halo-spotting" where eggs were laid
	Weeds	Understand the weeds you have in your vineyard
	Western Grape Leaf Skeletonizer	"Skeletonized leaves", barrel-shaped eggs laid on lower leaves. If eggs are scattered on leaf/not laid in neat rows, they may be infected with Granulosis virus.

Veraison	Botrytis Bunch Rot	Less common than sour rot in AZ. Look for grey, fuzzy mold
	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Fruit flies	Closely associated with sour rotten fruit
	Leafhoppers	Look for damage (white/yellow spotting or stippling), clear, bean-shaped eggs on undersides of leaf; insects will not always be visible
	Phylloxera (symptoms)	Pockets of weak, stunted vines in a circular pattern throughout the vineyard
	Pierce's Disease	Look for burnt leaf margins and "matchstick" petioles that remain on the vine after leaf has fallen off. Cane browning does not appear uniformly.
	Sharpshooters	Use sticky traps
	Sour Rot	Vinegar or sometimes nail polish smell, berries oozing fermented juice
	Virus Symptoms	Intervenal to blotchy redening in red varieties, chlorotic patterns in white. Rolled leaves may be present
	Weeds	Understand the weeds you have in your vineyard
Western Grape Leaf Skeletonizer	"Skeletonized leaves", barrel-shaped eggs laid on lower leaves. If eggs are scattered on leaf/not laid in neat rows, they may be infected with Granulosis virus.	

Harvest	Botrytis Bunch Rot	Less common than sour rot in AZ. Look for grey, fuzzy mold
	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Fruit flies	Closely associated with sour rotten fruit
	Phylloxera (insects)	Pockets of weak, stunted vines in a circular pattern throughout the vineyard
	Pierce's Disease	Look for burnt leaf margins and "matchstick" petioles that remain on the vine after leaf has fallen off. Cane browning does not appear uniformly.
	Sharpshooters	Use sticky traps
	Sour Rot	Vinegar or sometimes nail polish smell, berries oozing fermented juice

	Virus Symptoms	Intervenal to blotchy redening in red varieties, chlorotic patterns in white. Rolled leaves may be present
	Weeds	Understand the weeds you have in your vineyard

Post Harvest	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Phylloxera (insects)	Insects are active
	Pierce's Disease	Look for burnt leaf margins and "matchstick" petioles that remain on the vine after leaf has fallen off. Cane browning does not appear uniformly.
	Sharpshooters	Use sticky traps
	Virus Symptoms	Intervenal to blotchy redening in red varieties, chlorotic patterns in white. Rolled leaves may be present
	Weeds	Understand the weeds you have in your vineyard

Dormancy	Crown Gall	Scout in low-lying areas that tend to freeze, often low on the trunk. Galls will be light in color as they are actively growing, later turning brown
	Weeds	Understand the weeds you have in your vineyard