

Citric Acid

Active constituent	100% Citric Acid			Formulation	Water Soluble Crystals
Adjuvant group	Water conditioner				
Typical pack size	25 kg				
Poison schedule –	Dangerous goods class –	UN –	Packing code –		
Use	Citric acid bagged product provides the following activity: <ul style="list-style-type: none"> • Acidifier; decreases spray water pH. • Chelating agent; can reduce water hardness (binds with calcium, iron and magnesium ions). 				
Compatibility	MCPA, 2, 4-D and Clopyralid (incompatible with Boom Cleaner and Alkaline compounds/products).				
Water quality	Not affected by water quality.				
Similar products	–				
Situation	Purpose	Rate	Comments		
Alkaline and hard water	Acidifies spray tank solution and reduces alkaline hydrolysis of susceptible products	0.5–2 kg/1000L of spray water	Add to water prior to the addition of other products.		
Comments					
<ul style="list-style-type: none"> • Rate required depends on situation (pH of water, and product/s to be tank mixed). Perform a jar test on spray water to ascertain required rate for target pH of specific herbicide/s (e.g. pH 5–6 for weak acid herbicides such as Glyphosate, Amine Phenoxys, Paraquat and Clethodim). • Ensure crystals are dissolved and pH is adequate before adding other products. 					