

Twinline fungicide

technology sheet

Broad-spectrum control of tough leaf diseases through the benefits¹ of AgCelence® for cereals.

- Multiple modes of action for preventative control of major leaf diseases.
- Protect and build yield potential with the benefits¹ of **AgCelence**.
- AgCelence** benefits¹ include disease control, a stronger stem for less lodging and easier harvesting and greener, larger leaves for increased yield potential² when it counts the most.³

Active ingredients

Metconazole – Group 3
Pyraclostrobin – Group 11

Formulation

Liquid

One case contains

2 x 8.1 L jugs

Storage

Store above 0°C.

Crops and staging⁴

Apply at flag-leaf

Barley	Rye	Wheat (all types)	Oats	Triticale
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Diseases controlled

In barley.

Net blotch (*Pyrenophora teres*)
Scald (*Rhynchosporium secalis*)
Spot blotch (*Cochliobolus sativus*)
Stripe rust (*Puccinia striiformis*)

In oats.

Crown rust (*Puccinia coronata*)

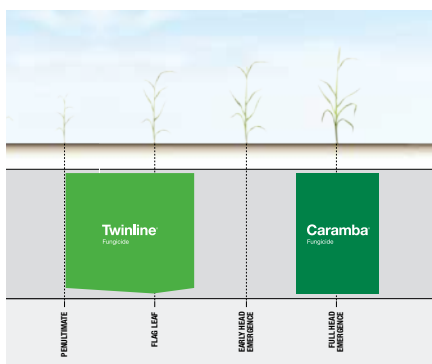
In rye.

Leaf rust (*Puccinia recondita*)
Powdery mildew (*Erysiphe graminis*)

In wheat (all types) and triticale.

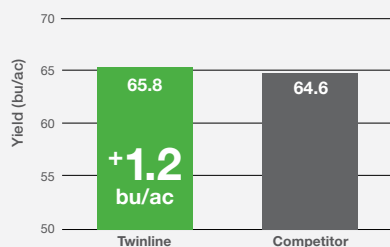
Leaf rust (*Puccinia recondita*)
Powdery mildew (*Erysiphe graminis f. sp. tritici*)
Septoria leaf spot (*Septoria tritici* or *Stagonospora nodorum*)
Spot blotch (*Cochliobolus sativus*)
Stripe rust (*Puccinia striiformis*)
Tan spot (*Pyrenophora tritici-repentis*)

Application of Twinline® followed by Caramba®



¹ AgCelence benefits refer to products that contain the active ingredient pyraclostrobin. ² Research shows that up to 65% of cereal yield potential is determined at the flag leaf stage. ³ All comparisons are to untreated, unless otherwise stated. ⁴ While Twinline can be applied at other stages (before the development of disease or at the early onset of disease symptoms) research suggests the flag-leaf timing provides optimal AgCelence benefits.

Increased yield with Twinline fungicide vs competitor on wheat



Source: BASF Research Authorization trials and AgSolutions[®] Performance Trials, 2010-2013, n=78

Sustainable disease control of major leaf diseases with Twinline fungicide



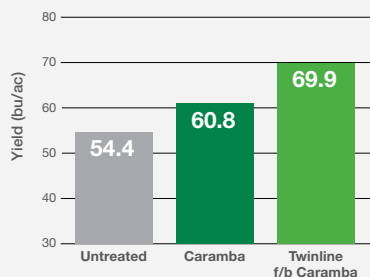
Source: AgSolutions Performance Trials, 2011

Healthier wheat with Twinline fungicide



Source: BASF RCD trial, Edmonton AB, 2011

Apply Twinline followed by Caramba to build and protect yield.



Source: AgSolutions Performance Trials, 2013, n=11

For more information:

Call **AgSolutions** Customer Care at 1-877-371-BASF (2273)

Visit agsolutions.ca

Application rates

One case treats 80 acres.

Twinline fungicide 202 ml/ac (500 ml/ha)

Water volume

Ground application 40 L/ac (10 gal/ac)
Aerial application 20 L/ac (5 gal/ac)

Mixing order

1. Fill the spray tank 1/2 full of water and start agitation.
2. Add the required amount of Twinline fungicide to the tank.
3. If tank mixing, add the required amount of the tank-mix partner.
4. Continue agitation while filling the remainder of the spray tank.

Application tips

Rainfastness – 1 hour.

Twinline should be applied at flag-leaf for optimal **AgCelence** benefits, including disease control.

Do not apply in periods of dead calm or gusty winds.

Up to 2 applications may be made per season, with a minimum spray interval of 10 to 14 days.

Do not use less than the minimum water volumes and ensure thorough coverage of foliage.

Tank mixes

None on label.

Contact **AgSolutions** Customer Care or your local BASF Sales Representative for additional information on supported tank mixes.

Always read and follow label directions.

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