

DuPont™ Curzate® 60DF, Manzate® Pro-Stick™ and Tanos® fungicides

Count on DuPont for superior downy mildew control

Last year, favorable weather conditions and heavy disease pressure forced cucurbit growers from Florida to Maine to fight one of their most difficult battles against downy mildew. This year, downy mildew outbreaks already have been reported in Florida, and that's bad news for growers up and down the coast.

These outbreaks will lead to severe losses for many Florida growers. They also will provide a source of downy mildew inoculum that will spread readily up the East Coast. Fortunately, when downy mildew threatens, a proven fungicide program that includes DuPont™ Tanos®, Curzate® 60DF and Manzate® Pro-Stick™ provides excellent control to help preserve yields.

A proven program for downy mildew control

- 1st spray: Apply 8 ounces of Tanos® + 2 pounds of Manzate® Pro-Stick™ per acre

- 2nd spray: Apply 5.0 ounces of Curzate® 60DF + chlorothalonil (e.g., Bravo, Echo) or 2 pounds of Manzate® Pro-Stick™ per acre.
- Continue this alternating program throughout the season.

How the program works

Tanos® (active ingredients: Famoxadone and Cymoxanil) helps to reduce the anxiety of uncertain performance on a wide range of tough fungal and bacterial diseases that threaten cucurbit production.

Curzate® 60DF (active ingredient: Cymoxanil) stops unseen infections even when applied up to three days after infection has taken place.

Manzate® Pro-Stick™ (active ingredient: mancozeb) offers excellent rainfastness and delivers superior disease control through multiple modes of action, helping to prevent the development of resistance to the other active ingredients in the program.



Tanos®, Curzate® 60DF and Manzate® Pro-Stick™ help increase yields



Source: NCSU, 2004

Cost-effective control and improved yields

| Fungicide program | Cost/season/A* | Yield (lbs)/A | Value/A(\$)** |
|-------------------------------------------------|----------------|---------------|---------------|
| Tanos® + Manzate® alt. Curzate® 60DF + Bravo | \$170.00 | 11,929 | \$3,734.04 |
| Previcur Flex + Bravo | \$205.00 | 7,592 | \$2,279.65 |
| Bravo | \$105.00 | 1,674 | \$442.85 |
| Pristine alt. Bravo | \$195.00 | 411 | (\$60.49) |
| Quadris alt. Bravo | \$195.00 | 87 | (\$167.03) |
| Cabrio alt. Bravo | \$152.50 | 50 | \$136.14 |

* Estimated cost based on 10 applications per season, yield data from 2004 NCSU trial.

** Value/acre = market place (1 1/9 bushel carton cucumber (July 2004) at \$18 x cartons/acre less fungicide cost/season.

More complementary chemistries . . . for broad-spectrum protection you can count on

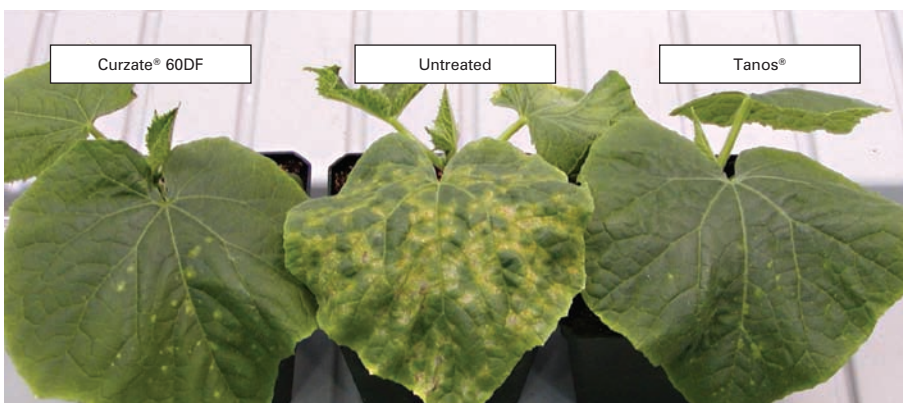
| Famoxadone | Cymoxanil | Mancozeb |
|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------|
| Blocks fungal cell respiration and energy production | Delivers superior "kick back" control of unseen infections | Provides preventive activity with good residual |
| Inhibits spore germination and mycelial growth | Penetrates into foliage and stems, locally systemic | Delivers broad-spectrum, multisite control |
| Fixes on and within the plant's cutical waxes — rainfast in one hour | Offers unique induced host response plant defense | New formulation provides superior rainfastness |

Late season disease control to protect your crop



Tanos® + Manzate Pro-Stick™ alternated with Curzate® 60DF + Bravo

Tanos® and Curzate® 60DF curative activity



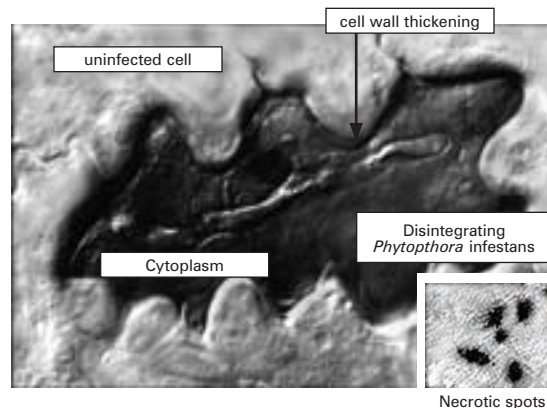
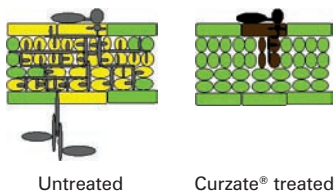
Fungicides applied 24 hours after initial infection. Curzate® 60DF and Tanos® significantly reduced growth and sporulation. DuPont Stine-Haskell Research Center 2005.



Untreated

Hypersensitive (host defense) response induced by Curzate® 60DF

Unique action stops invasion and sporulation



Source: R. Howard, Proc. Brighton Crop Protection Conference — Pests and Diseases 3, 393-396 (1996)

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use and product warranty and liability limitations that must be read before using the product. Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank mix combinations.

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For more information

Don't let downy mildew get the best of your crop. See your DuPont crop protection retailer or call your local DuPont representative for more information about protecting your cucurbits with DuPont™ Curzate® 60DF, Manzate® Pro-Stick™ and Tanos®. And visit us on the Web at cropprotection.dupont.com.



The miracles of science™