

Sonic®

CONTROL TOUGH BROADLEAF WEEDS IN SOYBEANS

HERBICIDE

Product Advantages

- Excellent broad-spectrum control of large- and small-seeded broadleaf weeds
- Long-lasting residual performance allows for optimal timing of post applications
- Resistance management through two unique modes of action
- Wide application window: preplant to three days after plant
- Outstanding crop safety



Treated with 3 oz of Sonic® and Durango® DMA®
(photo taken 42 days after application, Freeport, IL)

Control Target Weeds



Lambsquarter



Marestalk



Pigweed



Waterhemp



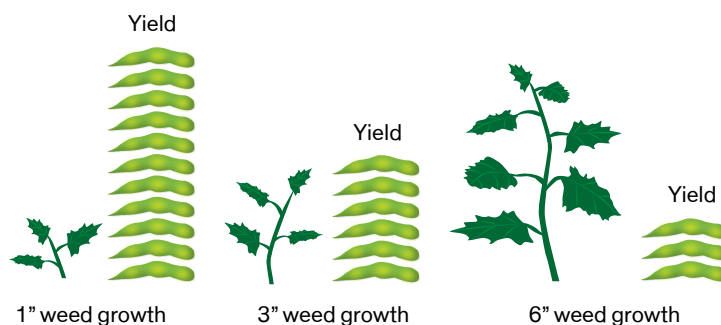
Common
& Giant Ragweed



Morningglory

Protect Yield Potential

- Control weeds early to prevent yield-robbing competition
- Manage weeds preemergence before options become limited during post application
- Apply a residual herbicide early to manage workload



**6-8" of dense weed growth can
cause 4-5 bushels of lost yield***

See reverse side for a comprehensive list of weed spectrum.

*Study by Southern Illinois University.

Application Flexibility to Fit Your Operation



Fall → up to 3 days post plant

Fall	Spring	Planting + 3 days
Apply before tillage or no till	Apply early to manage workload and reduce weather variability	Apply up to 3 days post planting to give beans a clean start
4 - 6 oz	3 - 5 oz	3 - 5 oz

Weed Spectrum

Annual Morningglories	Pigweed species
Canadian Thistle	Ragweed, Common & Giant
Cocklebur	Russian Thistle
Ivyleaf Morningglory	Smartweed species
Kochia	Sunflower, Common
Lambsquarter	Sedges
Marestail/Horseweed	Velvetleaf
Nightshade species	Waterhemp species
Palmer Amaranth	Wild Mustard

Crop Rotation Interval

soybeans	anytime
wheat	4 months
corn (field, pop, seed)	10 months
alfalfa, barley, dry shelled beans, oats, peanuts, rye, sorghum	12 months
canola	24 months
sugar beets, sunflowers, tobacco	30 months*

*Refer to Sonic label for additional crop rotation interval restrictions

Tank Mix for Enhanced Burn Down Control

Easy to handle and provides good tank mix compatibility

Tank Mix Partner	Rate
Durango® DMA®	1.5 - 2 pints
2,4-D	1 pint

Tank Mix Sequence Procedures

1. Fill tank half-full with liquid carrier, e.g. water or liquid fertilizer (if micronutrients are being used - add to the carrier at this time) Pre-slurry micronutrients in water if using liquid fertilizer as the carrier
2. Begin agitation
3. Compatibility agent (if needed when using fertilizer)
4. Sonic and other Wettable Powders/Dry Flowables (WG): pre-slurry 5 minutes with a minimum of 1 gallon of water for each 7.5 lb. bottle of Sonic for use with fertilizer
5. Flowables / Liquid Suspensions (SC)
6. Capsule Suspension (CS, ZC)
7. Emulsifiable Concentrate (EC)
8. Suspension Emulsion (SE, EW)
9. Soluble Liquids (SL), e.g. Durango® DMA® herbicide, glyphosate products, Gramoxone SL 2.0, 2,4-D amine
10. Crop oil concentrate (COC), Non-ionic surfactant (NIS), other adjuvants
11. Top off with liquid carrier

Service Policy

Sonic is supported by the Dow AgroSciences Corn and Soybean Herbicides Service Policy. For more information please contact your Dow AgroSciences representative.

For more information on Sonic Herbicide, visit www.SonicHerbicide.com.



Dow AgroSciences

Solutions for the Growing World





Give soybeans an early edge.

In the yearly pursuit of maximum yield, you want to give your soybeans every advantage possible.

That includes a crop-protection program with preemergence control of herbicide-resistant and difficult-to-control weeds that compete with soybeans for essential nutrients.

Get that broad-spectrum, residual control with multiple modes of action in Sonic® herbicide from Dow AgroSciences.

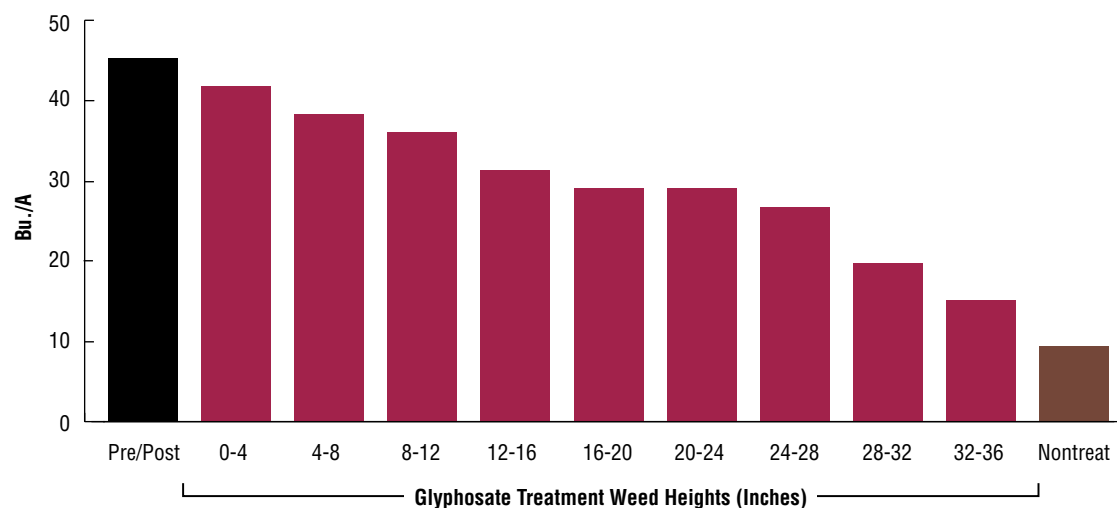
Protect yield potential.

According to a study by Southern Illinois University, every inch of weed growth in soybeans can lead to 0.7 bu./A in lost yield.

Early season weed activity in your fields can deprive soybeans of vital soil nutrients and sunlight during key stages of crop development — making it all the more important to control weeds right from the start.

The Southern Illinois University research shows that a grower could have protected 6 bu./A by using a pre-post spray program versus making the first weed control application with glyphosate when weeds were 4 to 8 inches tall.

Effects of glyphosate application timing on soybean yields.



A powerful component for two-pass weed control, Sonic complements glyphosate herbicides such as Durango® and Duramax®, helping these sprays to be made at the optimum time on smaller, more uniform-sized weeds. Applied from preemergence up to three days after planting, Sonic offers soil residual activity to manage weeds well into the growing season.



Two modes of action provide effective control.

Sonic contains two active ingredients with unique modes of action — cloransulam-methyl (a Group 2 ALS inhibitor) and sulfentrazone (a Group 14 PPO inhibitor) — to attack weeds in two different ways. This allows Sonic to offer broad-spectrum control against some of the toughest broadleaf weeds — including marestail, waterhemp, lambsquarters, ragweed and many others.

Prevent the spread of resistance.

Sonic® herbicide also is effective against weeds that are resistant to or hard to control with glyphosate.

Multiple modes of action complement the performance of herbicide-tolerant traits while helping to prevent the spread of glyphosate resistance. It's a more effective, more responsible means of crop protection.

Get convenience and control.

Not only does Sonic take on the toughest weeds in soybean fields, it does so while being easy to use.

Sonic comes in a convenient premix formulation that can be easily tank-mixed with other crop protection chemicals — including 2,4-D and glyphosate. And because it can be applied in the spring or used as a fall burndown with residual, it provides added flexibility in managing your workload.

Realize exceptional preemergence control against herbicide-tolerant and difficult-to-control weeds by treating soybean fields with Sonic. **Learn more at www.SonicHerbicide.com.**



Science. Yield. Success.™

