

## Carfentrazone 240 EC

Similar to: *Hammer*<sup>®</sup>

<b>Active Constituent</b>	Carfentrazone-ethyl 240g/L		<b>Formulation</b>	EC
<b>Typical Situations</b>	Spike for pre-sowing and knockdown herbicide applications in broadacre crops and fallow.			
<b>Chemical Group</b>	G	<b>Mode of Action</b>	Rapid foliar uptake, poor translocation – disrupts chlorophyll production and destroys cell membranes.	
<b>Indicative Price ex GST</b>	\$79.00/L	<b>Typical Pack Size</b>	5L, 10L	
<b>Poison Schedule</b>	5	<b>Dangerous Goods Class</b>	-	<b>UN</b> -
<b>Withholding Period</b>	<b>Harvest</b>	Do not harvest cotton for 1 day after application.		
	<b>Grazing</b>	Do not graze or cut for hay for 14 days post application.		
<b>Plant Back</b>	N/A			
<b>Application Method</b>	Boom spray 50-150L/ha		<b>Rain fastness</b>	1 hour
<b>Efficacy</b>	High water rates optimise efficacy and good coverage is essential. Bright sunlight and warm temperatures enhance activity.			
<b>Adjuvants</b>	Non-ionic wetter and crop oil.			
<b>Compatibility</b>	Glyphosate, Paraquat, Glufosinate, Atrazine, 2,4-D Amine & Ester, Triasulfuron, Pendimethalin, Simazine and Trifluralin.			
<b>Incompatibility</b>	N/A			
<b>Water Quality</b>	Muddy, saline and hard water all reduce efficacy.			
<b>Time to Effects and Symptoms</b>	Within hours - foliage shows signs of desiccation and in subsequent days, necrosis and death of the plant.			
<b>4F Broadacre Registrations</b>	Pre-sowing broadacre crops, fallow, cotton and grass pastures (see label).			
<b>4F Other Registrations</b>	Commercial, industrial, non-agricultural areas and horticulture (see label).			
<b>Similar Product Registrations</b>	<i>Hammer</i> <sup>®</sup> as above, <i>Affinity Force</i> <sup>®</sup> is registered for broadleaf control in winter cereals*.			
<b>Situation</b>	<b>Target Weed/s</b>	<b>Rate/ha</b>	<b>Comments</b>	
Prior to Sowing Winter Crops	Crassula, Capeweed, Doublegee, Marshmallow, Paterson's Curse, Wild Radish	75ml+Knock down at recommended rate	Used as a spike with knockdowns.	
Grass Pasture (No Clover)	Marshmallow, Annual Nettles	75ml + Hasten 0.5%	May only suppress marshmallow. Be cautious if desirable clover is present.	
<b>Comments</b>				
Carfentrazone is most often used as a spike with knockdowns for difficult weeds such as Marshmallow. Low rates are recommended (around 30ml/ha) when using as a spike with Glyphosate. Carfentrazone shuts down plant metabolism and can limit Glyphosate translocation, thus reducing its efficacy. Rates assume weeds are not hardened, stressed or heavily grazed, and good growing conditions. Do not apply aerially (excepting cotton desiccation). *Similar products (different formulations with the same active ingredient, e.g. <i>Affinity Force</i> <sup>®</sup> ) are registered for tank-mix use with MCPA amine for post-emergent broadleaf control in cereals (later than 3 leaf stage).				