

Integrity herbicide

technology sheet

Broad-spectrum weed control to give corn and soybeans a weed-free start.

- Early season control of key grass and broadleaf weeds
- Unique mode of action for control of velvetleaf
- Excellent follow-crop flexibility
- Multiple modes of action to help control resistant biotypes

Active ingredients

Saflufenacil – Group 14
Dimethenamid-P – Group 15

Formulation

Emulsifiable concentrate

One case contains

2 x 9 L jugs
Also available as 450 L tote.

Storage

Unheated, dry



Untreated



Integrity® + Merge® + glyphosate

On glyphosate-resistant Canada fleabane.
Source: BASF research trial, Ridgeway, ON, 2014

Crops

Corn (field and sweet)

Soybeans

Staging

pre-plant¹, pre-plant incorporated,
pre-emergence

pre-plant¹, pre-emergence¹

Weeds controlled

In corn²

Broadleaves

Common ragweed
Eastern black nightshade³
Lamb's quarters
Redroot pigweed
Velvetleaf
Wild buckwheat
Wild mustard

Grasses

Barnyard grass
Crabgrass (smooth, large)
Fall panicum
Foxtail (giant, green, yellow)
Old witchgrass
Yellow nutsedge³

In soybeans

Broadleaves

Broadleaf plantain
Canada fleabane⁴
Common ragweed⁴
Dandelion⁵
Giant ragweed
Lady's thumb
Lamb's quarters
Perennial sow thistle⁶
Prickly lettuce⁷
Redroot pigweed
Shepherd's purse
Stinkweed
Wild buckwheat
Wild mustard

Grasses

Barnyard grass⁸
Crabgrass (large)⁸
Foxtail (green, yellow)⁸

¹ Apply in tank mix with glyphosate. ² Weeds listed are controlled when Integrity is applied at the full label rate of 0.45 L/ac.
³ Pre-plant incorporated only. ⁴ Includes glyphosate-resistant biotypes. ⁵ Suppression only. ⁶ Top growth burndown control only.
⁷ Top growth only. ⁸ Early season suppression.

 **BASF**

We create chemistry

Integrity activity

Integrity® uses two modes of action for broad-spectrum control, powered by Kixor®, a unique chemistry that provides contact and systemic activity.



Untreated



Integrity

Source: Research trials, Ridgeway, ON, 2009

For more information:

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

Visit agsolutions.ca

Application rates

One case treats 40 to 120 acres, depending on rate used.

One tote treats 1,000 acres (0.45 L/ac rate).

Corn	Full rate ⁹	0.45 L/ac (1.1 L/ha)
	Set-up rate ¹⁰	0.3 L/ac (0.75 L/ha)
Soybeans	Soybean rate	0.15 L/ac (0.37 L/ha)

Water volume

Ground application 40 to 80 L/ac (10 to 20 gal/ac)

⁹ Use full rate, tank-mixed with glyphosate for early pre-plant. Use full rate of Integrity alone for pre-plant incorporated and pre-emergent applications. ¹⁰ This reduced rate should be used at pre-emergence, when an in-crop application of glyphosate is planned for glyphosate-tolerant corn. See label for weeds controlled.

Mixing order

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 Integrity while continuing agitation.
5. For applications to soybeans, 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

Do not apply Integrity full rate to sweet corn on coarse soils as injury may occur.

For corn, a nitrogen solution or complete liquid fertilizer carrier may be used as a replacement for water for use in pre-plant incorporated or pre-emergent applications. Do not apply Integrity in liquid fertilizer to soybeans. Refer to label for additional details.

For pre-plant incorporated, do not incorporate Integrity more than 3 cm deep.

Pre-harvest interval

60 days after application for sweet corn or soybeans.

100 days after application for field corn.

Follow crops

Anytime after application	Sweet and field corn
100 days after application	Cereals other than corn
11 months after application	All other crops
22 months after application	Peppers, onions, sugar beets

Tank mixes

Herbicide: Glyphosate (pre-plant or pre-emergent applications)

Please see respective product labels or call **AgSolutions** Customer Care for a listing of other supported tank mixes.

Always read and follow label directions.

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