

**Field envy. Included with every box.**



**Give your neighbours something  
to talk about.**



## **THE PROOF IS IN THE YIELD**

Powered by KIXOR<sup>®</sup>, OPTILL<sup>™</sup> herbicide for glyphosate-tolerant (GT) soybeans provides rapid burndown plus early season residual weed control to help you get more yield out of every acre. OPTILL controls both grass and broadleaf weeds so your soybeans can achieve their highest yield potential. OPTILL keeps your fields clear of weeds during the early stages of crop development, which can increase soybean yield by 2 to 3 bushels per acre when compared to glyphosate alone.



## MULTIPLE MODES OF ACTION

OPTILL uses Group 14 and Group 2 active ingredients that complement glyphosate to provide a faster, more complete burndown than glyphosate alone.

The residual power in OPTILL is effective into early crop development allowing increased time and flexibility to apply a second, in-crop application of glyphosate.

## CLEANER FIELDS AND HIGHER YIELDS



Comparative control, 30 days after treatment.  
Source: BASF Research Authorization Trial,  
Bryanston, ON, 2011



Residual control, burndowns followed by glyphosate.  
Source: University of Guelph Ridgetown College,  
Ridgetown, ON, 2012

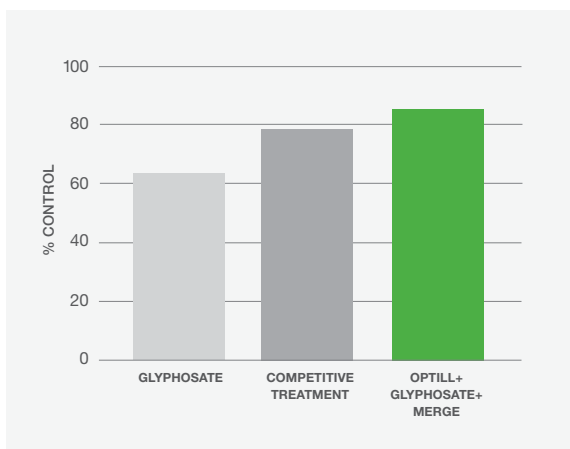


Comparison of Dandelion control, 6 days after treatment.  
Source: BASF Research Authorization Trial,  
Millbrook, ON, 2012



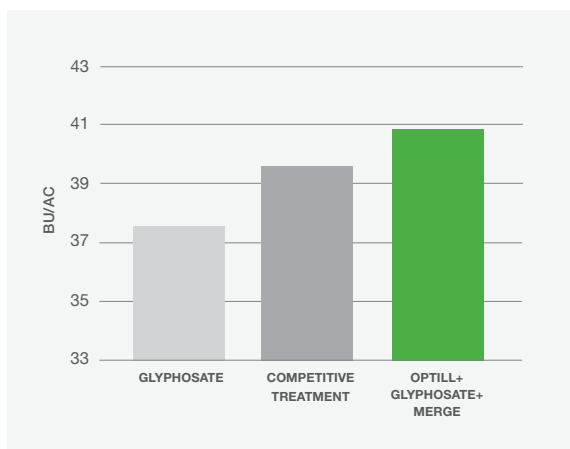
Dandelion control, 7 days after treatment.  
Source: BASF Research Authorization Trial,  
Millbrook, ON, 2012

### Comparative Control of Dandelion



Comparisons, 30 days after treatment, n=8  
Source: BASF research trials, 2010-2011

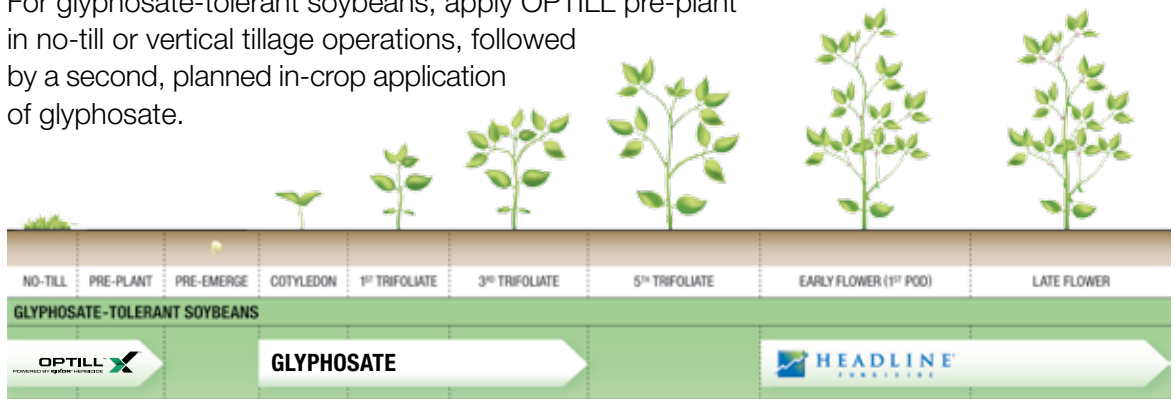
### Comparative Yield of Soybeans



Burndown treatment yield comparisons, n=15  
Source: BASF research trials, 2011-2012

## STAGING

For glyphosate-tolerant soybeans, apply OPTILL pre-plant in no-till or vertical tillage operations, followed by a second, planned in-crop application of glyphosate.



## BROAD SPECTRUM WEED CONTROL

Tank-mixed with glyphosate, OPTILL complements control of all weeds on the glyphosate label in addition to the following weeds.

Broadleaf weeds		
Broadleaf plantain	Giant ragweed <sup>3,6</sup>	Redroot pigweed <sup>1,2</sup>
Canada fleabane <sup>6</sup>	Lady's thumb <sup>3</sup>	Shepherd's purse
Common chickweed	Lamb's quarters <sup>1,2</sup>	Stinkweed <sup>3</sup>
Common ragweed <sup>1,2</sup>	Perennial sow thistle <sup>3,8</sup>	Wild buckwheat <sup>3</sup>
Dandelion <sup>5</sup>	Prickly lettuce <sup>7</sup>	Wild mustard <sup>3</sup>
Grasses		
Barnyard grass <sup>4</sup>	Crabgrass (large) <sup>4</sup>	Foxtail (green, yellow) <sup>1,4</sup>

<sup>1</sup> Adequate residual control may not be achieved on Group 2-resistant biotypes. <sup>2</sup> Includes control of triazine-resistant biotypes. <sup>3</sup> Burndown only. <sup>4</sup> Burndown and residual suppression only. <sup>5</sup> Suppression only. <sup>6</sup> Includes control of glyphosate-resistant biotypes. <sup>7</sup> Top growth only. <sup>8</sup> Top growth burndown only.

## APPLICATION RATES

One case will treat 120 acres. OPTILL is tank mixed with glyphosate\* for application at the following rates.

Timing		Rate
Early Pre-plant	OPTILL herbicide	60 g/ac (147 g/ha)
	Water volume	40-80 L/ac (100-200 L/ha)
	MERGE adjuvant**	0.40 L/ac (1 L/ha)

\* See glyphosate label for application rates.

\*\* MERGE adjuvant (not included) is required for optimum activity.

“I think it's really important to start clean and stay clean during that critical period of weed control for three reasons. First, you protect the full yield potential of the crop. Second, you open the post-emergence application window. And third, you reduce the selection intensity for herbicide-resistant weeds.”

Dr Peter Sikkema, Professor, Field Crop Weed Management, University of Guelph



Learn more about OPTILL herbicide by speaking to your BASF retailer, visiting [agsolutions.ca/optill](http://agsolutions.ca/optill) or calling **AgSolutions**® Customer Care at 1-877-371-BASF (2273).

**Always read and follow label directions.**

**AgSolutions**, and **HEADLINE** are registered trade-marks of BASF Corporation; **KIXOR**, and the unique **KIXOR X** symbol are registered trade-marks, and **OPTILL** is a trade-mark of BASF SE, all used with permission by BASF Canada Inc. **MERGE** is a registered trade-mark of BASF Canada Inc. **HEADLINE** should be used in a preventative disease control program. **Roundup WeatherMax** is a registered trade-mark of Monsanto Technology LLC. © 2013 BASF Canada Inc.

 **BASF**

The Chemical Company