

Midwest Edition

BEAT YIELD-ROBBING GRASS AND BROADLEAF WEEDS TO THE PUNCH WITHOUT GLYPHOSATE

A Flexible Solution to Deliver Effective Early Postemergence Control of Grass and Broadleaf Weeds in Corn

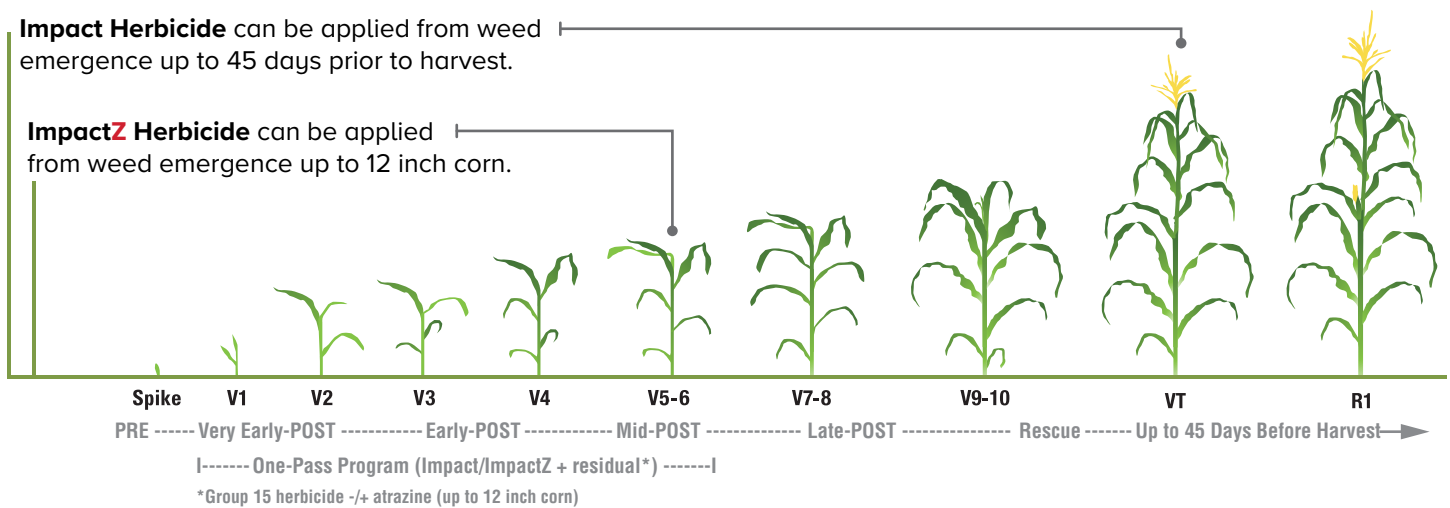
- Control tough grass and broadleaf weeds without glyphosate
- Apply in a two-pass sequential program following a residual grass herbicide, or apply tank mix with a residual grass herbicide in a one-pass program
- Superior crop safety in all types of corn
- Flexible application window
- For best results, apply **Impact**[®] or **ImpactZ**[®] **Herbicide** while grass and broadleaf weeds are young and actively growing
- MSO at 1.0–1.5% v/v plus AMS at 2.0–2.5 lb/A are the preferred adjuvants.
- Apply at 15–20 gal/A using flat-fan nozzles producing medium (250–400 micron) size droplets.



Untreated (left) vs acetochlor + atrazine PRE followed by **ImpactZ** (right) 10.7 fl oz/A + MSO 1% v/v + AMS liquid 3 pt/A Iowa State University trial, Ames, IA

Impact Herbicide can be applied from weed emergence up to 45 days prior to harvest.

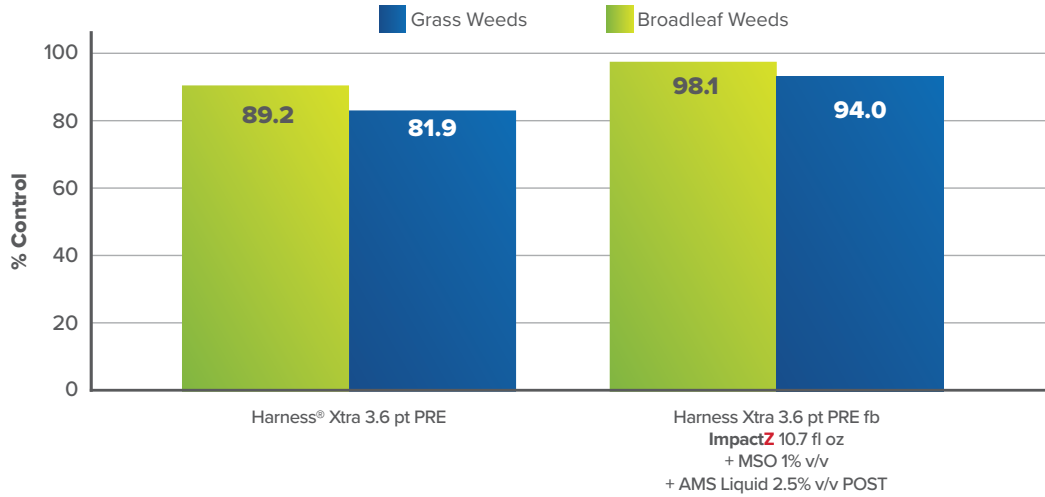
ImpactZ Herbicide can be applied from weed emergence up to 12 inch corn.



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ImpactZ 2-Pass Programs in Corn

% Weed Control 14 to 21 Days After POST Application



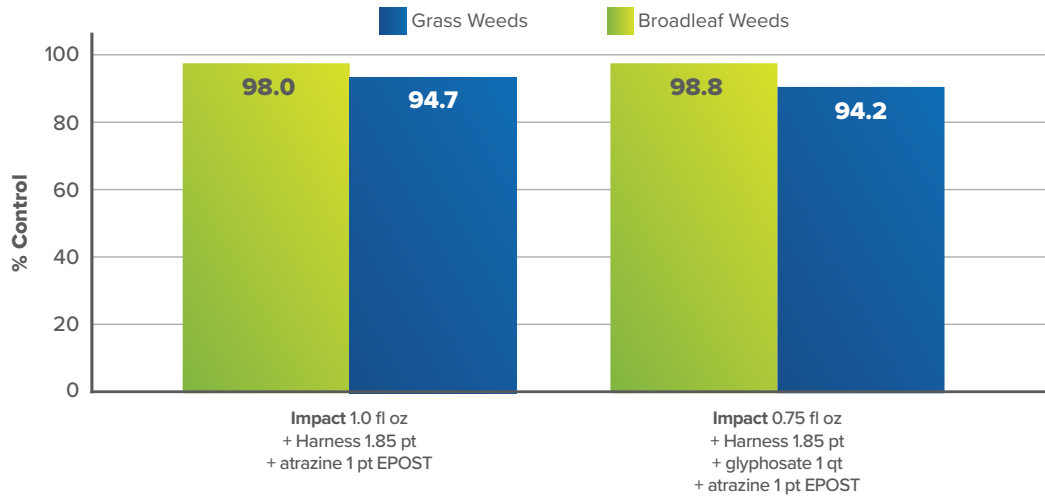
Treatments (Rate/A)

Summary of 16 trials (broadleaf weeds) and 12 trials (grass weeds) conducted by universities in 2018. Broadleaf weed ratings include velvetleaf (6), waterhemp (4), Palmer amaranth (5), Powell amaranth (1), redroot pigweed (3), common lambsquarters (6), common ragweed (3), giant ragweed (3), common cocklebur (2), morningglories (5), wild buckwheat (1), kochia (1), prickly lettuce (1), marestalk (horseweed) (1), dandelion (2), Venice mallow (1) and horsenettle* (1). Grass weed ratings include giant foxtail (5), green foxtail (2), fall panicum (1), large crabgrass (1), foxtail millet* (1) and wild oat* (1).

*Weed is not on **ImpactZ** label but evaluated in trials and included in data summary.

Impact Early POST Programs in Corn

% Weed Control 14 to 21 Days After EPOST Application



Treatments (Rate/A)

Summary of 20 trials (broadleaf weeds) and 15 trials (grass weeds) conducted by universities in 2018. Broadleaf weed ratings include velvetleaf (7), waterhemp (6), Palmer amaranth (5), Powell amaranth (1), redroot pigweed (5), common lambsquarters (7), common ragweed (4), giant ragweed (4), common cocklebur (5), morningglories (7), hairy nightshade (1), wild buckwheat* (2), common sunflower (2), kochia (1), carpetweed (1), prickly lettuce (1), marestalk (horseweed) (1), horsenettle* (1) and Venice mallow (1). Grass weed ratings include giant foxtail (7), large crabgrass (2), green foxtail (1), yellow foxtail (1), fall panicum (1), foxtail millet (1)* and wild oat (1)*. Treatments include MSO 0.25% v/v and AMS Liquid 2.5% v/v.

*Weed is not on **Impact** label but evaluated in trials and included in data summary.