

Adjuvant Cost Comparison

Revised December 16, 2023

	<u>AMS</u>	<u>All-In 2</u>
	<ul style="list-style-type: none"> • Lowers water pH • Contains Nitrogen 	<ul style="list-style-type: none"> • pH buffer • Contains Nitrogen • Anti-drift & Retention (greatly improved rainfastness) • Anti-foam agent • Anti-Evaporant • Increased Herbicide • Translocation
<u>Spray Droplet Coverage on Leaf Surfaces</u>	Poor (when windy), Good (when calm)	Excellent
<u>Rate</u>	17.5 lbs. per 100 gal. water	1 qrt per 100 gal. water
<u>Package Size</u>	51 lb bag	2.5 gallon jug
<u>Unit Price</u>	\$0.40 per pound (full pallet) \$0.45 per pound (bag)	\$35.00 per gallon
<u>Cost Per Acre</u>	\$0.60 @ 10 gals/acre \$0.90 @ 15 gals/acre \$1.20 @ 20 gals/ acre	\$0.87 @ 10 gals/acre \$1.31 @ 15 gals/acre \$1.75 @ 20 gals/acre
<u>Advantages</u>	<ul style="list-style-type: none"> -Lowest cost -Stored in humidity controlled warehouse -Pallets never stacked on top of each other 	<ul style="list-style-type: none"> -Lower product volume -No heavy bags to lift -Simple mix includes antidraft & nitrogen in one package -Lower cost than dry AMS & antidraft -Not abrasive on pump seals -Non corrosive -No odor

All-In 2 is only \$0.41 per acre more than dry AMS @ 15 GPA

AMS REPLACEMENT

Cost competitive with dry AMS with drift control

All-In 2 is a liquid homogenous blend of a water conditioner, translocation acid, and deposition aid formulated to enhance glyphosate performance by sequestering metal cations, improving droplet retention and maximizing movement into the plant tissue.

All-In 2 Conditions hard water:

- Completely neutralizes antagonistic Ca, Zn, Fe, and Mg
- Contains moderate levels of ammonium ions to enhance herbicide activity
- Improves humectancy by retarding evaporation loss and crystal formation on the leaf surface

All-In 2 Improves sprayer performance:

- Minimizes percentage of fines less than 150 microns
- Reduces drift and droplet bounce ensuring more pesticide on target

All-In 2 May be used:

- To improve weed control.
- To manage spray drift.
- To correct water quality problems, with all formulations of glyphosate.

All-In 2 Specifics and use guidelines:

- Low use rate liquid formulation.
- 1 quart/100 gallons water.
- Freeze-thaw stable.
- No dust or bags to dispose.
- Mixes easy and won't plug nozzles.
- Contains a defoamer.

All-In 2 is a trademark of VM Distribution Partners.