

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 check



Integrity® treated

Source: BASF grower-applied field trial, Caledonia, ON, 2009

Crops

Corn (field and sweet)

Soybeans

Staging

pre-plant surface¹ or incorporated,
pre-emergent

pre-plant surface¹

Weeds controlled²

Broadleaves

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

Grasses

Barnyard grass
Crabgrass (smooth, large)
Fall panicum
Foxtail (green, yellow)
Yellow Nutsedge³

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.

 **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 check



Integrity treated

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

Corn	Full rate ¹	0.45 L/ac (1.1 L/ha)
	Set-up rate ²	0.3 L/ac (0.75 L/ha)
Soybeans	Soybean rate ³	0.15 L/ac (0.37 L/ha)

¹ 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.

² This reduced rate should be used pre-emergence, when an in-crop application of glyphosate is planned for glyphosate-tolerant corn. See label for weeds controlled.

³ For soybeans, do not incorporate Integrity or apply after planting as injury may result.

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 granule 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, sugarbeets

Tank mixes

Herbicide: Glyphosate (pre-plant surface 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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