

# Minnesota Canola Growers Annual Meeting



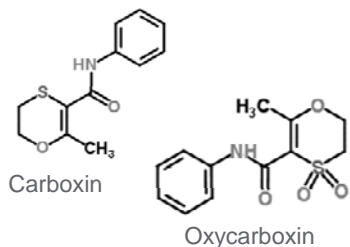
**syngenta**

## The Power of Miravis Neo

Jason Snell Agronomy Service Rep

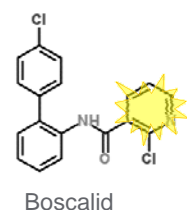
## SDHI mode of action in the US: Pursuing the full potential of the technology

1970



Excellent potency against key diseases, but severely limited by spectrum

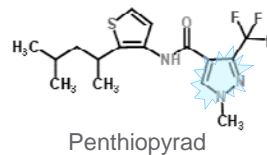
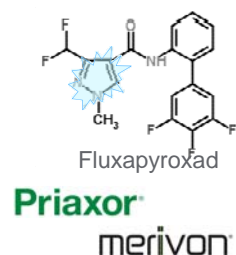
2000



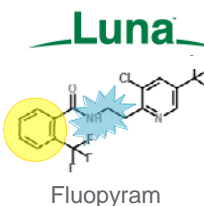
**Endura**

First significant improvement in both efficacy and spectrum in decades

2010

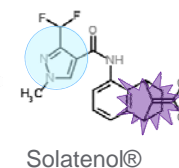


A new level of **power** against key diseases at lower rates, enabling broader use in row crops, but with major gaps in spectrum



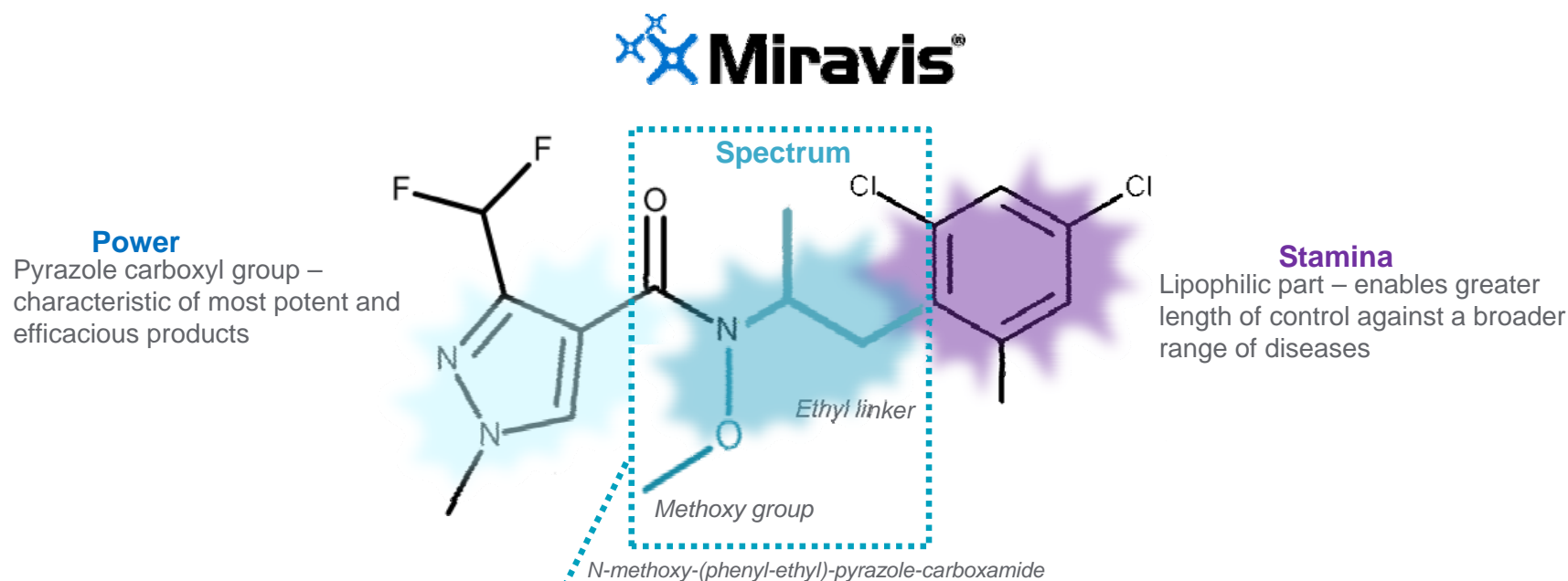
Broader reach across important diseases and greater lipophilicity for improved **spectrum**, but sacrificed power

2015



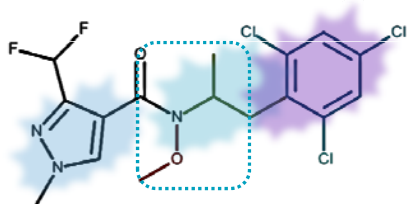
Improved efficacy and **stamina**, without sacrificing spectrum

## MIRAVIS® Fungicide: Combining the best features of previous fungicides in its class to deliver unprecedented Power, Spectrum and Stamina





Unique N-Methoxy ethyl linker makes it possible to combine these best-in-class features into a single molecule for the first time

## Unique combination of features for unprecedented performance on the farm



 **Power:** Delivers unique potency and intrinsic activity that form the foundation of consistent performance in the field

 **Spectrum:** Broadens the reach of the SDHI mode of action to include the most difficult-to-control diseases and deliver unique crop enhancement benefits

 **Stamina:** Gets to work fast, adapts to the growing crop and withstands the unexpected to remain effective longer

MIRAVIS enables more consistent, complete and lasting disease protection and crop enhancement across more crops, opening up new possibilities for growers

## The Miravis brand family

Smart, durable and flexible products tailored to grower needs

**Miravis™**

**Adepidyn**

For control of leafspots and other diseases in peanuts



**Miravis™ Ace**

**Adepidyn,  
Propiconazole**

For control of head scab (fusarium) and leaf diseases in wheat



**Miravis™ Neo**

**Adepidyn,  
Azoxystrobin,  
Propiconazole**

For disease control and crop enhancement in corn and soybeans



**Miravis™ Top**

**Adepidyn,  
Difenoconazole**

For crop enhancement and control of resistant Frog Eye Leaf Spot, target spot and other diseases in soybeans



**Miravis™ Prime**

**Adepidyn,  
Fludioxonil**

For control of early blight and white mold in potatoes

For control of botrytis and powdery mildew in grapes



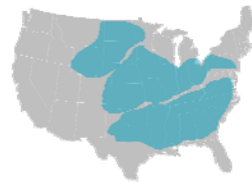
## The Miravis® brand family 2018-2019

Game changing technology customized for growers across crops and geographies

 **Miravis Neo**

Adepidyn,  
Azoxystrobin,  
Propiconazole for  
Corn, Soy, Canola  
and DFC

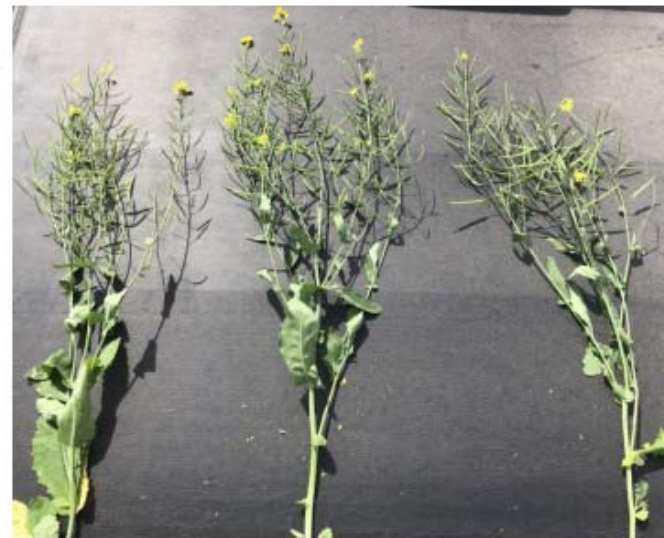
Unmistakably  
superior disease  
control and crop  
enhancement  
benefits



## Miravis NEO Helps Increase Yield Potential on Canola Kenmare, ND



No  
Treatment

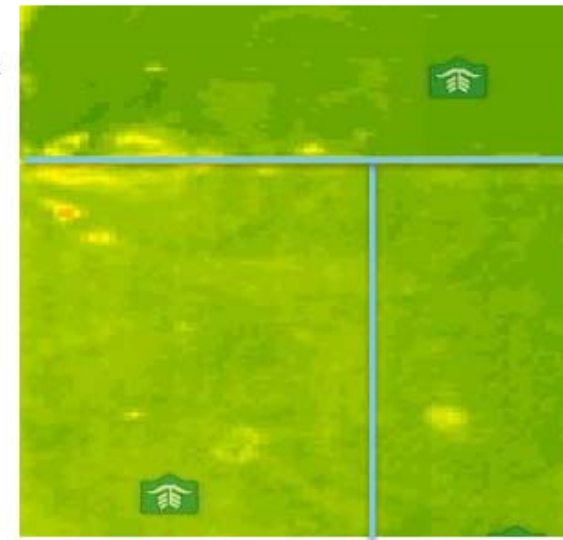


No  
Treatment

Miravis NEO  
13.7 fl oz/A

Zolera FX  
6.4 fl oz/A

No  
Treatment



Miravis NEO  
13.7 fl oz/A

Zolera FX  
6.4 fl oz/A

Syngenta Trials – [Kenmare, ND] – [July 24, 2019]

NTP 08/19

Results may vary by geography. All photos are the property of Syngenta unless otherwise noted.

Product performance assumes disease presence. ©2019 Syngenta. Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. AAtrex 4L, AAtrex Nine-O, Acuron, Agri-Flex, Agri-Mek 0.15EC, Agri-Mek SC, Avicta 500FS, Avicta Complete Beans 500, Avicta Complete Corn 250, Avicta Complete Corn 500, Avicta Duo Corn, Avicta Duo250 Corn, Avicta Duo Cotton, Avicta DuoCOT 202, Besiege, Bicep II Magnum, Bicep II Magnum FC, Bicep Lite II Magnum, Callisto Xtra, Cyclone SL 2.0, Denim, Endigo ZC, Endigo ZCX, Epi-Mek 0.15EC, Expert, Force, Force 3G, Force CS, Force Evo, Force 6.5G, Gramoxone SL, Gramoxone SL 2.0, Karate with Zeon Technology, Lamcap, Lamcap II, Lamdec, Lexar, Lexar EZ, Lumax, Lumax EZ, Medal II ATZ, Minecto Pro, Proclaim, Tavium Plus VaporGrip Technology, Voliam Xpress and Warrior II with Zeon Technology are Restricted Use Pesticides. Some seed treatment offers are separately registered products applied to the seed as a combined slurry. Always read individual product labels and treat instructions before combining and applying component products. Orondis Gold is a combination of separately registered products: Orondis Gold 200 and Orondis Gold B. Orondis Ridomil Gold is a combination of separately registered products: Orondis Gold 200 and Ridomil Gold SL. The trademarks or service marks displayed or otherwise used herein are the property of a Syngenta Group Company. VaporGrip® is a trademark of, and used under license from, Monsanto Technology, LLC. All other trademarks are the property of their respective owners.

Classification: Public

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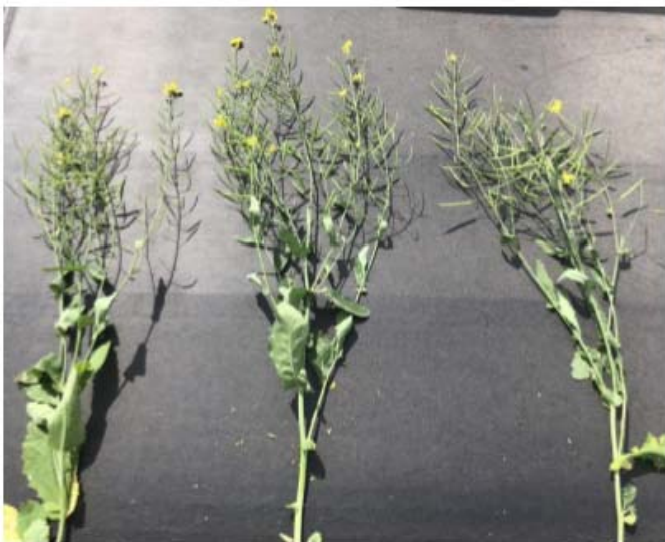


Miravis NEO = + \$44.25  
Zolera = + \$14.75  
No Treatment = \$0.00

Miravis NEO Helps Increase Yield Potential on Canola  
Kenmare, ND

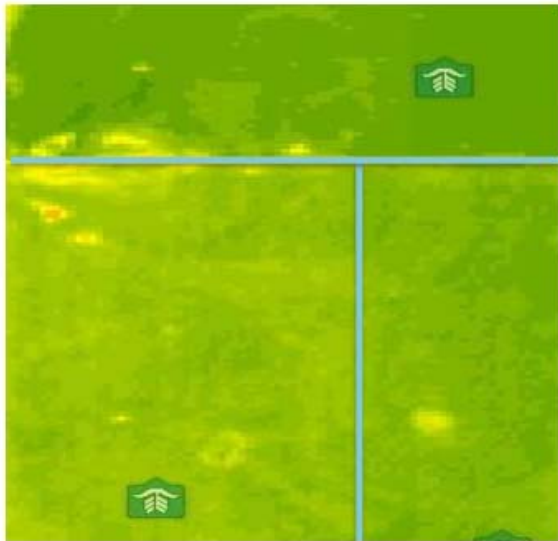


No  
Treatment  
2550 lbs/A



No Treatment 2550 lbs/A	Miravis NEO 13.7 fl oz/A 2850 lbs	Zolera FX 6.4 fl oz/A 2650 lbs/A
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No  
Treatment  
2550 lbs/A



Miravis NEO 13.7 fl oz/A 2850 lbs	Zolera FX 6.4 fl oz/A 2650 lbs/A
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Syngenta Trials – [Kenmare, ND] – [July 24, 2019]  
NTP 12/19  
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Classification: Public

Dec. 20<sup>th</sup> Sun Prairie Grain Minot Cash Bid \$14.75/CWT





## White mold control in canola – Langdon 2019

Dr. Venkat Chapara – NDSU Carrington



\*White mold severity on 0-5 scale

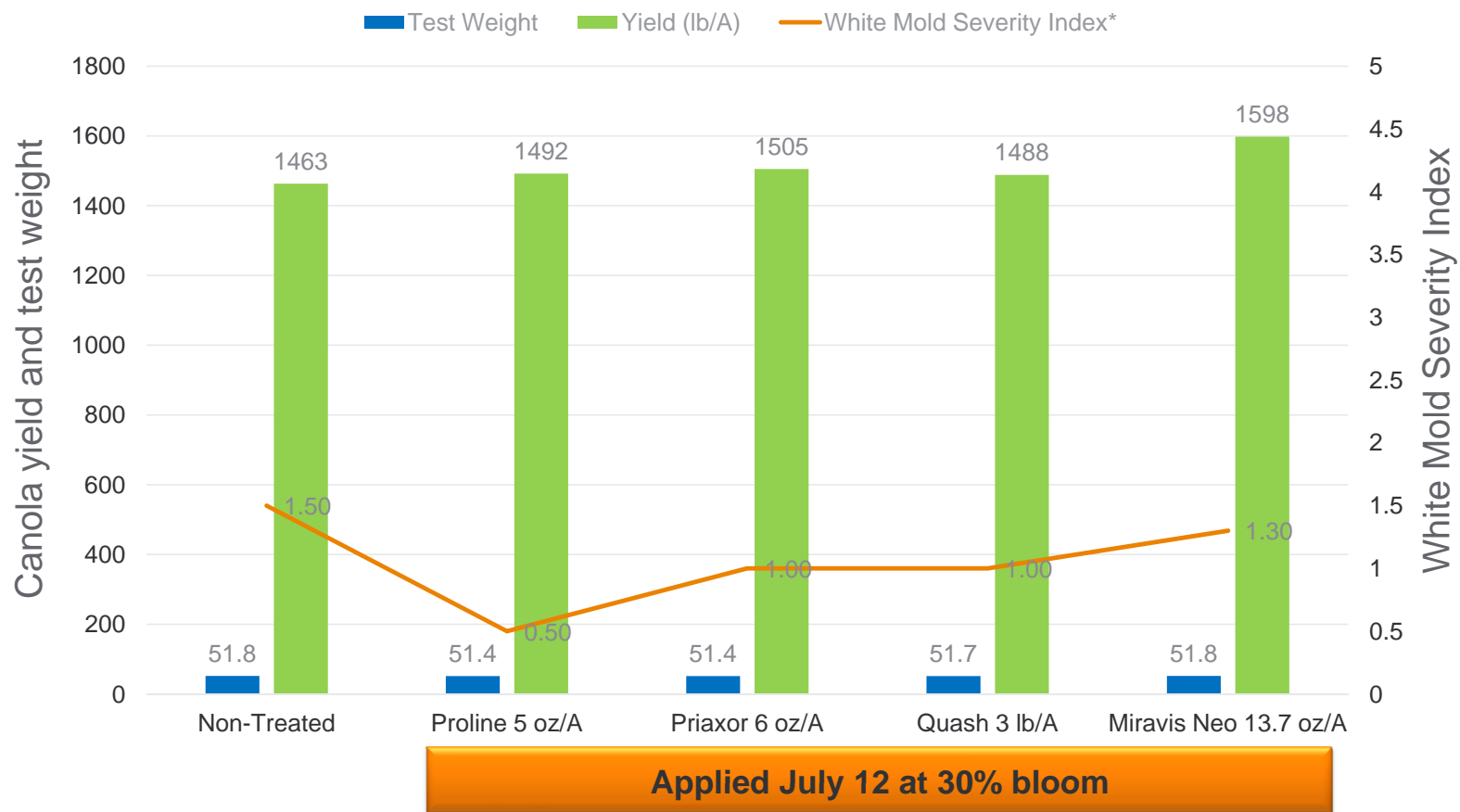
## White mold control in canola – Carrington 2018

Dr. Michael Wunsch – NDSU Carrington



## White mold control in canola – Langdon 2020

Dr. Venkat Chapara – NDSU Carrington



\*White mold severity on 0-5 scale

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