

# Frontier Max herbicide

## technology sheet

### Reliable control of tough broadleaf and grassy weeds.

- Wide window of application in corn and soybeans
- Controls stubborn weeds like nutsedge, foxtail, pigweed and nightshade
- Residual activity for reduced weed pressure throughout crop development
- Low use rate

#### Active ingredient

Dimethenamid-P – Group 15

#### Formulation

Emulsifiable concentrate

#### One case contains

2 x 9 L jugs

#### Storage

Store in cool, dry, ventilated area, away from food and feed.

#### Crops

Corn (seed<sup>1</sup>, sweet)

Corn (field)

Soybeans

Dry common beans

#### Treatment

pre-plant incorporated<sup>2</sup>  
or pre-emergence<sup>2</sup>

pre-plant incorporated<sup>2</sup>,  
pre-emergence<sup>2</sup> or  
early post-emergence<sup>2,3</sup>

pre-plant incorporated<sup>2</sup> or  
pre-emergence<sup>2</sup>

pre-plant incorporated

#### Weeds controlled

##### Broadleaves

Eastern black nightshade<sup>4</sup>  
Redroot pigweed<sup>5</sup>  
Tall waterhemp<sup>6</sup>

##### Grasses

Barnyard grass  
Crabgrass (large, smooth)  
Fall panicum  
Foxtail (giant, green, yellow)  
Old witchgrass  
Yellow nutsedge<sup>7</sup>



<sup>1</sup> Inbred lines grown in Southern Ontario only.

<sup>2</sup> Application stage is dependent on tank-mix partner.

<sup>3</sup> Except when tank mixing with Armezon<sup>®</sup> herbicide and atrazine or Armezon with atrazine and glyphosate, do not apply beyond the 2-leaf stage of weeds. Apply from corn emergence up to and including the 3-leaf stage of corn.

<sup>4</sup> Pre-plant incorporated or pre-emergence only (390 ml/ac).

<sup>5</sup> Pre-plant incorporated (350 to 390 ml/ac) or pre-emergence (390 ml/ac) only.

<sup>6</sup> Suppression only.

<sup>7</sup> Pre-plant incorporated only (390 ml/ac). Lower rates provide suppression only.

# Frontier® Max

Herbicide

## Application rates

One case will treat 45 to 60 acres depending on rate.

### Corn (field, seed<sup>1</sup>, sweet)

Pre-plant incorporated<sup>8</sup> 305 to 390 ml/ac (756 to 963 mL/ha)<sup>9</sup>  
Pre-emergence 305 to 350 ml/ac (756 to 865 ml/ha)<sup>9</sup>

### Soybeans

Pre-plant incorporated, 305 to 390 ml/ac (756 to 965 ml/ha)<sup>9</sup>  
pre-emergence

### Corn (field)

Early post-emergence<sup>10</sup> 305 to 390 ml/ac (756 to 963 ml/ha)<sup>9</sup>

### Dry common beans

Pre-plant incorporated 348 to 390 ml/ac (860 to 963 ml/ha)<sup>9</sup>

<sup>8</sup> Apply with glyphosate, see label for rate. <sup>9</sup> Rate depends on soil texture and organic matter content, see label for more information.

<sup>10</sup> Merge is required at 2.5 L/100 ml of spray solution (0.25% spray solution) but is not included in the case.

## Tank Mixes

### Field corn

Frontier® Max	305 to 390 ml/ac (756 to 963 ml/ha) <sup>9</sup>	<b>OR</b> Frontier Max	305 to 390 ml/ac (756 to 963 ml/ha) <sup>9</sup>
Marksman®	1.5 to 1.8 L/ac (3.7 to 4.4 L/ha)	Armezon	15 ml/ac (37 ml/ha)
		Atrazine	200 g a.i./ac

### Soybeans

Frontier Max	305 to 390 ml/ac (756 to 963 ml/ha) <sup>9</sup>
Pursuit®	126 to 168 ml/ac (312 to 420 ml/ha)

## Directions for use

1. Fill clean spray tank half full with clean water or liquid fertilizer (corn only, see label) and start agitation system.
2. If using a tank-mix partner, add correct amount to tank and continue agitation until thoroughly dispersed.  
Do not add a wettable powder or water dispersible granules to liquid fertilizer.
3. If required, add the correct amount of liquid or solution tank-mix partner. Continue to agitate.
4. Add the correct amount of Frontier Max while continuing agitation.
5. For applications to field corn, add the correct amount of Merge® adjuvant.
6. Continue agitation while filling the spray tank with the remaining amount of water or liquid fertilizer.
7. Maintain continuous and constant agitation until spraying is complete.
8. Immediately after use, thoroughly clean the sprayer.

## Application tips

Rainfall is required 7 to 10 days after treatment to activate and move Frontier Max into the soil zone. If dry conditions persist, a shallow cultivation or the use of a rotary hoe is necessary to move the chemical into the moist soil and control weed escapes.

**Restricted entry interval** – 24 hours.

**Resistance management** – Rotate the use of Frontier Max or other Group 15 herbicides within a growing season with different herbicide groups that control the same weeds in a field. Use tank mixtures with herbicides from different groups.

## Follow crops

120 days after application for winter wheat.

## Other supported tank mixes

**Corn:** Aatrex®, Banvel® II, glyphosate

**Soybeans:** Sencor® 480 F, Sencor 500 F, Sencor 75 DF

**Dry common beans:** Pursuit

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

## For more information

Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit [agsolutions.ca](http://agsolutions.ca).

## Always read and follow label directions.

**AgSolutions**, **BANVEL**, **FRONTIER**, and **MARKSMAN** are registered trade-marks of BASF Corporation; **PURSUIT** is a registered trade-mark of BASF Agrochemical Products B.V.; **ARMEZON** is a registered trade-mark of BASF SE; all used with permission by BASF Canada Inc. **MERGE** is a registered trade-mark of BASF Canada Inc. © 2017 BASF Canada Inc.

Aatrex is a registered trade-mark of Syngenta Participations AG. Sencor is a registered trade-mark of Bayer Intellectual Property GmbH.