



This bulletin from the Cooperative Extension Plant Health Clinic (Plant Disease Clinic) is an electronic update about diseases and other problems observed in our lab each month. Input from everybody interested in plants is welcome and appreciated.

Rose

Rose Mosaic Virus (RMV), is a disease of roses caused by a virus complex. Prunus Necrotic Ringspot Virus (PNRSV), Apple Mosaic Virus (ApMV), and Arabis Mosaic Virus (ArMV), have been identified as components of the complex. These viruses may occur singly or together in a rose bush. RMV is endemic in the rose trade, as it is passed from plant to plant via vegetative propagation from an infected plant, or through grafting from infected stock during rose production. Symptoms are extremely variable, depending on rose variety, the virus, and the environment. Leaves may show bright yellow to white mosaic patterns, banding, wavy lines, blotches, oak leaf patterns, or net-like patterns. Rose Mosaic Virus can also cause flower distortion, reduced flower size, reduced vigor, reduced winter hardiness, and a shortened life-span. Usually, only a few leaves show the symptoms which may disappear later in the season. Rose Mosaic Virus is not contagious in the garden with the possible exception of naturally occurring root grafts. Viruses are not curable. Once a rose has the virus, it is always present whether there are visual symptoms or not.

Rose Mosaic Virus (RMV)



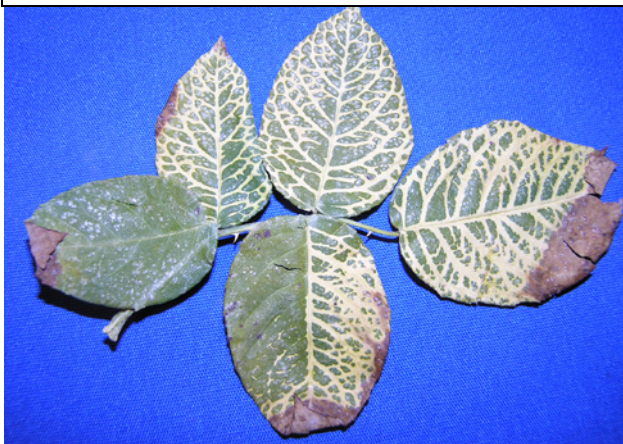
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Rose Mosaic Virus (RMV)



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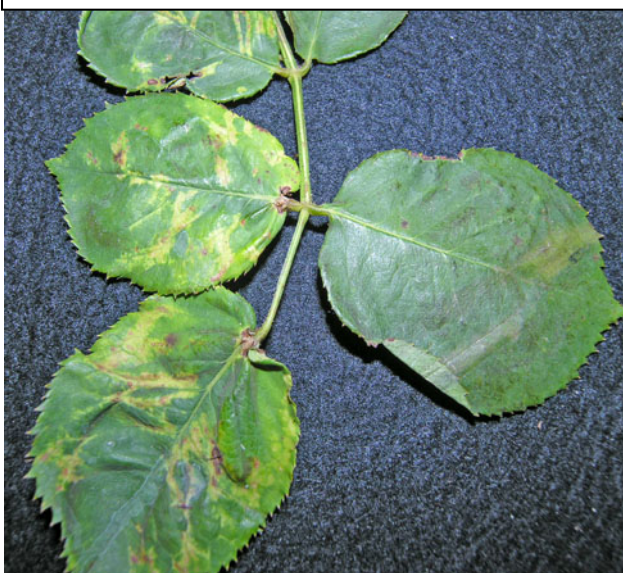


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Herbicide damage to ornamentals

The Plant Health Clinic is diagnosing a number of ornamental plant samples with herbicide damage. Homeowners should be aware that broad leaved ornamentals can be killed or injured by contact with herbicides. Roundup will drift up to 1500 feet from the point of origin if there is a breeze. I'm finding many homeowners are actually weeding in or around the garden with Roundup or 2-4-d.

Dogwood Roundup damage



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Pear 2,4-D damage



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Rose Roundup damage



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Hydrangea Roundup damage



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Oak with unidentified herbicide damage



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