

## Ammonium Sulphate

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

<b>Active Constituent</b> Ammonium Sulphate		<b>Formulation</b> Pure Crystalline Chemical	
<b>Adjuvant Group</b> Water Conditioner			
<b>Price ex GST</b> \$0.68/kg		<b>Typical Pack Size</b> 25kg	
<b>Poison Schedule</b>	N/A	<b>Dangerous Goods Class</b>	-
		<b>UN</b>	-
		<b>Packing Code</b>	-
<b>Use</b>	<p>Ammonium Sulphate bagged product provides the following activity:</p> <ul style="list-style-type: none"> <li>- Water softener; overcomes the effect of hard water (&gt;200ppm calcium carbonate) on salt-based herbicide formulations (e.g. Glyphosate 450, 470 &amp; 540 and Amine Phenoxy), and can reduce physical incompatibilities of certain products (e.g. Glyphosate and Dry Flowable or Suspension Concentrate products, e.g. Atrazine and Simazine).</li> <li>- Adjuvant; improves plant uptake of certain chemicals (e.g. Glyphosate).</li> </ul>		
<b>Compatibility</b>	Most products. <b>CARE:</b> In-crop use with selective herbicides may cause crop damage.		
<b>Water Quality</b>	Will not substantially alter water pH – a suitable buffering agent (e.g. Farmpro 700 or Citric Acid) may be necessary to achieve required pH.		
<b>Situation</b>	<b>Purpose</b>	<b>Rate</b>	<b>Comments</b>
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).
<b>Comments</b>			
<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>			