Miravis® Ace fungicide is the first of its kind when it comes to Fusarium head blight (scab) control in wheat, giving growers a better way to manage this yield-robbing disease. Combining Adepidyn® fungicide and propiconazole, Miravis Ace is the first head scab fungicide that recommends application as early as 50 percent head emergence.
ADEPIDYN FUNGICIDE: THE POWER BEHIND MIRAVIS ACE

Growers consistently battling head scab have been waiting decades for a game-changing molecule like Adepidyn fungicide – the first and only molecule with an SDHI mode of action available for head scab control. The one-of-a-kind chemical structure of Adepidyn fungicide provides the improved power, spectrum and stamina seen in Miravis Ace.

POWER – Built with one of the most potent molecules ever discovered, Adepidyn fungicide provides superior disease control.

SPECTRUM – Designed to control a broader spectrum of diseases, Adepidyn fungicide equips growers with an SDHI mode of action to control head scab, Septoria leaf spot and other leaf diseases.

STamina – Created to establish a reservoir within the plant’s wax layer, Adepidyn fungicide gets to work fast, keeps up with the growing crop and tolerates the unexpected to provide superior protection.

A combination of Adepidyn fungicide and propiconazole, Miravis Ace offers control of Septoria leaf spot and the highest-performing head scab control on the market. With never-before-seen application flexibility, Miravis Ace will help take the stress out of spraying for head scab and provide an upgrade in disease control, while protecting yield potential and grain quality.
Miravis Ace offers superior potency and residual control that allows for head scab applications as early as 50 percent head emergence through flowering, giving growers and applicators a more flexible application window.

With the unique ability to effectively treat head scab earlier, Miravis Ace will reduce the stress growers and applicators feel when it's time to spray for head scab because they can:

- Make on-time head scab applications and cover more acres
- Help maximize yield by protecting the main heads and tillers
- Better preserve grain quality

Other head scab fungicides’ labels only recommend application at early flowering, leaving no room for error. Missing the narrow flowering window with older head scab fungicides can decrease the efficacy of the fungicides to the point of near ineffectiveness, leaving wheat vulnerable to disease and yield loss.

With other fungicides, growers must sacrifice yield from either the main heads or the tillers. The unsurpassed residual control of Miravis Ace means growers can protect both the main heads and tillers and ultimately more of the crop's yield potential.

**Combat more than just head scab with Miravis Ace**

Diseases controlled:
- Head scab
- Septoria leaf spot
- Other leaf diseases

**Widen your window, reduce disease risk**

![Graph showing disease reduction](graph.png)

FAD1523A-2016. Means from three trials: University of Tennessee, Madison County, Tennessee; North Dakota State University, Langdon, North Dakota and University of Kentucky, Princeton, Kentucky.

* For head scab control, the Prosaro 421 SC label recommends application at early flower. No recommendation or suggestion for use of either product at 50% head emergence is being made here. Data is intended solely for comparison at this application timing with Miravis Ace, which is labeled for use as early as 50 percent head emergence.
MIRAVIS ACE: SUPERIOR PERFORMANCE ACROSS THE U.S.

MINNESOTA AND NORTH DAKOTA

50 percent head emergence*

Untreated – DON 1 ppm
Folicur® - DON 1.25 ppm
Prosaro® 421 SC - DON 0.7 ppm
Miravis® Ace – DON 0.15 ppm

Pictures taken 32 days after treatment. Glyndon, Minnesota 2017

Syngenta Grow More™ Experience site. Warren, Minnesota 2017

COMPARED TO UNTREATED, MIRAVIS ACE STANDS OUT WHEN APPLIED AT 50% HEAD EMERGENCE.

Get more from your fungicide
Miravis Ace reduces head scab severity and increases yield compared to Prosaro 421 SC and Caramba.

![Graph showing comparison of Miravis Ace, Prosaro 421 SC, and Caramba.]

Application timing: flowering (Feekes 10.5.1). Brett Miller. Prosper, North Dakota 2018

*For head scab control, the Caramba, Folicur and Prosaro 421 SC labels each recommend application at early flower or the beginning of anthesis. No recommendation or suggestion for use of these products at 50% head emergence is being made here.

Photos are intended solely for comparison at this application timing with Miravis Ace, which is labeled for use as early as 50 percent head emergence.
50 percent head emergence*

Pictures taken 28 DAT. Adairville, Kentucky 2018

Flowering


Discover a new way to manage head scab with Miravis Ace

Miravis Ace outyielded Prosaro 421 SC and Caramba at 50 percent head emergence and flowering.

*For head scab control, the Caramba, Folicur and Prosaro 421 SC labels each recommend application at early flower or the beginning of anthesis. No recommendation or suggestion for use of these products at 50% head emergence is being made here.

Photos and data are intended solely for comparison at this application timing with Miravis Ace, which is labeled for use as early as 50 percent head emergence.
Wheat thrives when Miravis Ace is applied at 50 percent head emergence*

Application timing: 50% head emergence. Mount Joy, Pennsylvania. June 21, 2018

Miravis Ace performs better than Prosaro 421 SC, regardless of application timing

<table>
<thead>
<tr>
<th>Yield (bu/A)</th>
<th>Miravis Ace</th>
<th>Prosaro 421 SC</th>
<th>Miravis Ace</th>
<th>Prosaro 421 SC</th>
<th>Untreated</th>
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</thead>
<tbody>
<tr>
<td>Feekes 10.3</td>
<td>67</td>
<td>65</td>
<td>68</td>
<td>65</td>
<td>58</td>
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<tr>
<td>50% head emergence</td>
<td></td>
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<td>Flowering</td>
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*For head scab control, the Caramba, Folicur and Prosaro 421 SC labels each recommend application at early flower or the beginning of anthesis. No recommendation or suggestion for use of these products at 50% head emergence is being made here.

Photos and data are intended solely for comparison at this application timing with Miravis Ace, which is labeled for use as early as 50 percent head emergence.
In comparison to competitive brands, Miravis Ace performance speaks for itself.

Photos taken 18 DAT. All treatments included NIS 0.25% v/v. Application timing: Flowering, Lenexa, Virginia, 2017.

50 percent head emergence*

THE DIFFERENCE IS CLEAR:
GET A GREENER, HEALTHIER WHEAT HEAD WITH MIRAVIS ACE.

Photo is intended solely for comparison at this application timing with Miravis Ace, which is labeled for use as early as 50 percent head emergence.
Visit SprayEarlier.com or contact your local Syngenta sales representative for more information about Miravis Ace.