

ROSE ROSETTE DISEASE

Identification and Management



Rose rosette disease symptoms:

1. Early symptoms of RRD.
2. Witch's broom.
3. Excessive thorns.
4. Excessive red pigmentation.
5. Leaf deformations.
6. Early infection on Knock Out roses.
7. Severe infection of RRD on drift roses.



RRD look-alikes:

8. Herbicide injury.
9. Injury caused by chilli thrips.
10. Normal red pigmentation of rose foliage.

Integrated Disease Management of Rose Rosette Disease

1. Buy disease-free, healthy roses from reliable sources.
2. Plant roses in well-drained, fertile soils in sunny locations.
3. Plant roses at wider spacing to reduce mites crawling from plant to plant.
4. Follow a proper fertilization program for healthy, vigorous growth.
5. Follow recommended pruning practices to avoid unnecessary stress to roses.
6. Familiarity with rose rosette disease symptoms and its look-alikes is critical in successful management of the disease.
7. Scout for rose rosette disease regularly. If the disease is suspected, consult your local horticulture specialist for confirmation.
8. Remove symptomatic plants immediately and discard them properly. Double bag infected material before disposing of it. Remove all plant debris from infected sites.
9. Spray registered miticides to manage eriophyid mites on roses.
10. Clean tools, clothes and hands to avoid carrying mites from infected to healthy roses. Commercial landscapes must avoid cross-contamination between healthy and infected sites.
11. Remove wild roses from the neighborhood. They may harbor both RRD virus and eriophyid mites.

Authors:

Raj Singh, LSU AgCenter
Mark Wilson, LSU AgCenter
Allen Owings, LSU AgCenter (retired)
Mark Wingham, University of Tennessee

Visit our website: www.LSUAgCenter.com

William B. Richardson, LSU Vice President for Agriculture, Louisiana State University
Agricultural Center, Louisiana Agricultural Experiment Station
Louisiana Cooperative Extension Service, LSU College of Agriculture
MISC-278 (500) 9/18

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