



WATER CONDITIONING /
WETTING AGENT COMBINATION
ADJUVANT

TECHNICAL BULLETIN

AM-AG LAMS+™ contains a combination of ammonium sulfate and an electrolyte-stable surfactant system in a convenient liquid form. The low foaming system at the recommended use rates delivers the AMS and surfactant required by glyphosate, glufosinate and many other pest control products. By reducing hard water interactions, increasing uptake and spreading, all at the same time, **LAMS+™** significantly increases the performance of most pest control agents.

DIRECTIONS FOR USE

Use **LAMS+™** at a rate of 2.5 to 5 gallons per 100 gallons (2.5 to 5%) of tank mix. Add according to the directions on the pesticide label. If no directions are provided, add when directed to add the ammonium sulfate. The use rates described above meet the surfactant and AMS requirements of such products as glyphosate and other similar products. These rates will deliver 8.5 to 17 pounds of AMS and 0.25 to 0.5% of wetting agent per 100 gallons of spray solution. Do not mix this product with concentrated oil or lecithin based adjuvant products before adding to the tank mix. Add these two kinds of products separately to the tank.

Key Performance Components

- Ammonium sulfate for water conditioning.
- An electrolyte-stable surfactant system.
- Low foaming agent.

What makes LAMS+™ Unique?

- Reduces the negative impact of hard water interactions.
- Provides a superior ammonium source for quicker uptake.

TREATMENT LIST

Dr. Larry Steckel University of Tennessee 2012

	HERBICIDE	USE RATE	+ADJUVANT	USE RATE	NOTES
1	Glyfos® X-TRA+ Flexstar®	11 ounces + 3/4 pint			Soybean Flexstar is Fomesafen GR palmer
2	Glyfos® X-TRA+ Flexstar®	11 ounces + 3/4 pint	Am-Ag LAMS+	2.50%	Fully loaded AMS based NIS blend
3	Glyfos® X-TRA+ Flexstar®	11 ounces + 3/4 pint	Competitor	2.50%	Fully loaded AMS based NIS blend



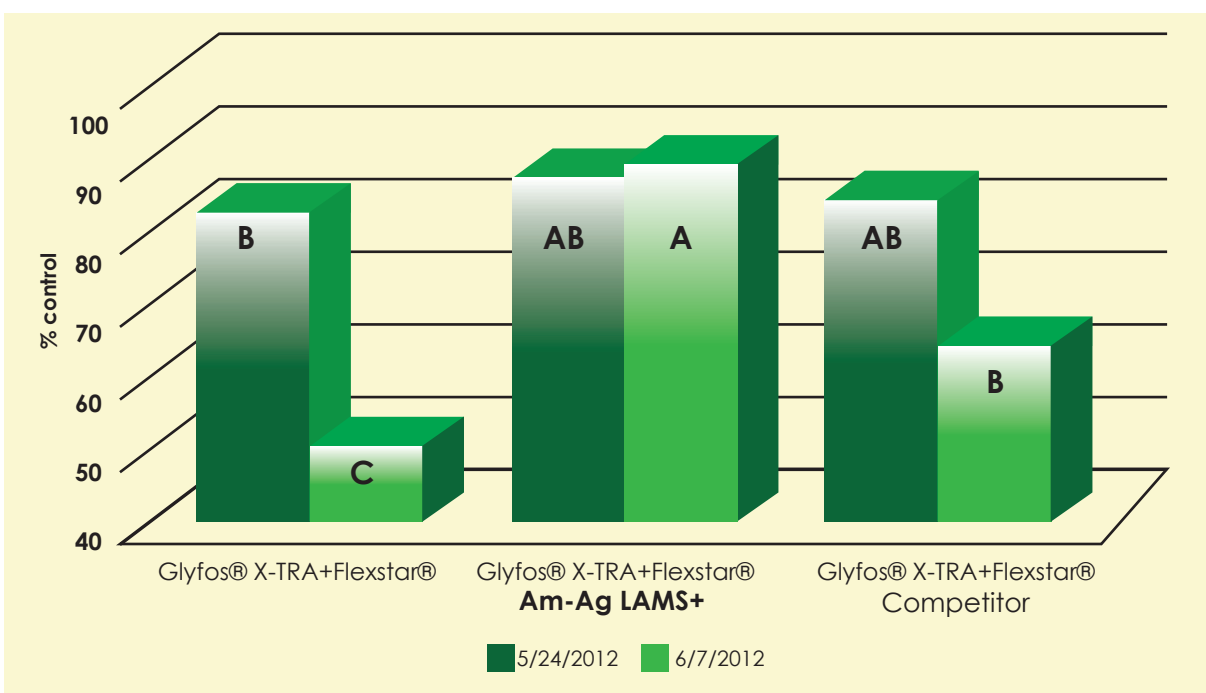
USE RATES

Note: For glufosinate, use up to 9 gallons per 100 gallons or use 5 gallons plus 13 pounds of ammonium sulfate per 100 gallons at 10 gpa to deliver 3 pounds per acre of ammonium sulfate. Amount will vary depending on application rate.

Gallons of LAMS+ per 100 gallons of tank mix	Equivalent quarts of spreader adjuvant	Pounds of dry AMS delivered
2.5	8.5	2
1	5	17

Control of Palmer Amaranth 7 & 21 DAT

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Mixing Instructions

Prior to making any pesticide application, be sure to use clean mixing and application equipment. Carefully follow the observations on the product label. A jar test should be conducted for compatibility before mixing the individual components into the spray tank. Fill spray tank three-quarter full with water and begin agitation. Add **LAMS+™** and continue the agitation process. Add pesticides and/or fertilizers as directed by the product label or use the following mixing order if no other instructions are available:

- 1. Micronutrients and fertilizers.**
- 2. Dry flowables & water dispersible granules.**
(Be sure the granules have dissolved well prior to adding the remaining ingredients).
- 3. Water soluble pesticides.**
- 4. Flowables & emulsifiable concentrates.**
- 5. Continue agitation and complete filling of the spray tank.**