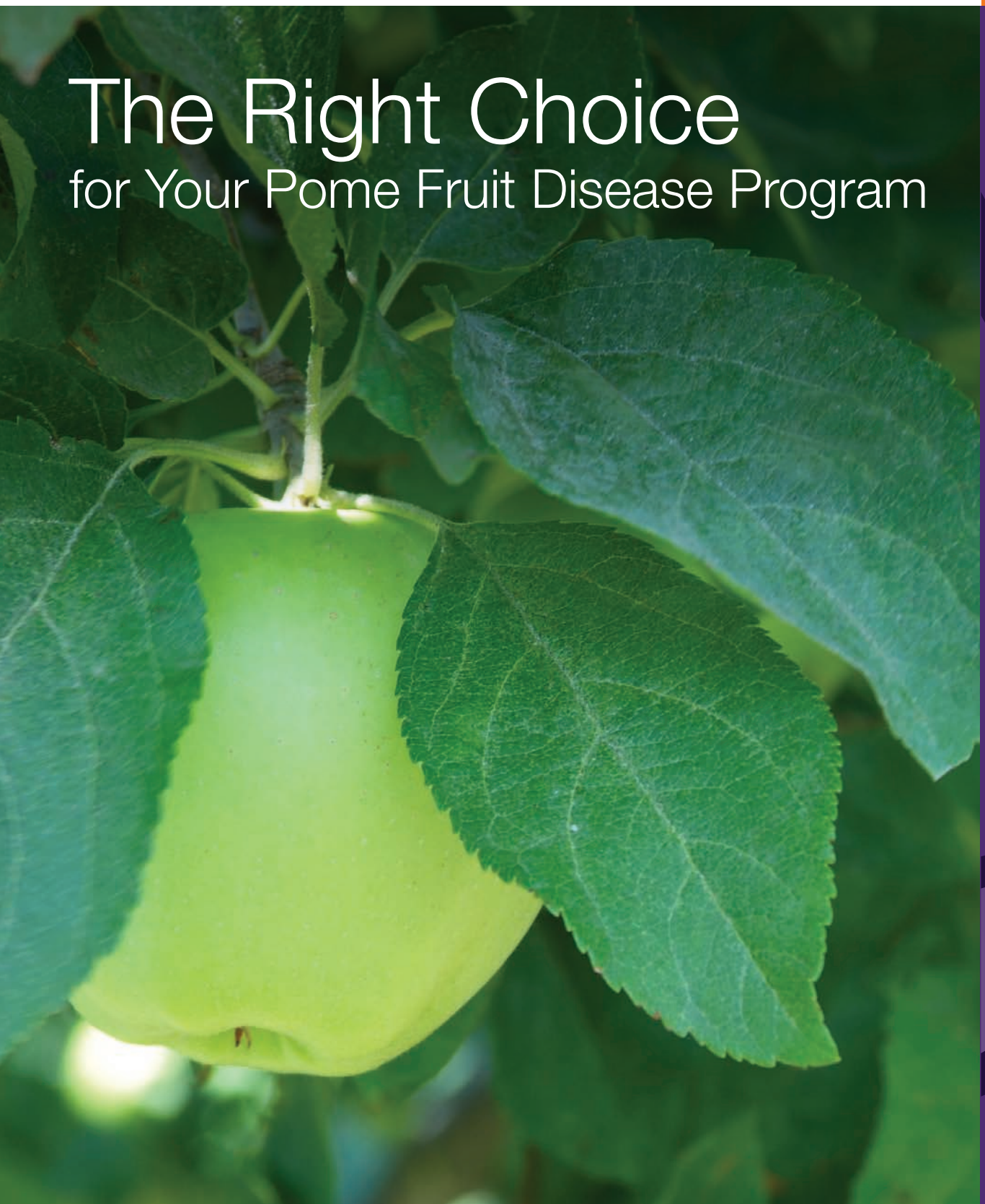
Aprovia®

syngenta®

The Right Choice
for Your Pome Fruit Disease Program



Groundbreaking Fungicide

Aprovia® fungicide, from Syngenta, is the next generation fungicide for long-lasting disease control in pome fruit. Aprovia delivers enhanced, broad-spectrum disease control through a powerful, breakthrough active ingredient, Solatenol® fungicide. Packed with more power than current standards, Aprovia inhibits infection, and helps prevent the spread of existing disease, to provide superior control of apple scab and powdery mildew at a lower use rate. It also demonstrates excellent activity on many other foliar diseases and soil pathogens in pome fruit, such as cedar apple rust and summer diseases.

As a solo product, Aprovia enables flexibility when choosing tank-mix partners and fits well in rotation with other products such as Inspire Super® fungicide to create a full-season disease control program

Key Features

- Breakthrough active ingredient – Solatenol fungicide
- Broad-spectrum activity
- Translaminar movement
- Excellent preventive activity
- Exceptional rainfastness
- Flexible application timing
- Compatible with other products

Diseases Controlled

- Apple scab
- Powdery mildew
- Fly speck
- Sooty blotch
- Cedar apple rust

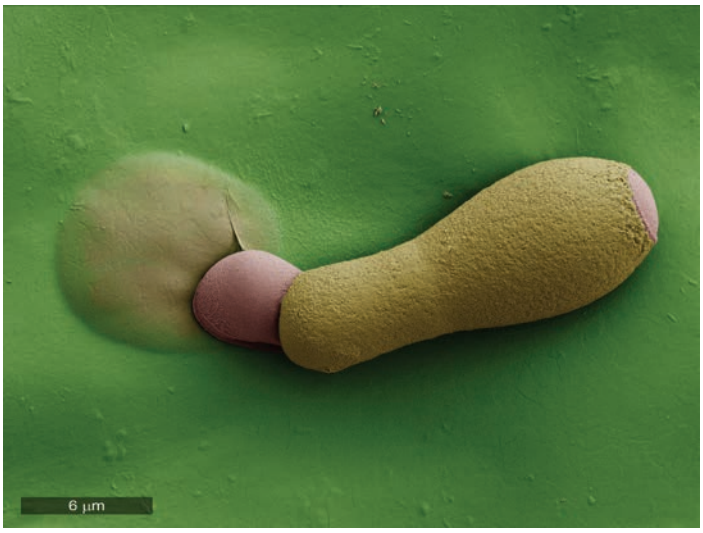
Aprovia Activity on Apple Scab

When applied preventively or when apple scab risk is the highest, growers will get the most benefit from Aprovia. Its robust protection gives growers the protection they need and extends their spray interval under optimal conditions. In addition, Aprovia has demonstrated curative activity and can be used in a calendar spray program.

As shown in the photos below, the untreated spore germinates and penetrates the cuticle just five days after infection. This grows the hyphae and produces more spores. The spore treated with Aprovia collapses the hyphae after five days, ending any further production of spores.

Preventive Application: Stops spores from germinating

Untreated



1 day preventive Aprovia

Curative Application: Aprovia applied 5 days after infection and has killed the mycelia

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Aprovia Field Performance

Aprovia provides excellent control and resistance management of apple scab as seen in the three years of trials below.

In the 2011 trial below with known demethylation-inhibitor-resistant apple scab strains present, Aprovia provides a suitable alternative to Rally® fungicide.

2011/Reality Research/NY

Treated with Rally

Treated with Aprovia

In this 2013 trial below with known demethylation-inhibitor-resistant apple scab strains present, Aprovia once again shows superior disease control over Topguard® fungicide.

2013/Cox/NY

Treated with Topguard

Treated with Aprovia

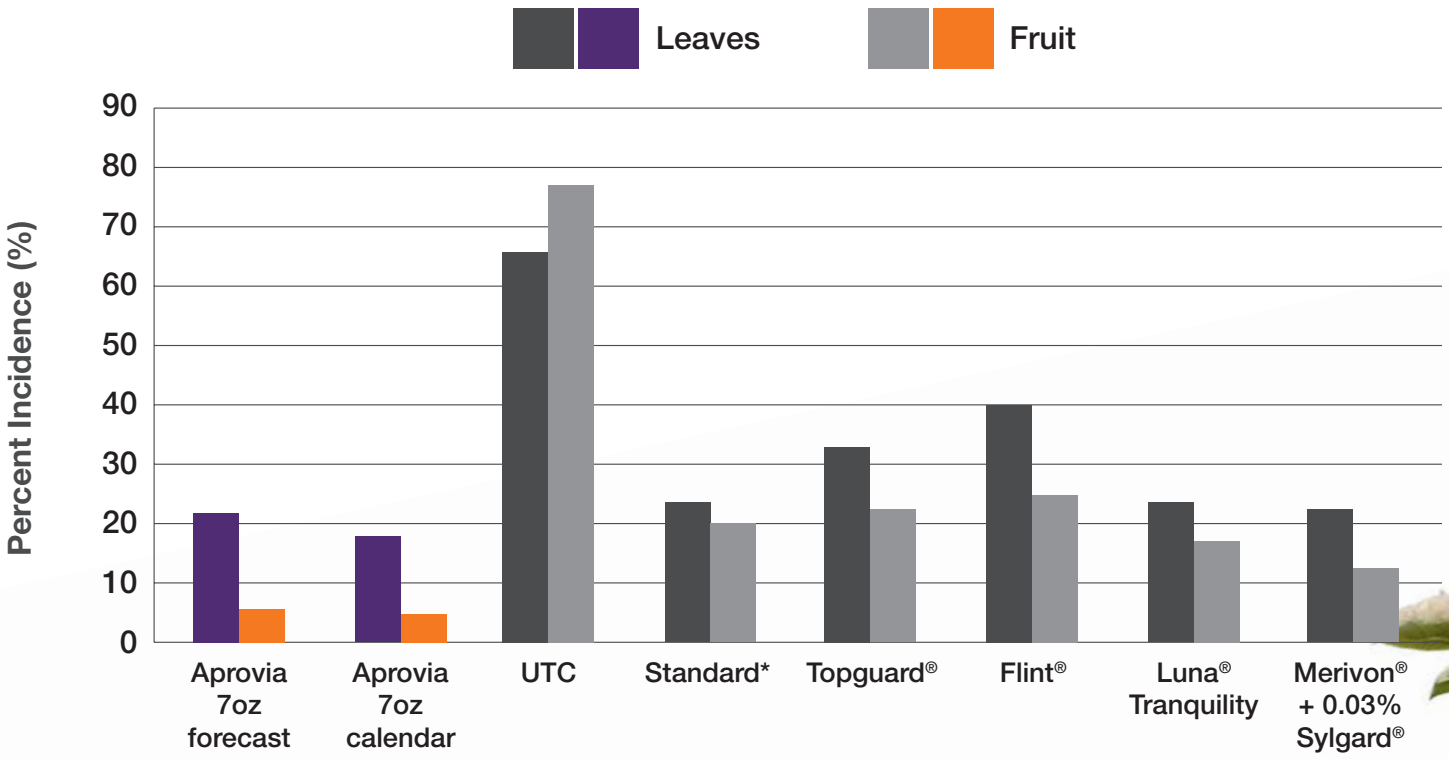
In the 2014 trial below, Aprovia shows excellent control when heavy apple scab infection is present.

2014/Sundin/MSU

Untreated

Treated with Aprovia

Control of Apple Scab



USEC0F117/2014/NY/Cox
Variety: Empire

*Koverall® and Captan®
Koverall and/or Captan used in rotation with all other treatments listed

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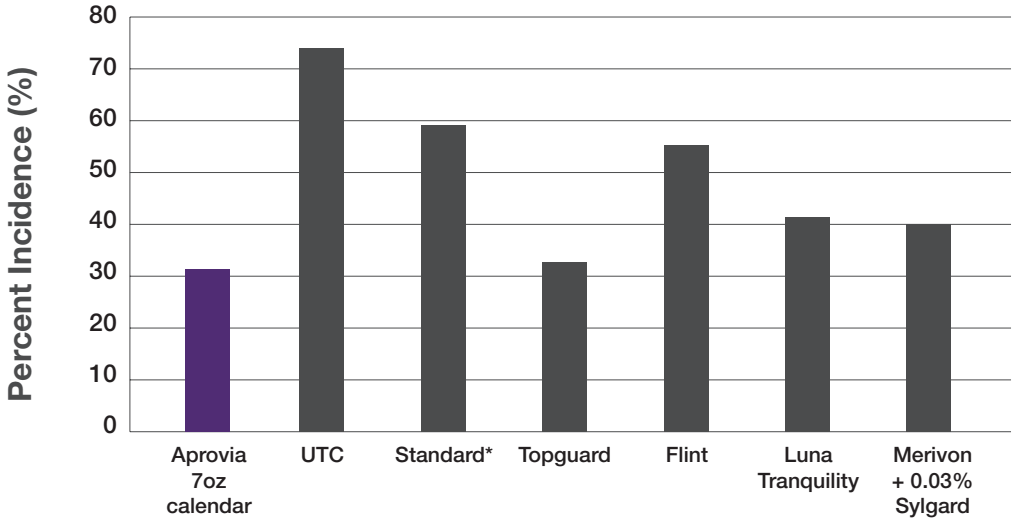
Aprovia Efficacy on Powdery Mildew in Apples

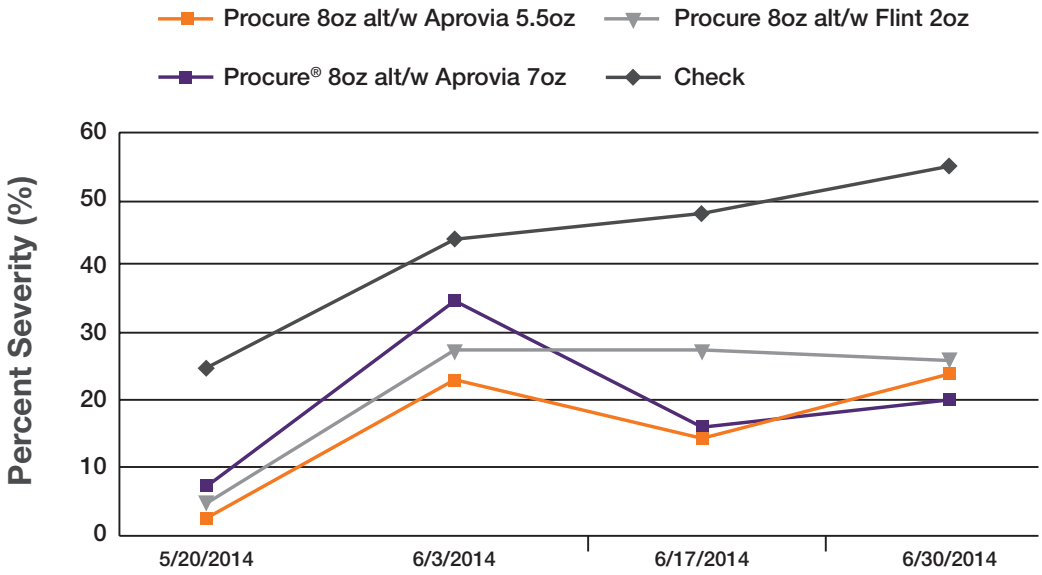
Aprovia also provides excellent powdery mildew control and can be used in an apple spray program for resistance management.

Control of powdery mildew on Jonagold



USEC0F117/2014/NY/Cox
Variety: Jonagold
*Koverall and Captan
Koverall and/or Captan used in rotation with all other treatments

Solatenol-based fungicide treatments for control of Podosphaera leucotricha



USWF0F139/2014/WA/Rohlfs
Variety:Honey Crisp
App Dates: 4/8 ; 4/18 ; 4/28 ;5/8 ; 5/20 ; 5/29 ; 6/9
Aprovia treatments included 0.25% Kinetic

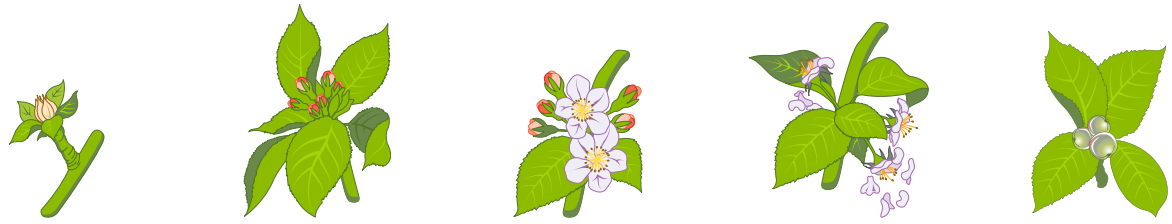
Timing and Usage

Growers can rely on Aprovia to help prevent diseases in their orchards when correct application timing and usage rates are followed.

- For apple scab, Aprovia should be used at a rate of 4.2 to 7 oz/A every 7 to 10 days or within 48 hours of forecast of infection.
- For powdery mildew, use 7 oz/A at the key stages or timings in your area. Don't use more than two sequential applications before alternating to a different mode of action.

Growers concerned primarily with apple scab should apply between bloom and petal fall. Trees are under the maximum risk from apple scab during this period because of high potential for infection of unprotected tissue between spray applications. For powdery mildew issues, growers should apply between pink and petal fall. Its excellent efficacy makes Aprovia a great fit when the risk of infection is highest.

Recommended Spray Program



	Pre-Bloom	Pink	Bloom	Petal Fall	Covers
Apple Scab	InspireSuper® FRAC 3 and FRAC 9		Aprovia® FRAC 7		InspireSuper® FRAC 3 and FRAC 9 or FRAC 11 and FRAC 7 or FRAC 11
Powdery Mildew in Eastern U.S.	InspireSuper® FRAC 3 and FRAC 9		Aprovia® FRAC 7		InspireSuper® FRAC 3 and FRAC 9 or FRAC 11 and FRAC 7 or FRAC 11
Powdery Mildew in Western U.S.			Aprovia® Spray on a 14-21 day interval when conditions are conducive for disease		

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For more information about Aprovia, visit **www.syngentacropprotection.com/Aprovia** or contact Syngenta at **866-797-4368**.
Join the conversation online – connect with us at **social.syngentaus.com**.

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