

<b>6.1 Vineyard monitoring for insect, mite, disease, weed, and vertebrate pests</b>			
<b>Category 4</b>	<b>Category 3</b>	<b>Category 2</b>	<b>Category 1</b>
<p>My PCA and/or I monitor the vineyard for insect, mite, disease, weed and vertebrate pests <u>at least once every 10 days</u> during the growing season and I keep a written record of the monitoring</p> <p><b>And</b></p> <p>For weeds I also monitor once a month during the dormant season.</p>	<p>My PCA and/or I monitor the vineyard for insect, mite, disease, weed and vertebrate pests <u>at least once every 14 days</u> during the growing season and I keep a written record of the monitoring</p> <p><b>And</b></p> <p>For weeds I also monitor at least once every two months during the dormant season.</p>	<p>My PCA and/or I monitor the vineyard for insect, mite, disease, weed and vertebrate pests <u>at least once every 21 days</u> during the growing season and I keep a written record of the monitoring</p> <p><b>And</b></p> <p>For weeds I also monitor at least once during the dormant season.</p>	<p>My PCA and/or I monitor the vineyard for insect, mite, disease, weed and vertebrate pests <u>at least once a month</u> during the growing season</p> <p><b>Or</b></p> <p>I do not keep a written record of my pest monitoring.</p>

### Monitoring tips for leafhoppers and mites

- Be consistent.
- Divide the vineyard up into 4 quadrants, such as northwest, northeast, southwest and southeast, and take samples from each of these areas each week. In this way it is less likely that you will miss a problem spot.
- Quantify your monitoring. Pick 10 leaves from each quadrant and count leafhopper nymphs and how many leaves have mites. Ten is a good number because it is easy to divide. If you find 35 leafhopper nymphs on 10 leaves then your average count is 3.5 per leaf; if 4 leaves have mites then 40% of the leaves have mites. Quantification will make it much easier to compare monitoring from one week to the next and one year to the next.
- Write your monitoring results down so you can then easily refer to these counts later.
- Look for insects and mites where they are likely to be found. Leafhoppers and Willamette mites will be on basal leaves from the beginning of the growing season to about the end of June, then further and further out on the canes as the year progresses. Also sample in known hotspots.



Not monitoring your vineyard for pests is like driving your truck without an instrument panel