

# IMPACT<sup>®</sup>

## Herbicide

The Standard in Corn Safety™

Postemergence Application Guidelines in Corn	
Labeled Crops	<ul style="list-style-type: none"> <li>All hybrids and inbreds of field corn, food grade corn, sweet corn and popcorn.</li> </ul>
Active Ingredient	<ul style="list-style-type: none"> <li>IMPACT contains 2.8 lb of topramezone, the active ingredient, per gallon.</li> </ul>
Formulation	<ul style="list-style-type: none"> <li>The product is formulated as a suspension concentrate, an easy-to-pour liquid.</li> </ul>
Recommended Rate	<ul style="list-style-type: none"> <li>0.75 fl oz per acre; up to 1 fl oz per acre may be applied under a supplemental label.</li> </ul>
Tank Additives for Best Performance	<ul style="list-style-type: none"> <li>MSO at 1 gal/100 gal plus UAN at 3 pt per acre or AMS at 2.0 to 2.5 lb per acre.</li> <li>Use additives recommended on the Roundup<sup>®</sup> label when tank-mixing with IMPACT.</li> <li>COC may be substituted for MSO if required by tank mix partner.</li> </ul>
Tank Mix Partners	<ul style="list-style-type: none"> <li>Atrazine is recommended at 0.25 to 1.5 lb per acre for added burndown &amp; residual.</li> <li>Postemergence grass and broadleaf corn herbicides unless restricted on the label.</li> <li>Soil residual herbicides labeled for early postemergence application to corn.</li> </ul>
Application Window	<ul style="list-style-type: none"> <li>Optimum timing is 4 to 12-inch corn and 2 to 6-inch weeds.</li> <li>IMPACT may be applied up to 45 days before harvest.</li> <li>Observe preharvest interval of any tank-mix partners with IMPACT.</li> </ul>
Application Directions	<ul style="list-style-type: none"> <li>Recommended gallonage: 15 gpa minimum by ground and 3 gpa minimum by air.</li> <li>Weeds must be thoroughly covered with spray for best control.</li> <li>Drop nozzles and/or higher gallonage are recommended if the crop canopy prevents adequate spray coverage of weeds.</li> <li>Application should be made a minimum of one hour before rainfall or irrigation.</li> <li>Application should be made to corn when weeds are actively growing.</li> </ul>
Insecticide Guidelines	<ul style="list-style-type: none"> <li>No restrictions.</li> </ul>
Label Restrictions & Precautions	<ul style="list-style-type: none"> <li>Avoid cultivating for at least 7 days before or after application.</li> <li>Do not graze or feed treated corn for at least 45 days after application.</li> <li>See federal label for precautions regarding specific herbicide partners.</li> </ul>
Crop Rotation	<ul style="list-style-type: none"> <li>Refer to IMPACT federal and supplemental labels for rotational crop guidelines.</li> </ul>
REI	<ul style="list-style-type: none"> <li>Restricted entry interval (REI) is 12 hours.</li> </ul>
PPE for Early Entry	<ul style="list-style-type: none"> <li>Personal Protective Equipment (PPE) for early entry: Coveralls, shoes plus socks, chemical-resistant gloves Category A.</li> </ul>
Spray Equipment Cleaning	<ul style="list-style-type: none"> <li>Clean spray equipment thoroughly before and after application using a strong detergent or commercial spray tank cleaner to avoid risk of injury to sensitive crops.</li> </ul>
Product Storage Guidelines	<ul style="list-style-type: none"> <li>Store product in a cool, dry place. If product has been stored under freezing temperatures, shake or mix contents of container completely before using.</li> </ul>

## IMPACT® Herbicide – Postemergence Application Guidelines in Corn

### Broadleaf Weeds Controlled by IMPACT at 0.5 or 0.75 fl oz/a and Maximum Recommended Weed Height in Inches at Application<sup>1</sup>

Annual Broadleaf Weeds	Maximum Size (Inches)		Annual Broadleaf Weeds	Maximum Size (Inches)	
	0.5 fl oz/a	0.75 fl oz/a		0.5 fl oz/a	0.75 fl oz/a
Amaranth, Palmer	4"	6"	Nightshade, Hairy	4"	6"
Amaranth, Powell	4"	6"	Pigweed, Prostrate	4"	6"
Burcucumber	4"	6"	Pigweed, Redroot	4"	6"
Carpetweed	4"	6"	Pigweed, Smooth	4"	6"
Chickweed, Common	2"	4"	Pigweed, Tumble	2"	4"
Cocklebur, Common	5"	8"	Pusley, Florida	2"	3"
Dandelion*	4"	6"	Ragweed, Common	4"	6"
Galinsoga, Hairy	4"	6"	Ragweed, Giant	5"	8"
Horseweed (Marestail)	4"	6"	Shepardspurse	2"	4"
Henbit	2"	4"	Sida, Prickly	2"	3"
Jimsonweed	4"	6"	Smartweed, Ladysthumb	2"	3"
Kochia	4"	6"	Smartweed, Pennsylvania	2"	3"
Lambsquarters, Common	4"	6"	Sunflower, Volunteer	5"	8"
Lettuce, Prickly	3"	4"	Sunflower, Wild (common)	5"	8"
Mallow, Common	2"	3"	Thistle, Canada*	4"	6"
Mallow, Venice*	2"	3"	Thistle, Russian	2"	4"
Morningglory sp.*	4"	6"	Velvetleaf	4"	8"
Mustard sp.	4"	6"	Waterhemp, Common	4"	6"
Nightshade, Black	4"	6"	Waterhemp, Tall	4"	6"
Nightshade, Eastern Black	4"	6"			

\* Indicates partial control or suppression of weed

### Grass Weeds Controlled by IMPACT at at 0.75 or 1.0 fl oz/a and Maximum Recommended Weed Height in Inches at Application<sup>1</sup>

	Impact at 0.75 fl oz/A	Impact at 1.0 fl oz/A		Impact at 0.75 fl oz/A	Impact at 1.0 fl oz/A
Barnyardgrass	4"	4"	Goosegrass	3"	3"
Crabgrass, Large	3"	3"	Johnsongrass, Seedling	PC <sup>†</sup>	4"
Crabgrass, Smooth	3"	3"	Millet, Wild-Proso	3"	3"
Cupgrass, Woolly	PC <sup>†</sup>	3"	Panicum, Fall	PC <sup>†</sup>	3"
Foxtail, Giant	4"	4"	Panicum, Texas	S	S
Foxtail, Green	3"	3"	Shattercane	S	S
Foxtail, Yellow	PC <sup>†</sup>	3"	Signalgrass, Broadleaf	PC <sup>†</sup>	3"

<sup>†</sup>PC = Partial control of these grasses with Impact at 0.75 fl oz/A; control at 1.0 fl oz/A. S = Suppression of Texas Panicum and Shattercane up to 3 and 4 inch heights, respectively. <sup>1</sup> For best performance, add atrazine at 0.5 lb/A minimum + MSO at 1 gal/100 gal + AMS at 2.5 lb/A.

### IMPACT - The Roundup® Tank Mix Partner of Choice™

Weed Resistance Management Programs in Glyphosate Tolerant Corn Hybrids  
Apply IMPACT at 0.5 - 0.75 fl oz/a in tank mixtures with glyphosate for control of glyphosate tolerant or resistant weed species.  
Use spray adjuvant, and include ammonium sulfate, as recommended on the glyphosate product label.



For more information about IMPACT herbicide contact your local agricultural chemical retailer or AMVAC representative at 1-888-GO AMVAC (1-888-462-6822) or visit [www.impactherbicide.com](http://www.impactherbicide.com) or [www.amvac-chemical.com](http://www.amvac-chemical.com). Always read and follow all label directions and use precautions. Roundup is a registered trademark of Monsanto. IMPACT is a registered trademark and The Standard in Corn Safety and IMPACT - The Roundup Tank Mix Partner of Choice are trademarks of AMVAC Chemical Corporation. ©2011 AMVAC Chemical Corporation. AMIP-2011-10