

Southern Edition

POSTEMERGENCE APPLICATION GUIDELINES IN CORN

IMPACT[®] Herbicide

Active Ingredient	<ul style="list-style-type: none"> • Topramezone: 2.8 pounds of topramezone free acid per gallon
Labeled Crops	<ul style="list-style-type: none"> • All types of field corn, sweet corn and popcorn including inbreds* of these corn types and between crop applications *Refer to seed company recommendations before application of Impact on inbred lines
Recommended Rate	<ul style="list-style-type: none"> • 0.75 to 1.0 fl oz/A (0.016 to 0.022 pounds topramezone), see the reverse page for use rates on specific weeds
Tank Additives for Best Performance	<ul style="list-style-type: none"> • MSO at 1% v/v (1 gal/100 gal of water) plus AMS at 2.0–2.5 lb/A or UAN 28–34% at 3 pt/A • When tank-mixing with glyphosate, use MSO at 2 qt/100 gallons of water and AMS at labeled rates • Increase rate of MSO to 1.5% v/v (1.5 gal/100 gallons of water) during periods of hot, dry weather or when weeds reach maximum labeled height
Tank Mix Partners	<ul style="list-style-type: none"> • Atrazine is recommended at 0.25–1.0 pounds active/A for second effective mode of action • Other partners include glyphosate, glufosinate and residual corn herbicides
Application Window	<ul style="list-style-type: none"> • Optimum timing is 2- to 4-inch weed size • Impact[®] Herbicide may be applied up to 45 days before harvest
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 nozzles are recommended for postemergence applications • Drop nozzles and/or higher spray volume are recommended if the crop canopy prevents adequate spray coverage of weeds • Application should be made a minimum of one hour 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 in corn • When used as directed, Impact may be safely applied following an at-plant application of AMVAC[®]'s COUNTER[®] 20G Insecticide/Nematicide

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

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| <ol style="list-style-type: none"> 1. Fill spray tank ½ to ¾ 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 Impact Herbicide 5. Add WP (wettable 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 (28–34%) at 3 pt/A or AMS at 2.0 to 2.5 lb/A 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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Impact – Postemergence Application Guidelines in Corn

Broadleaf Weeds Controlled by Impact at 0.75–1.0 fl oz/A and Maximum Recommended Weed Height in Inches at Application¹

Annual Broadleaf Weeds ²	Maximum Size (in) ³ 0.75–1.0 fl oz/A	Annual Broadleaf Weeds ²	Maximum Size (in) ³ 0.75–1.0 fl oz/A
Amaranth, Palmer	6 ⁴	Nightshade, Hairy	6
Amaranth, Powell	6	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
Galinsoga, Hairy	6	Ragweed, Giant	8 ⁴
Henbit	4	Shepherd's-purse	4
Jimsonweed	6	Sida, Prickly	3
Kochia	6 ⁴	Smartweed, Ladysthumb	3
Lambsquarters, Common	6	Smartweed, Pennsylvania	3
Mallow, Common	3	Sunflower, Volunteer	8 ⁴
Mallow, Venice	3 ⁵	Sunflower, Wild (Common)	8 ⁴
Marestail (Horseweed)	6 ⁴	Thistle, Canada	6 ⁵
Morningglories	6 ⁵	Thistle, Russian	4
Mustards	6	Velvetleaf	8 ⁴
Nightshade, Black	6	Waterhemp, Common	6 ⁴
Nightshade, Eastern Black	6	Waterhemp, Tall	6 ⁴

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

²Refer to Section X of the EPA label for list of scientific names

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

⁴A rate of 1.0 fl oz/A is recommended if maximum weed size is reached

⁵Indicates growth suppression

Grass Weeds Controlled by Impact at 0.75 or 1.0 fl oz/A and Maximum Recommended Weed Height in Inches at Application¹

Annual Grass Weeds ^{2,3}	Impact at 0.75 fl oz/A	Impact at 1.0 fl oz/A	Annual Grass Weeds ^{2,3}	Impact at 0.75 fl oz/A	Impact at 1.0 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	4 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 the EPA 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 **Impact** at rates shown

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