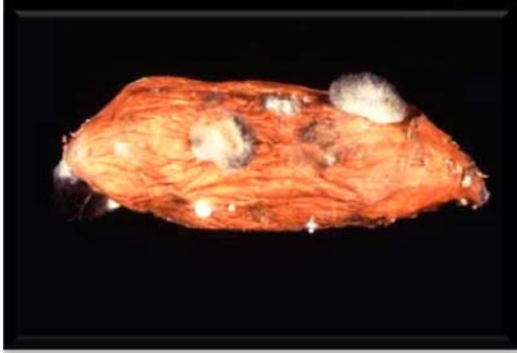


Scholar SC Sweet Potato Technical Bulletin

By Dr. Alex Cochran, Syngenta Postharvest Technical Manager



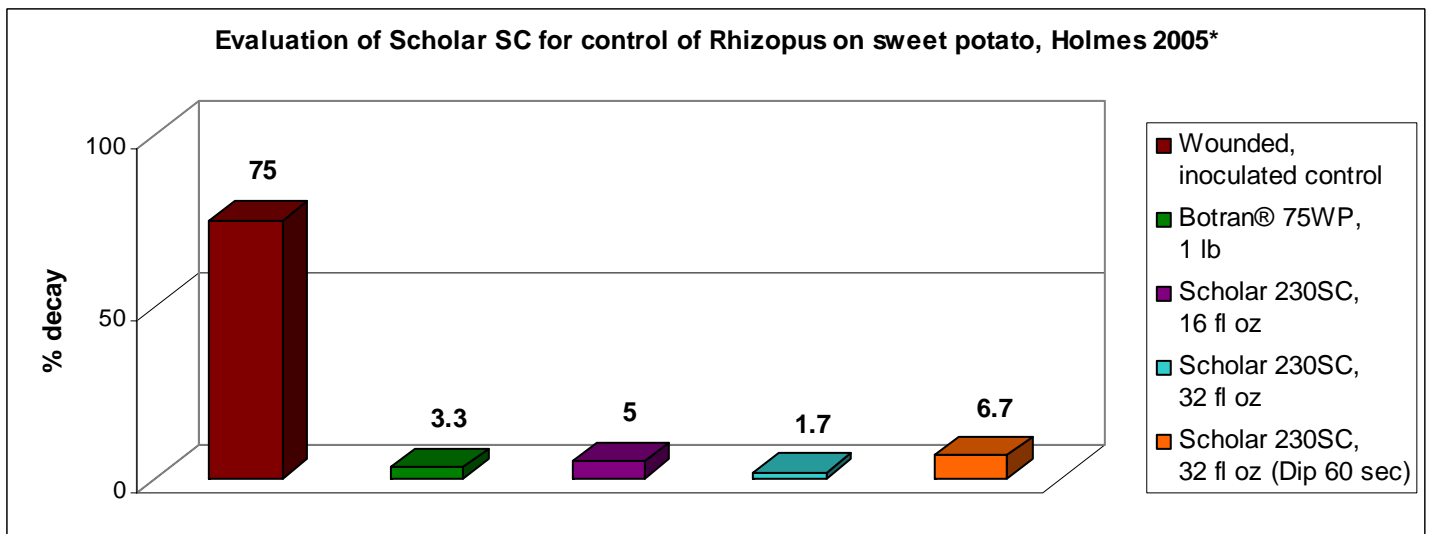
Scholar[®] SC fungicide contains the active ingredient fludioxonil and is now registered for postharvest use on sweet potato. This product is highly effective at controlling *Rhizopus* soft rot during storage and shipment. Scholar SC has been thoroughly researched in all key production areas of the U.S. Results indicate that this product is most effective when applied at 16 to 32 fluid ounces per 100 gallons of water/wax applied as a drench/flood. Applications can also be made as a non-recovery spray at 16 fluid ounces of Scholar SC per 200,000 pounds of sweet potatoes treated (see use directions below). Scholar SC remains present on the sweet potato surface throughout handling and transportation, and it offers broad-spectrum decay control.

Application method	Disease	Rate (fl oz)	Remarks
In-line dip/drench	Rhizopus rot	16-32 fl oz/100 gals	<ul style="list-style-type: none"> Mix 16-32 fl oz of Scholar SC in 100 gals of water, wax/emulsion or aqueous dilution of wax/oil emulsion. Dip for approximately 30 seconds and allow fruit to drain. Add 8 fl oz of Scholar SC to 100 gals of treating suspension after 500 bushels are treated. After each 1,000 bushels treated, drain and flush the tank. Refill with fresh dip suspension.
In-line aqueous or fruit coating spray	Rhizopus rot	16 fl oz/200,000 lbs of sweet potatoes	<ul style="list-style-type: none"> Ensure proper coverage of the fruit. Mix 16 fl oz of Scholar SC in an appropriate water, wax/oil emulsion or aqueous dilution of a wax/oil emulsion for the crop being treated. Use T-Jet, CDA or similar application systems.

Do not make more than one postharvest application to the sweet potatoes.

Research:

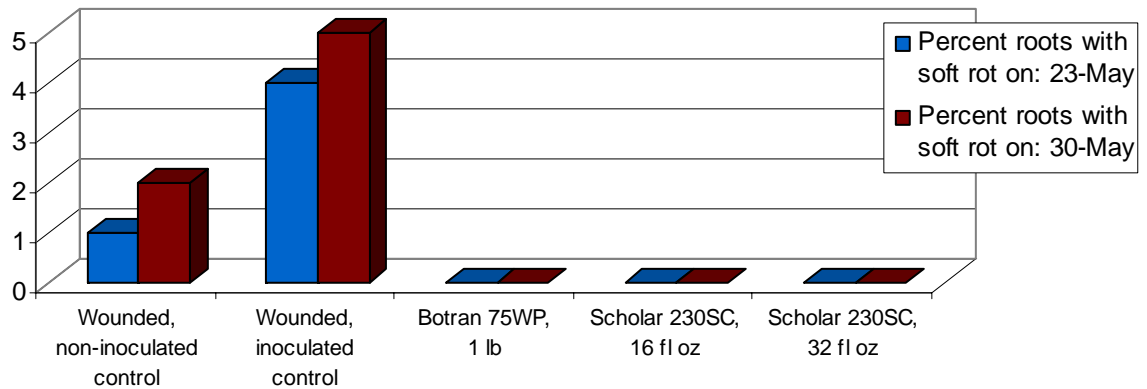
Leading U.S. universities including North Carolina State (Dr. Gerald Holmes), LSU (Dr. Christopher Clark) and the University of California, Riverside (Dr. Jim Adaskaveg) have carried out Scholar SC research. The tables below highlight these results.



*The actual study was done with the Scholar WP formulation.

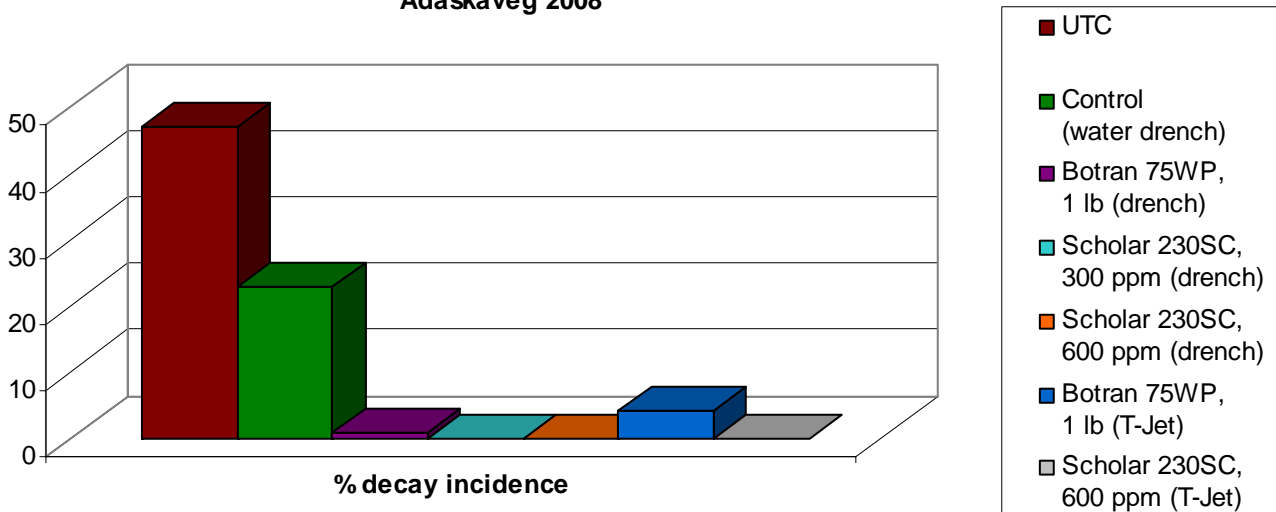
16 fl oz Scholar SC = 0.5 lb Scholar WP and 32 fl oz Scholar SC = 1 lb Scholar WP

**Evaluation of Scholar SC for control of *Rhizopus stolonifer* on sweet potato
Clark 2005***



*The actual study was done with the Scholar WP formulation.
16 fl oz Scholar SC = 0.5 lb Scholar WP and 32 fl oz Scholar SC = 1 lb Scholar WP

**Evaluation of Scholar SC and Botran for control of *Rhizopus* decay on sweet potato,
Adaskaveg 2008**



Scholar SC offers many technical features that make it the best decay solution for your produce, including:

1. Highly effective decay control
2. Broad spectrum of activity
3. Flexibility in usage (spray/drench)
4. Lasting residual control

Should you have questions, please contact Alex Cochran, Postharvest Technical Manager, at (916) 380-2577 or at alex.cochran@syngenta.com.



For more information, visit www.syngentacropprotection.com, www.PostharvestUniversity.com or call the Syngenta Customer Center at 1-866-SYNGENT(A) (796-4368)

©2010 Syngenta Crop Protection, Inc. 410 Swing Road, Greensboro, NC 27409. **Important: Always read and follow label instructions before buying or using Syngenta products. The instructions contain important conditions of sale, including limitations of warranty and remedy.** Scholar® and the Syngenta logo are registered trademarks of a Syngenta Group Company. Botran® is a registered trademark of Gowan Company, LLC.