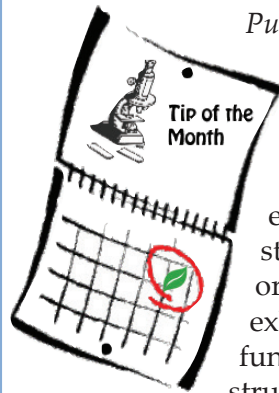


Diagnostic Updates

3-D Riker Mounts For Bulky Samples

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Have you had just the perfect example of a stem canker or trunk rot exhibiting fungal fruiting structures that you wanted to preserve

for teaching? With this easy method using clear packing tape to expand the width needed and seal the mount, you can convert two of the glass covers from Rikers into one perfect 3-D Riker mount for small, bulky sections of branch or small diameter tree trunks. (Figs 1, 2) The 360 degree visibility allotted by the two-sided glass Riker mount allows for viewing access to all sides of a girdling canker and any associated fungal growth or bacterial ooze. (Fig 3, 4) This method will also work well for 3-D preservation/observation of insects on bulky plant material or the 3-D display of lichen on branch segments. Use your creativity and expand your collection of Riker mounts to improve hands-on teaching opportunities for First Detector trainings. 🌿



Figs 1, 2, 3. Cankers of chestnut blight (*Cryphonectria parasitica*). Fig 4. Southern blight (*Sclerotium rolfsii*) on the trunk of a young apple tree. Photos courtesy of Gail Ruhl, Purdue University.