

Midwest Edition

IMPACT® HERBICIDE – POSTEMERGENCE APPLICATION GUIDELINES IN CORN

Labeled Crops	<ul style="list-style-type: none"> All types of field corn, sweet corn and popcorn including inbreds* of these corn types <p>*Refer to seed company recommendations before application of Impact on inbred lines</p>
Recommended Rate	<ul style="list-style-type: none"> 0.75 to 1.0 fl oz/A, see page 2 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 labeled rates Increase rate of MSO to 1.5 gal/100 gal 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 lb active/A for second effective mode of action Other partners include glyphosate, Liberty®, Status® and residual corn herbicides
Application Window	<ul style="list-style-type: none"> Optimum timing is 2- to 4-inch weed size and corn stage V2 to V5 Impact 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

Impact Aerial Application Guidelines in Corn

- Control of grass and broadleaf weeds
- Impact can be applied up to 45 days before harvest
- The Standard in Corn Safety®**
- Application volume of 4 gal/A recommended for thorough coverage
- An approved drift-reducing additive may be included in tank mix

Aerial Recommended Tank Mix and Additives

Impact at 0.75–1.0 fl oz/A
plus
 Atrazine 4L at 0.5–1 pt/A (if corn height allows)
plus
 Methylated Seed Oil (MSO) at 0.5 pt/A
plus
 AMS at 1 lb/A or UAN at 1 qt/A

Mixing Order Recommendation for Impact Plus Atrazine

- Fill spray tank $\frac{1}{2}$ – $\frac{3}{4}$ full with clean water and begin agitation
- Add AMS at 2.0–2.5 lb/A or liquid equivalent
- Add Impact at 0.75–1.0 fl oz/A
- Add atrazine at 1–2 pt/A¹
- Add MSO at 1 gal/100 gal²
- Fill remainder of spray tank with water while agitating

¹Follow atrazine corn height and maximum rate label restrictions

²Rate of 1.5 gal/100 gal may be used under stress due to hot, dry conditions

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

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