## Problem Diagnosis Scenario #31
(Raspberry Virus)

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<th><strong>Problem</strong></th>
<th>My raspberries are small and shriveled up. What could be going on?</th>
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| **Description** | (July)  
Plants seem small and stunted compared with other years...foliage doesn't look right. |
| **Questions/Answers** |  
**Question**: Describe the foliage problem you are observing.  
**Answer**: There are bright yellow areas along the veins of the leaves.  
**Question**: What does the fruit look like?  
**Answer**: It ripens and tastes OK, but it is small and crumbly and falls apart in my hand.  
**Question**: What type of raspberry have you planted?”  
**Answer**: I believe we have Puyallups and Meekers.  
**Question**: Are there any other affected plants?  
**Answer**: Yes, the Marionberries are looking poor, too.  
**Question**: Have you experienced this problem previously?  
**Answer**: No, only this year. |
| **References** | [http://pnwhandbooks.org/plantdisease/node/3846/print](http://pnwhandbooks.org/plantdisease/node/3846/print) |

### Diagnosis
**Raspberry Bushy Dwarf Virus**: The effect varies on different varieties. The virus complex may not produce symptoms on the foliage of many cultivars but may cause crumbly fruit as in 'Meeker.' On 'Puyallup,' bright yellow areas along the leaf's main and smaller veins give the leaves a "network" appearance. In some red raspberry cultivars, faint ring and line patterns develop on leaves. The disease reduces growth and fruit yield in 'Meeker' and 'Canby' red raspberry, but the major impact is a reduction in fruit quality. Aphids are the vector most of the raspberry viruses.

### Recommended Action
**Cultural**: Use certified plant stock. 'Willamette' and 'Chilcotin' red raspberries are immune to raspberry bushy dwarf infection. 'Haida', 'Comox', and 'Heritage' are moderately resistant. Plant in large blocks to slow movement into new plants, especially if fields in the immediate area are infected.  
**Chemical**: No recommendations
Healthy   Affected