# Sonic

## HERBICIDE



Treated with 4.0 oz of Sonic® herbicide - Illinois (photo taken 8 weeks after application).

### **Control target weeds**



Lambsauarters







Pigweed





Ragweed,<sup>1</sup> common & giant Morningglory





Waterhemp





#### **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, but prior to soybean cracking or emergence
- Outstanding crop safety

#### 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



1" weed growth

6" weed growth

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

3" weed growth

\*Study by Southern Illinois University.

#### Application flexibility to fit your operation



Application flexibility to fit your operation

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



**Rates** 

#### Weed spectrum

Common cocklebur

#### Kochia

Common lambsquarters

Horseweed (marestail)<sup>1</sup>

Annual morningglories

lvyleaf morningglory

Wild mustard

Nightshade species

**Pigweed species** 

Common & giant ragweed<sup>1</sup>

Russian thistle

Pennsylvania smartweed

Common sunflower

Annual sedge

Velvetleaf

Common & tall waterhemp

#### **Crop rotation interval**

Soybeans	Anytime	
Wheat	4 months	
Corn (field, pop, seed)	10 months	
Alfalfa, barley, cotton, dry shelled beans, oats, peanuts, rye, sorghum	12 months	
Canola	24 months	
Sugar beets, sunflowers, tobacco	30 months <sup>*</sup>	

\*Refer to Sonic® herbicide label for additional crop rotation interval restrictions.

#### Tank-mix for enhanced burndown control

Easy to handle and provides good tank-mix compatibility

Tank-mix partner	Rate
Durango® DMA® herbicide	1.5 - 2 pt.
2,4-D	1 pt.

#### Tank-mix sequence procedures

- 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
- Sonic and other Wettable Powders (WP)/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
- 4. Water conditioners
- 5. Compatibility agent (if needed)
- 6. Liquid flowables
- 7. Emulsifiable Concentrate (EC) including 2,4-D ester<sup>1</sup> in a burndown, and Emulsion in Water (EW)
- 8. Soluible Liquids (SL)

*Note:* \*If using paraquat containing product, add (NIS) to tank before adding paraquat product.

- 9. Crop Oil Concentrate (COC), Non-Ionic Surfactant (NIS), Methylated Seed Oil (MSO) and other adjuvants or compatibility agents
- 10. Micronutrients
- 11. Top off with liquid carrier

<sup>1</sup> Will not control ALS resistant biotypes of these weed species

For more information about Sonic herbicide visit **SonicHerbicide.com**, call 800-258-3033 or contact your local Corteva Agriscience representative.

\*\* <sup>®</sup> Trademarks of Corteva Agriscience and its affiliated companies. Durango<sup>®</sup> DMA<sup>®</sup> and Sonic<sup>®</sup> are not registered for sale or use in all states. Contact you state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions.

© 2023 Corteva.

