



Amistar Top Fungicide

Top-notch Disease Control in Potatoes

Amistar® Top fungicide, from Syngenta, offers potato growers reliability for sustainable and robust disease control specifically for black dot, brown spot and early blight. It is a combination of the strobilurin fungicide (Group 11), azoxystrobin, and the triazole fungicide (Group 3), difenoconazole. In addition, Amistar Top demonstrates rapid uptake with translaminar movement of difenoconazole and xylem-systemic movement of azoxystrobin.

Control of Quick-Spreading Diseases

BLACK DOT	BROWN SPOT	EARLY BLIGHT
<p>Forms gray-brown lesions, causing yellowing and wilting of foliage in mid-to-late summer</p> <p>Can survive for long periods as sclerotia on and within tubers, as well as in plant debris</p> <p>During favorable conditions, the fungus infects underground stem tissue, moving upward in the plant. Airborne spores infect the foliage, with disease progressing downward into the stem and roots. Acervuli develop once the plant is infected.</p>	<p>Similar to early blight but causing smaller and darker bull's eye-like lesions in the middle of plant leaves</p> <p>Cannot infect tubers unless they are already wounded</p> <p>High humidity and temperatures of 65°F encourage spore formation and germination, but inconsistent wet and dry conditions, sometimes caused by sprinkler irrigation, can also be conducive to infection.</p>	<p>First appears on older, lower leaflets as dark brown or black spots, forming concentric rings</p> <p>Severe pressure can cause lesions to coalesce and form chlorotic tissue that becomes brittle and dry</p> <p>Can survive on infected crop debris in soil, on volunteer plants or alternate solanaceous hosts</p> <p>In wet, humid conditions, lesions produce asexual spores that spread by rain and wind. Windblown spores germinate and infect foliage, forming lesions in two to five days.</p>



Black dot on potatoes

Early blight on potato leaf

Technical Overview

Amistar Top Spectrum of Activity

- Black dot (*Colletotrichum coccodes*)
- Brown spot (*Alternaria alternata*)
- Early blight (*Alternaria solani*)
- Powdery mildew (*Erysiphe cichoracearum*)
- Septoria leafspot (*S. lycopersici*)

Amistar Top Technical Profile

Chemistry	Azoxystrobin [QoI inhibitor (FRAC Group 11)] and difenoconazole [demethylation inhibitor (DMI) class (FRAC Group 3)]
Formulation	1.67 lbs of azoxystrobin and 1.05 lbs of difenoconazole per gallon
Precautions/Safety	Caution, Standard PPE, 12 hour re-entry interval (REI)
Tank Mix	Amistar Top is compatible with many tank mix partners; however, always consult the product label for complete use directions and precautions.

Amistar Top Label at a Glance* – Potatoes

Rate	8 – 14 fl oz/A
Maximum Amount Per Growing Season	55.3 fl oz/A of Amistar Top (2 lb a.i./A/season of azoxystrobin-containing products and 0.46 lb a.i./A/season of difenoconazole-containing products)
Minimum Gallons Per Acre (GPA)	Aerial applications: 5 GPA; Ground applications: 10 GPA
Preharvest Interval (PHI)	14 days
Adjuvants	When an adjuvant is to be used with this product, Syngenta recommends the use of a Chemical Producers and Distributors Association certified adjuvant.
REI	12 hours
Rotation Crop Restrictions	Please consult the product label for specific rotational crop restrictions.

*Always consult the product label for complete use directions and application information. For a complete list of registered crops, consult the product label.



 **Amistar[®] Top**

 syngenta[®]

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