

Ammonium Sulphate

Similar to: *Liase*® and various spray grade AMS products.

Active Constituent	Ammonium Sulphate		Formulation	Pure Crystalline Chemical
Adjuvant Group	Water Conditioner			
Price ex GST	\$0.76/kg	Typical Pack Size	25kg	
Poison Schedule	-	Dangerous Goods Class	-	UN - Packing Code -
Use	<p>Ammonium Sulphate bagged product provides the following activity:</p> <ul style="list-style-type: none"> - Water softener; overcomes the effect of hard water (>200ppm calcium carbonate) on salt-based herbicide formulations (e.g. Glyphosate 450, 470 & 540 and Amine Phenoxys), and can reduce physical incompatibilities of certain products (e.g. Glyphosate and Dry Flowable or Suspension Concentrate products, e.g. Atrazine and Simazine). - Adjuvant; improves plant uptake of certain chemicals (e.g. Glyphosate). 			
Compatibility	Most products. CARE: In-crop use with selective herbicides may cause crop damage.			
Water Quality	Will not substantially alter water pH – a suitable buffering agent (e.g. Farmpro 700 or Citric Acid) may be necessary to achieve required pH.			
Situation	Purpose	Rate	Comments	
Hard water, tank-mix compatibility issues and stressed/difficult to control target plants	Reduction of hard water effects, overcoming multiple product physical incompatibilities and improved product uptake/efficacy	1kg/100L total spray volume	Glyphosate efficacy can be improved on perennial grasses (e.g. couch).	
Comments				
<p>Commonly used with Glyphosate and in tank mixes.</p> <p>Ammonium Sulphate can overcome antagonism of tank-mix partners such as Atrazine, Diuron, Simazine and Trifluralin, and minimise bicarbonate impact on DIM herbicide efficacy.</p> <p>Generally used at 1% (1kg/100L), however can be increased as requirements dictate (e.g. very hard water or highly stressed weeds in difficult conditions, e.g. 2-5% Ammonium Sulphate with Glufosinate for summer weeds).</p> <p>Solid Ammonium Sulphate is usually much better value than liquid alternatives.</p>				