

# Surtain™

## Herbicide

**A powerful combination of Group 14 and 15 chemistries for residual weed control in field corn when it matters.**

- **Residual endurance:** delivers residual control on a broad spectrum of grassy and broadleaf weeds, including resistant biotypes
- **Unique chemistry combination:** first-of-its-kind solid-encapsulated herbicide technology that provides multiple modes of effective action
- **Flexibility:** From pre-emergence to early post-emergence, the residual power of Surtain™ herbicide is an excellent tank-mix partner to Marksman® herbicide, Engenia® herbicide and atrazine plus glyphosate

### Active ingredients

Pyroxasulfone – Group 15  
Saflufenacil – Group 14

### Formulation

Microcapsule suspension

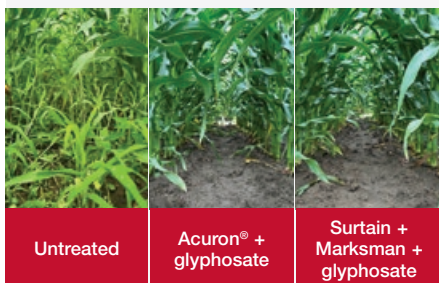
### One case contains

2 x 8.1 L jugs

### Storage

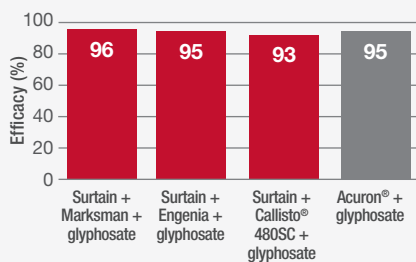
Store in a cool, secure, ventilated area.

**Control of grassy and broadleaf weeds at 2 leaf application in field corn, 46 days after application**



Source: BASF Small Plot Trials, Maryhill, ON, 2024

### Weed control efficacy at 2 leaf application in field corn



Five weeks after application.

Source: BASF Small Plot Trials, London, Bright & Maryhill, ON, 2023 & 2024, redroot pigweed n=6, common ragweed n=5, lamb's quarters n=7

### Crop

Field corn

### Staging

pre-emergence,  
post-emergence up to 3 leaf

### Weeds controlled<sup>1</sup>

#### Broadleaves

Cleavers<sup>2</sup>  
Common chickweed<sup>2</sup>  
Common ragweed  
Eastern black nightshade<sup>2</sup>  
Kochia<sup>3</sup>  
Lamb's quarters  
Palmer amaranth<sup>4</sup>  
Redroot pigweed  
Shepherd's-purse<sup>2</sup>  
Velvetleaf  
Volunteer canola<sup>2</sup>  
Waterhemp<sup>5</sup>  
Wild buckwheat<sup>2</sup>  
Wild mustard<sup>3</sup>

#### Grasses

Barnyard grass<sup>3,6</sup>  
Downy brome<sup>2</sup>  
Fall panicum  
Giant foxtail<sup>6,7</sup>  
Green foxtail<sup>3</sup>  
Japanese brome<sup>2</sup>  
Large crabgrass  
Ryegrass (Italian)<sup>6,7</sup>  
Wild oats<sup>2</sup>  
Yellow foxtail<sup>3,6</sup>

<sup>1</sup> Control at 405 ml/ac (1.0 L/ha) and 506 ml/ac (1.25 L/ha).

<sup>2</sup> Suppression only.

<sup>3</sup> Suppression at 405 ml/ac (1.0 L/ha) and control at 506 ml/ac (1.25 L/ha).

<sup>4</sup> The level of control of this weed may be reduced on medium and fine textured soils at 405 ml/ac (1.0 L/ha) and 506 ml/ac (1.25 L/ha).

<sup>5</sup> Including biotypes resistant to Group 2, 5, 9, 14 and 27.

<sup>6</sup> The level of control of this weed may be reduced on medium and fine textured soils at 506 ml/ac (1.25 L/ha).

<sup>7</sup> Control only at 506 ml/ac (1.25 L/ha).

**BASF**

We create chemistry

## Application rates

**One case will treat 40 acres at the recommended rate of 405 ml/ac (1.0 L/ha).**

Field corn	405 ml/ac (1.0 L/ha)
	506 ml/ac (1.25 L/ha)

## Water volume

Ground application only	Minimum 40 L/ac (10 gal/ac)
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## Mixing order

1. Fill clean spray tank 1/2 full with clean water. Start agitation system.
2. If using a wettable powder or water dispersible granule tank mix partner, add the correct amount to the tank and continue agitation until thoroughly dispersed.
3. Using a calibrated measuring device, add the correct amount of Surtain. Continue to agitate.
4. If required, add the correct amount of liquid, solution or suspension product tank-mix partner.
5. If required, add the correct amount of glyphosate.
6. If required, add in the correct amount of adjuvant or surfactant last.
7. Continue agitation while filling the spray tank with the remaining amount of water.
8. DO NOT allow the spray solution to remain in the spray boom lines overnight or for extended periods of time. A delay in application from the time of mixing may result in temporary crop injury when applied post-emergence to the crop.
9. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent within 24 hours.

## Application tips

**Restricted entry interval** – 12 hours.<sup>8</sup>

Avoid application when heavy rain is forecast.

DO NOT apply when winds are gusty.

DO NOT apply on peat or muck soils or soils with 7% or more organic matter.

**Resistance management** – Rotate the use of Surtain or other Group 14/15 herbicides within a growing season (sequence), or among growing seasons, with different herbicide groups that control the same weeds in a field. Tank mix with herbicides from a different group.

## Pre-harvest interval

60 days after application for field corn.<sup>9</sup>

## Follow crops

### In case of crop failure

Chickpeas<sup>10</sup>, dry field peas<sup>10</sup>, field corn, winter wheat<sup>11</sup>

### In the next season following application

Barley (malting, spring, winter)<sup>10</sup>, canola<sup>10</sup>, chickpeas, dry field peas, field corn, oats<sup>10</sup>, soybeans, wheat (durum<sup>10</sup>, spring<sup>10</sup>, winter)

### In the second season following application

No restrictions.

## Tank mixes

Marksman, Engenia, Armezon® herbicide<sup>12</sup>, Aatrex® Liquid 480 herbicide, glyphosate<sup>13</sup>, Callisto® 480SC herbicide

See label for more details on tank mixes.

<sup>8</sup> Restricted entry interval to perform hand-set irrigation activities is 2 days.

<sup>9</sup> Corn forage and silage can be used as feed or grazed 60 days or more after an early-season application of Surtain.

<sup>10</sup> These crops can be planted in the same season only if the maximum application rate to the primary crop is 405 ml/ac (1.0 L/ha).

<sup>11</sup> May be planted 4 months after application.

<sup>12</sup> When applying Surtain with Armezon, an additional tank-mix partner is required. See Surtain label for details.

<sup>13</sup> When applying Surtain with glyphosate as a tank-mix partner, use glyphosate present as isopropylamine, potassium or diammonium salt.

**For more information:** Call **AgSolutions®** Customer Care at 1-877-371-BASF (2273) or visit **agsolutions.ca**.

**Always read and follow label directions.**