

# Imazamox 700 WG

Similar to: *Raptor*<sup>®</sup>

<b>Active Constituent</b> Imazamox 700 g/kg		<b>Formulation</b> WG	
<b>Typical Situations</b> Field peas, legume pasture and others (see registration section).			
<b>Chemical Group</b> B	<b>Mode of Action</b> Foliar and root uptake, rapid upward translocation – inhibits cell division and disrupts growth.		
<b>Indicative Price ex GST</b> \$297.20/kg	<b>Typical Pack Size</b> 2kg		
<b>Poison Schedule</b> 5	<b>Dangerous Goods Class</b> -	<b>UN</b> -	<b>Packing Code</b> -
<b>Withholding Period</b>	<b>Harvest</b> Not required when used as directed. <b>Grazing</b> Do not cut or graze lucerne or pastures for stock food for 7 days and field peas for 6 weeks after application.		
<b>Plant Back</b>	Nil for Clearfield Wheat and Canola, 10 months for non-Clearfield cereals, chick peas, faba beans, lupins, pasture legumes and lucerne and 21 months for non-Clearfield canola.		
<b>Application Method</b>	Boom spray 50L/ha, <b>DO NOT</b> apply by aircraft or mister		<b>Rain fastness</b> 2 hr
<b>Efficacy</b>	Efficacy and crop safety are maximised in conditions where weeds and crops are actively growing.		
<b>Adjuvants</b>	Wetter 1000 for application to field peas, Speedy Spray for application to pastures.		
<b>Compatibility</b>	MCPA, Simazine, Dimethoate, Alpha Cypermethrin, Phosmet, Omethoate and Endosulfan.		
<b>Incompatibility</b>	Do not tank mix with selective post emergence grass herbicides, MCPA Amine or 2, 4-D Amine in pastures.		
<b>Water Quality</b>	Highly acidic and highly alkaline water can reduce efficacy.		
<b>Time to Effects and Symptoms</b>	10 days – Purpling, chlorosis and death at the growing point of leaves. 3 weeks – Death of plant.		
<b>4F Broadacre Registrations</b>	Field peas and legume based pasture.		
<b>4F Other Registrations</b>	Lucerne, peanuts and soybeans.		
<b>Similar Product Registrations</b>	As above.		
<b>Situation</b>	<b>Target Weed/s</b>	<b>Rate/ha</b>	<b>Comments</b>
Field Peas	Barley Grass, Brome Grass, Deadnettle, Doublegee, Indian hedge mustard, Shepherds purse, Threehorn bedstraw, Turnip weed, Volunteer cereals, Wild oats, Wild radish, Wild turnip and Wireweed.	45g + Wetter 1000 or equivalent at 0.2%.	Don't apply beyond the 4 node stage. Apply to actively growing broadleaf weeds in the cotyledon to 3 leaf stage. Apply to grass weeds up to the 2 tiller stage. Control is not 100% but surviving plants will be effected and will not affect crop growth.
Legume based pastures	As above	45g + Speedy Spray at 0.5%	Apply to pasture after full emergence of the third trifoliolate leaf and before flowering.
	Silver grass	50g + Speedy Spray at 0.5% + AMS at 2%	
Lucerne	Same as field peas and soybeans	45g or 50g plus Wetter 1000 or equivalent at 0.2% + AMS at 2%	Apply to actively growing weeds at growth stages
<b>Comments</b>			
<p><b>Do not</b> use on soils with a pH less than 5.5 when rainfall between application and sowing of cereals is expected to be less than 300mm.</p> <p>Imazamox is broken down by microbial activity therefore has shorter residual activity in warm, moist, neutral and alkaline soils.</p> <p>Group B herbicides may provide an indication of soil trace element deficiencies by inducing trace element deficiency symptoms in crops as a result of their root pruning activity.</p>			