

POSTEMERGENCE APPLICATION GUIDELINES IN CORN



Labeled Crops	<ul style="list-style-type: none"> All types of field corn, seed corn, popcorn and sweet corn
Recommended Rate	<ul style="list-style-type: none"> 8.0 to 10.7 fl oz/A, see the reverse for use rates on specific weeds
Tank Additives for Best Performance	<ul style="list-style-type: none"> MSO at 1 gal/100 gal plus AMS at 2.0–2.5 lb/A or UAN 28% at 3 pt/A When tank-mixing with glyphosate, use MSO at 2 qt/100 gal and AMS at label rates Increase rate of MSO to 1.5 gal/100 gal during periods of hot, dry weather or when weeds reach maximum label height
Tank Mix Partners	<ul style="list-style-type: none"> Residual soil herbicides such as acetochlor and S-metolachlor – including premixes with atrazine Other partners include glyphosate, Liberty® and Status®
Application Window	<ul style="list-style-type: none"> Optimum timing of most labeled weeds is 2- to 4-inch weed size and corn stage V2 to V4 ImpactZ 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 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"> No label restrictions with either soil applied or foliar insecticides registered for use on corn

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

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| <ol style="list-style-type: none"> 1. Fill spray tank $\frac{1}{2}$ to $\frac{3}{4}$ full with clean water 2. Add soluble packet products, if included, and thoroughly mix 3. Add dry or liquid nitrogen fertilizers (AMS or UAN*) 4. Add ImpactZ herbicide 5. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable) or F (liquid flowable) formulations | <ol style="list-style-type: none"> 6. Add EC (emulsifiable concentrate) formulations 7. Add spray adjuvants (MSO or HSMOC**) to the spray tank 8. Fill the remainder of the tank with water <p>*Nitrogen fertilizer, in addition to adjuvant, must also be added. UAN (28–32%) at 1.25–2.5% v/v or AMS at 8.5–17 lb/100 gal is recommended.</p> <p>**MSO at 1.0–1.5% v/v or High Surfactant Methylated Oil Concentrate at label rate is required.</p> <p>(Refer to label for full tank mix directions for use)</p> |
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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	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	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
Mallow, Venice	3	Thistle, Russian	4
Marestail (Horseweed)	6 ⁴	Velvetleaf	8 ⁴
Morningglories	6	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

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

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

⁴C = Control, PC = Partial Control of grass weeds with ImpactZ at rates shown

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