

Procedure for isolating *Rhodococcus fascians*

February 2006

- Wash the symptomatic tissue to remove any soil particles, but do not do an extended wash as the bacteria will be removed. Do not treat with bleach.
- Select a small piece of symptomatic tissue and make sure there is no obvious soil on it.
- Put the tissue into sterile saline, 0.01 M phosphate buffer or D2 broth. Chop up or leave whole.
- Incubate at room temperature for 30 minutes to no more than 2 hr.
- Streak onto D2 plates.
- Incubate for 7 days at 27 C. Look for small bright yellow-orange colonies.

For D2 recipe see “Laboratory Guide for Identification of Plant Pathogenic Bacteria, 3rd Edition” from APS Press, St. Paul, MN.