



HELMSTAR PLUS SC
fungicide

PREMIER DISEASE CONTROL FOR GRAPES

OPTIMIZES PLANT HEALTH. PROMOTES BETTER YIELDS AND ROI.

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|--|
| ACTIVES |
| Azoxystrobin 11% Tebuconazole 22% |
| EQUIVALENT |
| Unique formulation |
| FORMULATION |
| Suspension concentrate |
| GROUP |
| 11 & 3 |
| PREVENTIVE ACTIVITY |
| Yes |
| CURATIVE ACTIVITY |
| Yes |
| RESTRICTED USE |
| No |
| EPA # |
| 74530-69 |
| PACKAGING |
| 2 x 2.5 gal, 36 cases/pallet 270 gal tote |

Helmstar Plus SC is a premier fungicide offering grape growers a unique formulation of the industry’s most complimentary systemic active ingredients.

With preventive and curative activity from two powerful modes of action, Helmstar Plus SC quickly knocks down diseases and provides a residual barrier to inhibit any newly forming diseases.

Capable of controlling the most devastating grape diseases, Helmstar Plus SC is proven to reduce plant stress while promoting better yields.

PERFORMANCE BENEFITS

- Excellent performance against Powdery Mildew, Black Rot and Botrytis
- Convenient premix of two complimentary systemic actives
- Preventative residual barrier inhibits new diseases from occurring
- Curative activity for rapid knock down of most major diseases

RESISTANCE MANAGEMENT

Helmstar Plus SC is a best-in-class resistance management tool. Equivalent in performance to Group 11 and Group 3 fungicides, Helmstar Plus SC actually beats the competition when disease populations are strobilurin resistant.

SIMPLE SOLUTION FOR COMPLEX DISEASES

HELMSTAR PLUS SC

- Co-formulation of a strobilurin fungicide and a DMI fungicide.
- Targets multiple stages of the Powdery Mildew life cycle.
- Protects leaves and bunches when applied preventively in spray intervals.

RATES AND APPLICATION TIMING - GRAPES

| Target Disease | Product Rate per Application | Maximum Product Rate per Year | Minimum Time from Application to Harvest |
|--|------------------------------|-------------------------------|--|
| Powdery Mildew (<i>Unicula necator</i>) Black Rot (<i>Guignardia bidwellii</i>) Botrytis Bunch Rot* (<i>Botrytis cinerea</i>) | 7.2 oz/A | 57.6 oz/A | 14 Days (PHI) |

Powdery Mildew: Apply on a preventive spray schedule. Make the first application before bloom and continue applications using spray intervals of up to 21 days for low to moderate disease pressure. Use a 14-day schedule when disease pressure is severe.

Black Rot: Apply in a preventive spray schedule. Make the first application at 1 to 3 inches of new shoot growth. Continue at 7-to 14-day intervals through 5 Brix stage or until veraison (berry coloring) is complete. Apply at 1 inch new shoot growth and at 7-to 10-day intervals on highly susceptible varieties or under severe disease conditions. Post Infection Schedule: From 1 inch new shoot growth through 5 Brix stage. Apply within 72 hours after start of infection. Applications must not be closer than 7 days apart. Continue preventive application schedule if the post-infection schedule is discontinued.

***Botrytis (Suppression):** Applying in a Powdery Mildew spray schedule will enhance fungicide activity to control Botrytis. Must apply on a 14-day schedule for suppression.

For Best Results: Sufficient coverage of vines and fruit is very important. Increase volume as vine growth increases. For optimum disease control, tank mix Helmstar Plus SC with the lowest specified rate of a spray adjuvant (non-ionic surfactant, crop oil concentrate, or blend) at the recommended rates. Adjuvants that contain some form of silicone can contribute to phytotoxicity.

Restrictions:

- Do not apply more than 0.90 lb a.i. Tebuconazole containing products/A/year.
- Do not apply more than 1.5 lbs a.i. Azoxystrobin containing products/A/year.
- The minimum interval between applications is 7 days.
- Restricted-entry interval (REI) = 12 hours.

TWO MODES OF ACTION

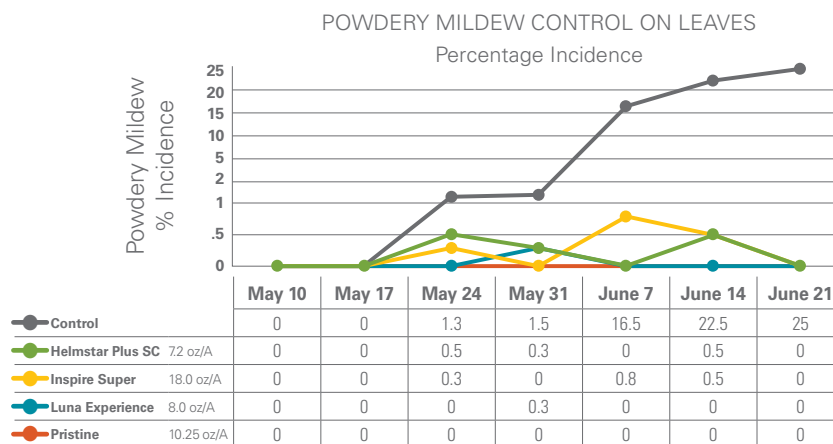
1 Strobilurin Fungicides Preventive Control

Azoxystrobin is from the strobilurin class of fungicides (known as quinone outside inhibitors-QoI). Strobilurins prevent spore germination and disease penetration into the plant.

2 Triazole Fungicides Curative Control

Tebuconazole is from the triazole class of fungicides (demethylation inhibitor-DMI). DMIs are highly active on growth of the fungi with limited activity on the spores. DMIs provide some post infection activity on fungi.

FIELD TRIAL DATA



Escalon, CA. 2017; Applications: April 19; May 3, 17; June 1, 15, 29; July 12. NIS added to all treatments.

TESTED PERFORMANCE

HELM products are evaluated and field-tested to ensure excellent performance for optimal crop use.

SUPERIOR MANUFACTURING

HELM formulates its products with ISO certified processes that exceed industry standards for quality.



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