



# Herbolyte™

## The Ideal Liquid Adjuvant

For a **quicker and more effective weed kill**, use Herbolyte as a replacement for Ammonium Sulfate (AMS) on Roundup Ready, Liberty & Enlist™ systems.

**Herbolyte** drops those troublesome weeds fast while crops stand strong and continue to grow after spraying. Ten quarts of glyphosate and four quarts of Herbolyte are used per 100 gallons of spray solution. Herbolyte is the ideal way to get better weed control at a lower cost for many reasons.

## Three BIG Reasons to use Herbolyte...

### #1. FASTER WEED KILL!



*Herbolyte with glyphosate kills grasses and broadleaf weeds fast, including waterhemp (top left), dandelions (top right) and lambsquarters (bottom right) while leaving crops strong and green.*



Herbolyte is the ideal adjuvant for mixing with glyphosate as a replacement for AMS. Herbolyte helps glyphosate **work faster** and **more effectively** in Roundup Ready cropping systems **without crop yellowing or stunting**.

Herbolyte kills weeds faster because it is designed to enhance herbicide performance by modifying spray solution pH and water hardness. This **special ingredient blend** has been found to promote herbicide uptake (such as glyphosate) into the weeds.

The **rapid absorption of Herbolyte and glyphosate** allows weeds to uptake the spray mixture quickly and works more aggressively. The advantage of a quicker herbicide uptake is a **faster burndown** of the weeds, all of which leaves a healthier crop!

### #2. HEALTHIER CROPS!



Growers often observe crop stress in Roundup Ready cropping systems after applications of glyphosate and AMS. It is well recognized that the high salt content of AMS and glyphosate may cause stunting and yellowing of the crop as well as reduce nodulation as it is exuded from the crop roots.

**Herbolyte** is a very **low salt adjuvant** and its special blend helps keep the crops **greener** and **less stressed** after spraying. This feature keeps the plants growing without stunting their full potential.

“Glyphosate can inhibit root nodulation and nitrogen-fixation, an effect which can occur up to four months after glyphosate application.<sup>1</sup>” Although this may be well documented, Roundup Ready growers using Herbolyte versus AMS have observed positive results maintaining healthy root microflora and increased nodulation.

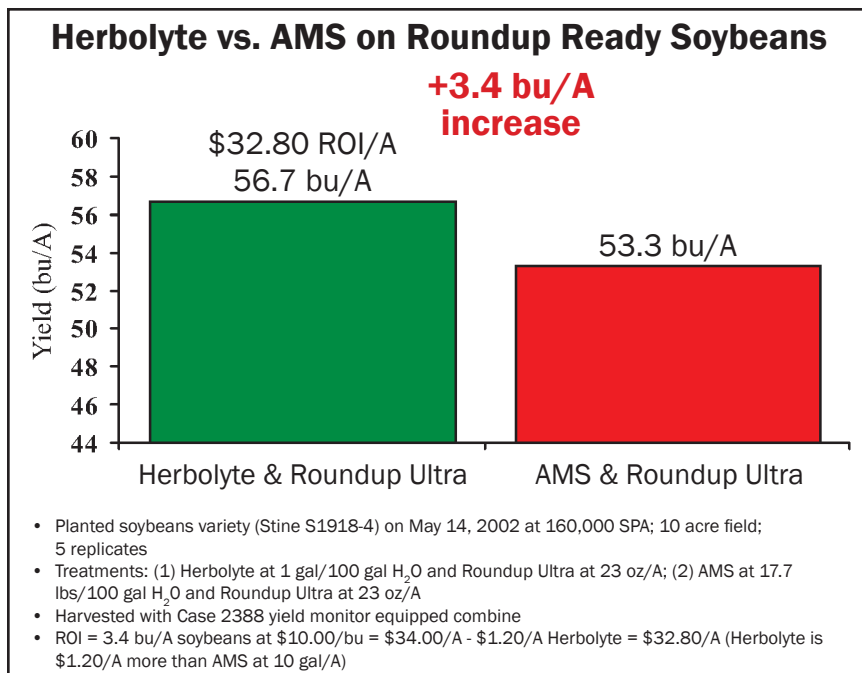
<sup>1</sup>Eberbach & Douglas 1983, 1989; IPCS 1994; Maatenson 1992



## #3. MORE PROFITABLE!



The economic benefits of faster and more effective weed control is a crop that stays greener longer. Grower results have shown a **positive yield response** in Roundup Ready corn and soybeans that uses Herbolyte in comparison to standard glyphosate and AMS treatments. Check below to see how Herbolyte averages out compared to AMS in an independent trial.



## AND MORE PROFIT!

Field research and data indicate **substantial yield increases** with the addition of ProfitProAG's MicroNutrient Mix™ and Herbolyte during spraying.

## A COUPLE MORE REASONS...

Ammonium Sulfate (AMS) is **TOUGH** on your **CROPS** and **EQUIPMENT**. It can corrode spray nozzles and pumps and is difficult to handle and mix thoroughly.

Save the hassle. **Herbolyte's easy-to-use liquid formulation** mixes easier and more thoroughly than dry AMS and is available in a variety of package sizes.

**Replace AMS with Herbolyte today.** Herbolyte is the ideal adjuvant—at an ideal price!



### Grower's comments:

*"I never have yellow flash or cupping when I overlap."*

*"Soybeans are greener where I use Herbolyte."*

*"Excellent weed kill including a good, fast kill on lambsquarters, and it only took one application."*

*"Less SDS with Herbolyte vs. my neighbors."*

*"Herbolyte takes down big weeds!"*

*"Herbolyte works better than anything I've tried!"*

*"Herbolyte helps with my dandelion control."*



### A commercial applicator/dealer says:

*"I automatically use Herbolyte for all our customers; it gives me confidence that I won't have to respray."*

**One gallon of Herbolyte mixed with 100 gallons of spray solution will treat 10 acres of Roundup Ready crops at 10 gallons per acre total volume. Applied at recommended label rates, Herbolyte costs about \$1.68/A in typical Roundup Ready cropping systems and replaces cost associated with AMS and other surfactants.**

Always follow label directions. Effectiveness of herbicides may vary. Contact ProfitProAG's CMCs for details.

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