

Tank-Mixes of Permit[®] Herbicide + Glyphosate on Glyphosate-Tolerant Corn Hybrids

A tank-mixture of Permit Herbicide plus glyphosate results in effective weed management for mid to late post applications in glyphosate-tolerant (GT) corn.

Enhanced Weed Control

- Permit offers a second mode of herbicide action to help combat glyphosate weed resistance.
- Permit is the “gold standard” for nutsedge control in corn.
- Registered on over 40 different broadleaf weeds.
- Permit is absorbed by roots & foliage and translocates throughout plant - delivering two fold action on tough weeds.

Valuable Residual Activity

- Permit’s excellent residual activity provides extended control of broadleaf weeds.

Unsurpassed Application Flexibility

- Permit can be tank-mixed with glyphosate in any application from spike through row closure.

Maximum Yield Protection

- By applying early post-emergence, Permit + glyphosate kills and prevents weeds before they rob yields.

Unparalleled Crop Safety

- Permit won’t sacrifice the crop safety that you expect from a GT corn system.
- Seedcorn and popcorn growers use Permit.

Permit will Contribute or Enhance Control of These Key Weeds When Tank-mixed with Glyphosate:

- | | |
|-------------------------------------|---------------------------------|
| • Burcucumber ¹ | • Pigweed, redroot [*] |
| • Cocklebur, common | • Pigweed, smooth [*] |
| • Common ragweed [*] | • Pokeweed, common |
| • Corn spurry | • Prickly sida |
| • Fleabane, Philadelphia | • Smartweed, Pennsylvania |
| • Giant ragweed [*] | • Sunflower, common |
| • Hairy galinsoga | • Velvetleaf |
| • Nutsedge, yellow | • Wild mustard |
| • Morningglory, common ¹ | |

^{*}ALS-susceptible biotypes

¹Suppression

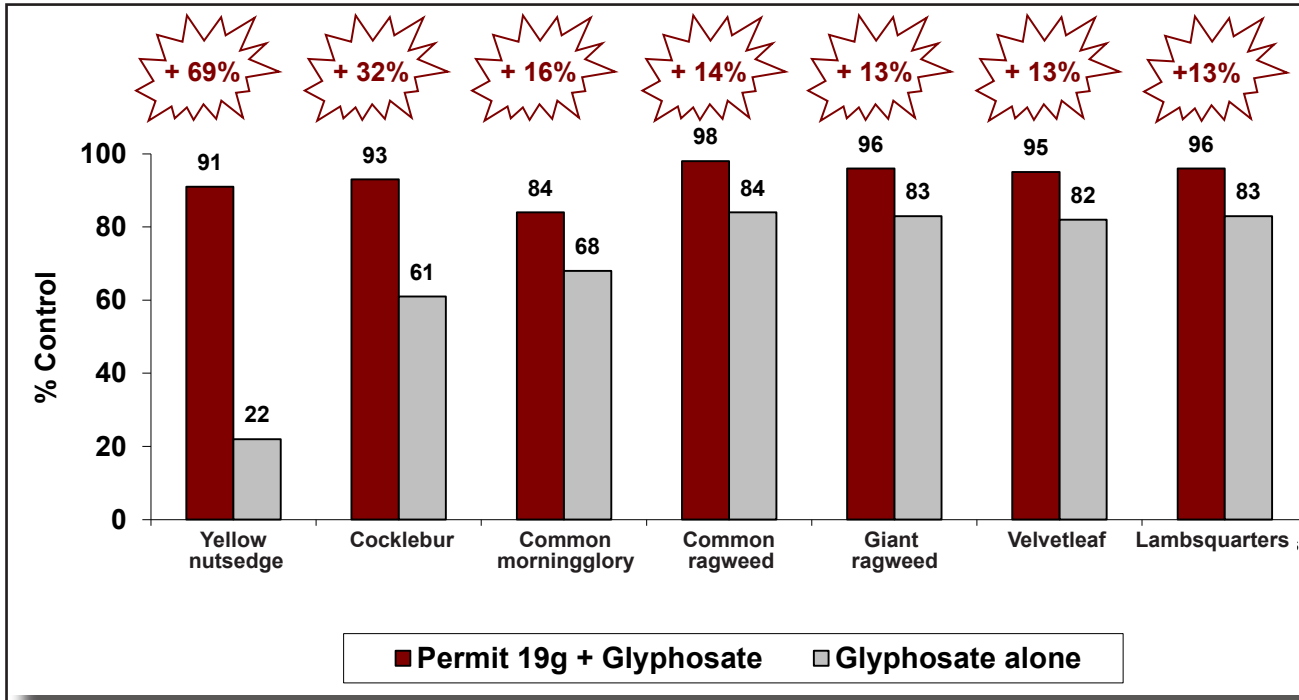
Key Use Recommendations Permit + Glyphosate:

Permit: 1 bottle treats 24 acres
Glyphosate: Please refer to respective label

- Other potential tank mix partners include: 2,4-D, dicamba, atrazine, Callisto[®], Primextra[®], Impact[®], Armezon[®], etc.
- Use 0.25% (2.5L/1000L) of non-ionic surfactants that contain at least 80% active ingredients
- Best applied when targeting weeds <15 cm tall
- Apply in at least 190 L/ha (20 gal/a)
- Consult Permit label for other information and precautions

Permit + Glyphosate: Field Trial Data

Enhanced Knockdown and Residual Weed Control from Addition of Permit Herbicide to Glyphosate



Glyphosate rate in both programs was 0.34 kg ae/acre (equivalent to 650 mL/acre of Roundup WeatherMAX). Appropriate adjuvants were added to each program equally as per label specifications. Data collected from 29 field trials conducted by Midwestern land-grant universities. Data are the average across all ratings taken 36 days or more after application where statistical differences between treatments were noted for a given weed species.

The addition of Permit herbicide to glyphosate resulted in acceptable control of the above weeds vs. glyphosate alone in university trials.

Weed Control Comparison



Permit 19 g/acre +
Glyphosate 710 mL/acre +
AMS & NIS



Glyphosate 710 mL/acre +
AMS & NIS



Untreated Check

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