

POSTEMERGENCE APPLICATION GUIDELINES IN CORN

Active Ingredients	<ul style="list-style-type: none"> • Topramezone: 0.26 pounds of topramezone free acid per gallon. • Atrazine: 4 pounds of atrazine per gallon.
Labeled Uses	<ul style="list-style-type: none"> • All types* of field corn, sweet corn and popcorn and between crop applications. <p>*Including inbreds. Refer to seed company recommendations before application of ImpactZ® Herbicide on inbred lines.</p>
Recommended Rate	<ul style="list-style-type: none"> • 8.0–10.7 fl oz/A (0.016–0.022 lb of topramezone and 0.25 to 0.33 lb of atrazine), see the reverse for use rates on specific weeds.
Tank Additives for Best Performance	<ul style="list-style-type: none"> • AMS at 2–2.5 lb/A or UAN 28–34% at 3 pt/A. <ul style="list-style-type: none"> • Provides ammonium ion transport of weak acid herbicides to site of action. • Liquid AMS (3.4 lb AMS/gal) at 5–6 pt/A may be substituted. • MSO at 1–1.5% v/v (1–1.5 gal/100 gal of water), containing minimum 10% emulsifier. <ul style="list-style-type: none"> • Provides more effective leaf cuticular wax penetration than other adjuvants. • Use higher rate during periods of hot, dry weather and to larger weeds. • With glyphosate tank mixtures, use 0.5% v/v (2 qt/100 gal of water) and AMS.
Tank Mix Partners	<ul style="list-style-type: none"> • Residual soil herbicides containing acetochlor or S-metolachlor – including premixes of these with atrazine. • Other partners include glyphosate, glufosinate, Status®, DiFlexx® and residual corn herbicides.
Application Window	<ul style="list-style-type: none"> • Optimum timing of most labeled weeds is 2- to 4-inch height, weed species dependent. • ImpactZ Herbicide may be applied to corn up to 12 inches in height.
Application Guidelines	<ul style="list-style-type: none"> • Recommended water volume: Apply in 15 gal/A by ground and 4 gal/A by air to obtain thorough coverage. • For ground applications, flat fan spray nozzles, producing medium to coarse droplets. (250–400 micron), are recommended to thoroughly cover weeds with spray droplets. • Application should be made a minimum of four hours before rainfall or irrigation.
Insecticide Guidelines	<ul style="list-style-type: none"> • ImpactZ may be safely applied following a soil-applied organophosphate insecticide, such as COUNTER 20G, or tank-mixed with a foliar-applied insecticide.

Mixing Order Recommendation for ImpactZ Plus Other Components, Including Spray Adjuvants

1. Fill spray tank $\frac{1}{2}$ to $\frac{3}{4}$ full with clean water.
 2. Add dry or liquid nitrogen fertilizers (AMS or UAN).
 3. Add **ImpactZ** Herbicide.
 4. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable) or F (liquid flowable) formulations.
 5. Add EC (emulsifiable concentrate) formulations.
 6. Add spray adjuvants (MSO).
 7. Fill the remainder of the tank with water.
- (Refer to label for full tank mix directions for use)

ImpactZ – Postemergence Application Guidelines in Corn

Broadleaf Weeds Controlled by ImpactZ at 8.0–10.7 fl oz/A and Maximum Recommended Weed Height in Inches at Application¹

Annual Broadleaf Weeds ²	Maximum Size (Inches) ³ 8.0–10.7 fl oz/A	Annual Broadleaf Weeds ²	Maximum Size (Inches) ³ 8.0–10.7 fl oz/A
Amaranth, Palmer	6 ⁴	Nightshade, Eastern Black	6
Amaranth, Powell	6	Nightshade, Hairy	6
Buckwheat, Wild	3 ⁵	Pigweed, Prostrate	6
Burcucumber	6	Pigweed, Redroot	6
Canola, Volunteer	6	Pigweed, Smooth	6
Carpetweed	6	Pigweed, Tumble	4
Chickweed, Common	4	Prickly Lettuce	4
Cocklebur, Common	8	Pusley, Florida	3
Dandelion	6 ⁵	Ragweed, Common	6
Devil's Claw	4 ⁴	Ragweed, Giant	8 ⁴
Galinsoga, Hairy	6	Shepherd's-purse	4
Henbit	4	Sida, Prickly	3
Jimsonweed	6	Smartweed, Ladysthumb	3
Kochia	6 ⁴	Smartweed, Pennsylvania	3
Lambsquarters, Common	6	Sunflower, Common	8 ⁴
Mallow, Common	3	Thistle, Canada	6 ⁵
Mallow, Venice	3	Thistle, Russian	4
Marestail (Horseweed)	6 ⁴	Velvetleaf	8 ⁴
Morningglories	6 ⁵	Waterhemp, Common	6 ⁴
Mustards	6	Waterhemp, Tall	6 ⁴
Nightshade, Black	6		

¹Refer to EPA label for information on best management and stewardship practices regarding herbicide resistance.

²Refer to Section X of ImpactZ label for list of scientific names.

³For best performance, apply before weeds exceed the maximum size or vine length listed.

⁴A rate of 10.7 fl oz/A is recommended if maximum weed size is reached.

⁵Indicates growth suppression.

Grass Weeds Controlled by ImpactZ at 8.0 or 10.7 fl oz/A and Maximum Recommended Weed Height in Inches at Application¹

Annual Grass Weeds ^{2,3}	ImpactZ at 8.0 fl oz/A	ImpactZ at 10.7 fl oz/A	Annual Grass Weeds ^{2,3}	ImpactZ at 8.0 fl oz/A	ImpactZ at 10.7 fl oz/A
Barnyardgrass	4	5	Goosegrass	3	4
Crabgrass, Large	3	4	Johnsongrass, Seedling	4 ⁴	4
Crabgrass, Smooth	3	4	Millet, Wild-Proso	3	4
Cupgrass, Woolly	3 ⁴	3	Panicum, Fall	3 ⁴	3
Foxtail, Giant	4	5	Panicum, Texas	3 ⁴	3 ⁴
Foxtail, Green	3	4	Shattercane	3 ⁴	4 ⁴
Foxtail, Yellow	3 ⁴	3	Signalgrass, Broadleaf	3 ⁴	3

¹Refer to EPA label for information on best management and stewardship practices regarding herbicide resistance.

²Refer to Section X of ImpactZ label for list of scientific names.

³For best performance, apply before grasses exceed the maximum size listed in this table.

⁴Partial Control of grass weeds with ImpactZ at rates shown.

See our entire line of products at AMVAC.com