

Spray Modifier



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AMS PREMIUM BLEND MAX

Water Conditioning, Nonionic Surfactant, Deposition Aid, Antifoaming Agent

AMS Premium Blend Max is a water-soluble blend of ammonium sulfate, nonionic surfactant, polyacrylamide polymer and antifoaming agent.

AMS Premium Blend Max is formulated to improve the efficacy of glyphosate, imazamox based herbicides and other post-emergence herbicides that recommend ammonium sulfate and a nonionic surfactant.

AMS Premium Blend Max contains highly processed, sprayable-grade ammonium sulfate that disperses rapidly and reduces spray water antagonism.

The nonionic surfactant in **AMS Premium Blend Max** enhances the biological efficacy of herbicides by modifying the properties of the spray droplet and enhancing the ability of the herbicide to penetrate the surface.

The polymer ingredient in **AMS Premium Blend Max** enhances spray deposition.

The antifoam agent in **AMS Premium Blend Max** suppresses the formation of foam during tank mix agitation.

Always read and follow all label directions, mixing instructions and precautionary statements of the herbicide being applied. AMS Premium Blend Max may be used with applications labeled for agricultural, industrial, non-cropland and other uses where the herbicide label suggests, recommends or requires the use of ammonium sulfate and nonionic surfactant. Not recommended for use with herbicides that do not suggest the use of AMS.

99.5% Ammonium sulfate, carbamide, poloxanlene, poloxalene, 2-hydroxy-1,2,3-propanetricarboxylic acid, polyacrylamide polymer dimethylsiloxane

Available in
36 pound bag.



The AMS Premium Blend Max use rate should always be in compliance with the accompanying herbicide label adjuvant recommendations and guidelines for ammonium sulfate and nonionic surfactant use.

Use Rate	
12 pounds per 100 gallons of spray solution	This rate provides 10.5 pounds of dry ammonium sulfate by weight and the equivalent of 0.25% v/v of a nonionic surfactant

Notice: Many factors affect off-target movement of herbicides such as spray height, nozzle configuration, spray pressure, temperature, wind and thermal inversions. Always follow herbicide label directions to minimize spray drift. AMS Premium Blend

WA Reg. No. 39303-02001



See back for Questions and Answers regarding AMS Premium Blend Max

AMS PREMIUM BLEND MAX

Q: What are the product components of AMS Premium Blend Max?

A: AMS PBM has ammonium sulfate, nonionic surfactant, polyacrylamide polymer and a defoamer in the formulation.

Q: Why are these components important to be in the formulation?

A: First, ammonium sulfate is the best water conditioner for glyphosate applications. Second, glyphosate typically responds to additional surfactant. Third, the addition of a polymer reduces fine spray droplets and increases deposition. Finally, the additional defoamer reduces the foam generated from these applications.

Q: Why is it important to get AMS PBM in the tank first?

A: All glyphosate water conditioners should go in the tank ahead of glyphosate to reduce the amount of glyphosate that can be tied up with free metals in the water.

Q: What is the difference in particle size between AMS PBM and spray grade AMS?

A: The components in AMS PBM are milled to a much smaller size and dissolve in water at much faster rate than spray grade AMS.

Q: What testing has been done with AMS PBM?

A: The McGregor Company has done extensive testing with virtually all the products and technologies on the market that condition water for glyphosate applications and have not found one that works better than AMS PBM.