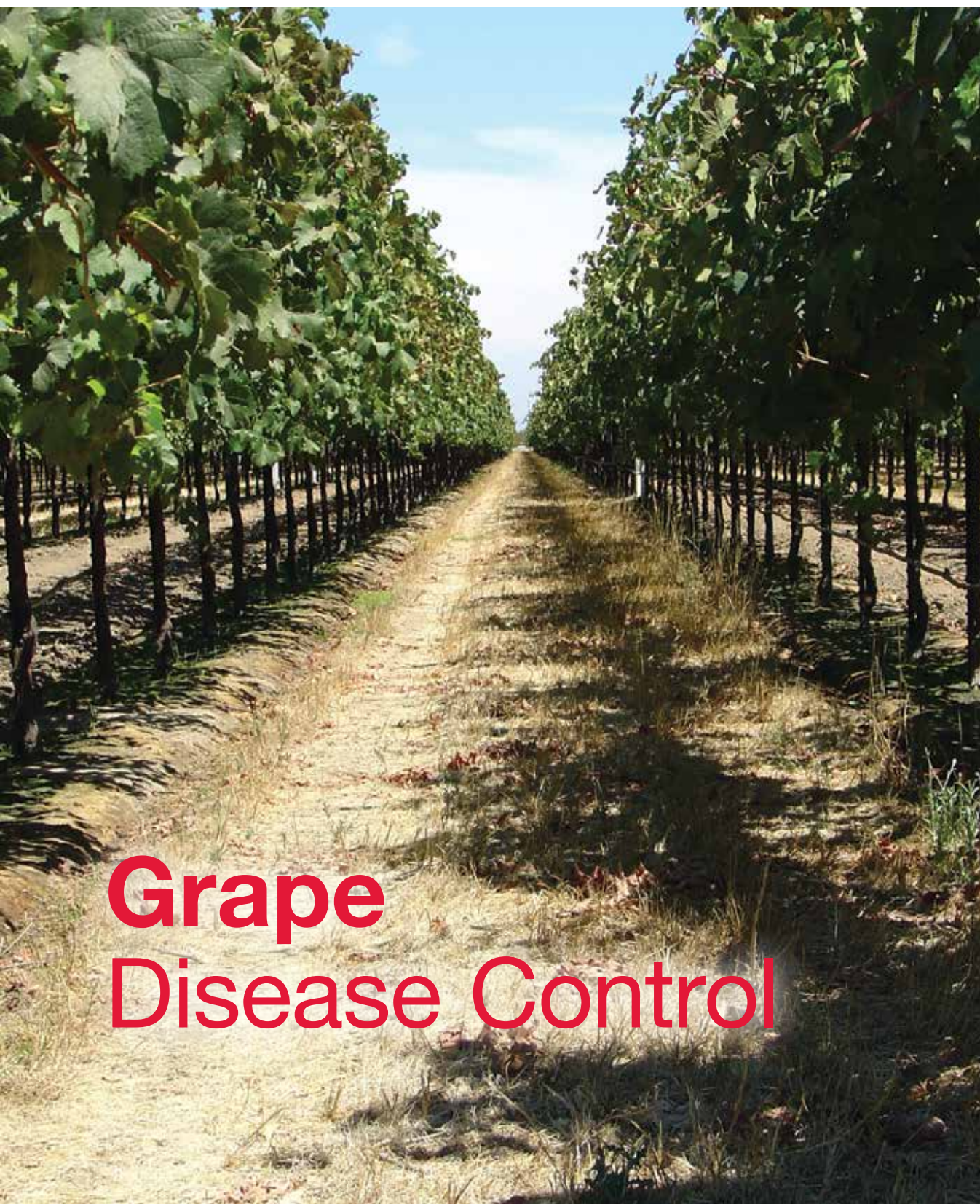




 **Inspire Super**[®]

syngenta[®]



Grape Disease Control



Grape Disease Control

Inspire Super[®] fungicide from Syngenta combines outstanding powdery mildew control with excellent Botrytis activity. The Syngenta portfolio of grape fungicides (Inspire Super, Quadris Top[®], Vanguard[®] and Switch[®]) offers multiple modes of action for control on the toughest grape diseases.

Inspire Super is a premix of difenoconazole (Inspire[®] fungicide, Fungicide Resistance Action Committee [FRAC] Group 3) and cyprodinil (Vanguard, FRAC Group 9). This super combination has very broad-spectrum activity that goes beyond what any single product can deliver. Think of Inspire Super as a super Vanguard equipped to provide excellent control of both powdery mildew and Botrytis. The active ingredients in Inspire Super offer rapid uptake into plant tissues with both systemic (cyprodinil) and translaminar (difenoconazole) movement. With activity against spore penetration and mycelial growth, Inspire Super has preventive, systemic and curative properties. And because the mixture is unique, Inspire Super is an excellent rotation partner for fungicides containing strobilurin and/or SDHI chemistry (FRAC Group 11 and FRAC Group 7).

Combining a trusted chemistry with a world-leading triazole, Inspire Super offers exceptional grape disease control. Providing rapid uptake and quick rainfastness with flexible application options, Inspire Super easily fits into disease control programs for optimal yield and quality. For top-notch grapes, use the product that's top of its class: Inspire Super.



Product Benefits

- Rapid uptake for excellent rainfastness
- Unique combination product offering multiple modes of action for resistance management
- Translaminar and systemic movement
- Powdery mildew and Botrytis control plus other diseases
- IPM compatible
- Reachback activity and good residual
- Excellent rotation partner for fungicides containing strobilurin and/or SDHI chemistries
- Re-entry interval (REI) of 12 hours
- 14-day preharvest interval (PHI)
- No taint of wine
- No effect on fermentation

Syngenta Grape Fungicide Efficacy

Disease	Quadris Top	Inspire Super	Vanguard	Switch	Abound®
Powdery Mildew	++++	++++	++	Not Registered	+++
Botrytis	++	++++	++++	++++	++
Phomopsis	++++	Not Registered	Not Registered	Not Registered	++++
Sour Rot	Not Registered	Not Registered	Not Registered	++++	Not Registered
Black Rot	++++	+++	Not Registered	Not Registered	++++

 Equal to top commercial standards








 Good activity, reliable control

 Moderate/Suppressive side effect

 Not registered



Syngenta Options – Grape Fungicides

EARLY SHOOT TO PREBLOOM	Abound (Phomopsis)	 Abound [®]	Quadris Top (Powdery mildew)	 Quadris Top [®]		
BLOOM TO BERRY TOUCH	Vanguard (Botrytis)	 Vanguard [®]	Inspire Super (Powdery mildew, Botrytis)	 Inspire Super [®]		
VERAISON TO HARVEST	Inspire Super (Powdery mildew, Botrytis)	 Inspire Super [®]	Vanguard (Botrytis)	 Vanguard [®]	Switch (Sour rot, Botrytis)	 Switch [®]






Technical Profile for Inspire Super

	Inspire Super
Chemistry	Difenoconazole, Demethylation inhibitor (DMI) class (FRAC Group 3) and Cyprodinil (FRAC Group 9)
Formulation	0.73 lb of difenoconazole a.i. and 2.09 lb of cyprodinil a.i. per gallon
Precautions/Safety	Caution; 12-hour REI, Standard Personal Protective Equipment (PPE)
Tank-mix Guidelines	Inspire Super is usually compatible with tank-mix partners listed on the product label. To determine the physical compatibility of Inspire Super with other products, do a jar test. Always consult the product label prior to application. Inspire Super should not be tank mixed with any fungicide to which resistance has already developed.

Label Information

	Grapes
Rate	16 – 20 fl oz/A
Maximum Amount per Growing Season	80 fl oz/A (0.46 lb a.i./A of difenoconazole and 1.4 lb a.i./A of cyprodinil)
Maximum Number of Applications	Four applications at 20 oz/A
Minimum Gallons per Acre (GPA)	Aerial: 10 GPA / Ground: 15 GPA
Preharvest Interval (PHI)	14 days

Resistance Management

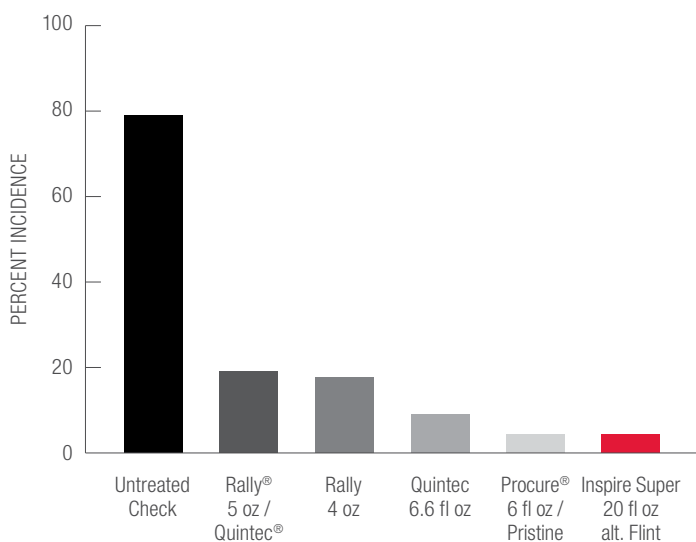
	FRAC Group Fungicide	Resistance Notes
 Abound [®]	GROUP 11	<ul style="list-style-type: none"> All groups listed here are subject to resistance. It is recommended not to use more than two sequential sprays before switching to a product with a different class. If only two Botrytis sprays are planned, it is recommended to use two different classes of chemistry that are targeted for Botrytis. If more than two Botrytis sprays planned, it is recommended not to use more than two applications of a class of chemistry targeted for Botrytis. If performance is not as expected, change to a different mode of action.
 Vanguard [®]	GROUP 9	
 Quadris Top [®]	GROUP 3 and GROUP 11	
 Inspire Super [®]	GROUP 3 and GROUP 9	
 Switch [®]	GROUP 9 and GROUP 12	
Pristine [®]	GROUP 7 and GROUP 11	
Flint [®]	GROUP 11	
Elevate [®]	GROUP 17	



Best Use Guidelines for Grapes

- Always consult the product label for complete use directions and application information.
- Begin applications at the first sign of disease or when conditions are conducive for disease development.
- Apply Inspire Super at a rate of 16 to 20 fluid ounces per acre on a 10- to 21-day schedule, making no more than two sequential applications before alternating to another fungicide with a different mode of action.
- If disease pressure is high, use the shortest interval (10 days) and highest rate (20 fluid ounces per acre).
- Apply no more than 80 ounces per acre per season.
- Do not apply Inspire Super within 14 days of harvest.

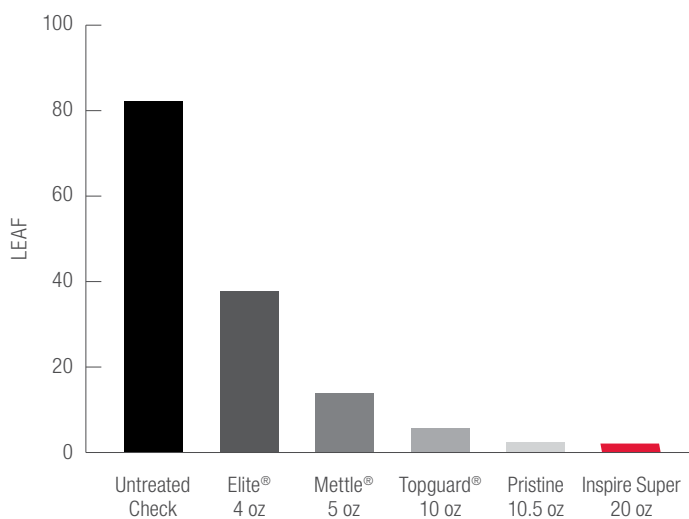
Efficacy on Grape Powdery Mildew



USWD0F8942008; CA; Gubler; Chardonnay

Applications: Three, 21-day interval

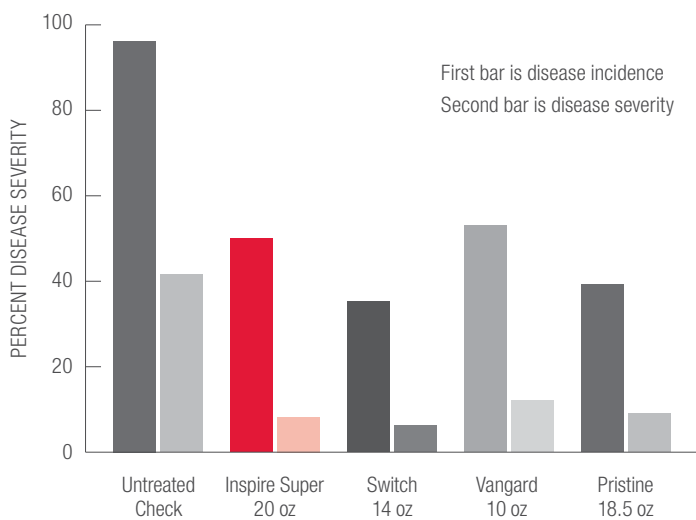
Powdery Mildew Disease Severity



USEC0F0142009; N.Y.; Wilcox; Chardonnay

Applications: Six, 14-day; 12 other treatments not shown

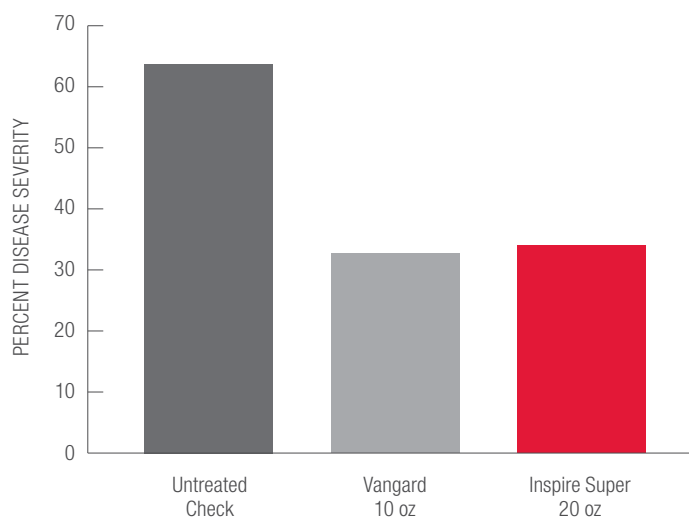
Grape Botrytis Control



USWC0F1072009; CA; Hurstak

Applications: Three (flowering, berry touch, veraison)

Botrytis Bunch Rot Severity



USWC0F1062010; CA; Hurstak; Zinfandel



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

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