

# Caramba fungicide

## technology sheet

### Preventative protection against late leaf diseases and fusarium.

- Proven protection against fusarium.
- Effective control of later-season foliar diseases.
- Reduces deoxynivalenol (DON) contamination to preserve grade quality.

#### Active ingredients

Metconazole – Group 3

#### Formulation

Liquid

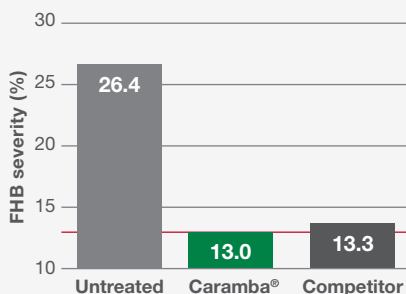
#### One case contains

2 x 8.1 L jugs

#### Storage

Protect from freezing.

#### Reduction in fusarium head blight (FHB) severity in wheat



Source: BASF field trials, 2010-2017, n=42

#### Crops

Barley

Corn (field, sweet, pop, seed types)

Oats

Rye

Triticale

Wheat (all types)

#### Staging

Full head emergence to 3 days after full emergence<sup>1</sup>

Full silking to silk browning<sup>2</sup>

20% flower<sup>1,3</sup>

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#### Diseases controlled

##### In barley.

Fusarium head blight (*Fusarium graminearum*)<sup>4</sup>, leaf rust (*Puccinia hordei*), net blotch (*Pyrenophora teres*), powdery mildew (*Erysiphe graminis*), scald (*Rhynchosporium secalis*), spot blotch (*Cochliobolus sativus*)<sup>4</sup>, stripe rust (*Puccinia striiformis*)

##### In corn (field, sweet, pop, seed types).

Fusarium ear rot (*Fusarium graminearum*)<sup>4</sup>, gibberella ear rot (*Gibberella zeae*)<sup>4</sup>

##### In oats.

Crown rust (*Puccinia coronata*), fusarium head blight (*Fusarium graminearum*)<sup>4</sup>, septoria leaf blotch (*Septoria avenae*)

##### In rye.

Fusarium head blight (*Fusarium graminearum*)<sup>4</sup>, leaf rust (*Puccinia recondita*), powdery mildew (*Erysiphe graminis*), stripe rust (*Puccinia striiformis*)

##### In wheat (all types) and triticale.

Fusarium head blight (*Fusarium graminearum*)<sup>4,5</sup>, leaf rust (*Puccinia recondita*), powdery mildew (*Erysiphe graminis* f. sp. *tritici*), septoria glume blotch (*Stagonospora nodorum*), septoria leaf spot (*Septoria tritici* or *Stagonospora nodorum*), spot blotch (*Cochliobolus sativus*)<sup>4</sup>, stem rust (*Puccinia graminis*), stripe rust (*Puccinia striiformis*), tan spot (*Pyrenophora tritici-repentis*)

<sup>1</sup> For suppression of fusarium head blight and leaf disease control at heading. For leaf disease control prior to heading, apply before the appearance of symptoms. <sup>2</sup> This is BBCH stage, GS 63-67. <sup>3</sup> This is BBCH stage, GS 61-63. <sup>4</sup> Suppression only. <sup>5</sup> Not suppressed or controlled in triticale. Wheat only.

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## Fusarium head blight management with Caramba



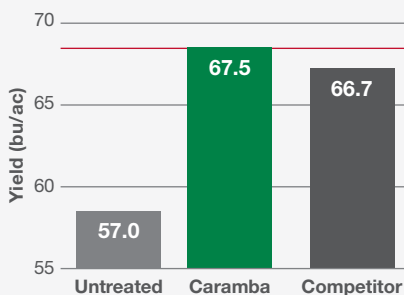
Untreated



Caramba

Source: AgSolutions® Performance Trials, AB, 2011

## Increased wheat yield with Caramba



Source: BASF field trials, 2010-2017, n=55

## For more information:

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

Visit [agsolutions.ca](http://agsolutions.ca)

## Application rates

### One case of Caramba fungicide treats 40 acres at the fusarium rate.

For fusarium head blight, fusarium ear rot, gibberella ear rot 405 ml/ac (1 L/ha)

### Water volume

Ground application 40 to 80 L/ac (10 to 20 gal/ac)<sup>6</sup>  
 Aerial application 20 L/ac (5 gal/ac)

<sup>6</sup> Use higher water volumes to ensure adequate coverage and better activity on leaf disease.

## Mixing order

1. Ensure the spray tank is clean before use.
2. Fill the spray tank 1/2 full of water and start agitation.
3. Add the required amount of Caramba fungicide to the tank.
4. Continue agitation while filling the remainder of the spray tank.
5. After use, clean the spray tank according to label precautions.

## Application tips

### Rainfastness – 1 hour.

Caramba should be applied preventively, prior to the onset of disease.

Avoid application when heavy rain is forecast.

Apply when conditions are favourable for disease development.

Use proper nozzle configuration to ensure adequate coverage.

## Pre-harvest interval

7 days after application for sweet corn (mechanical harvesting only).

18 days after application for sweet corn (hand harvesting only).

20 days after application for pop and field corn.

30 days after application for barley, oats, rye and wheat.

## 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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