

Imazethapyr 700 WG

Similar to: *Spinnaker*[®]

Active constituent	Imazethapyr 700g/kg		Formulation	WG
Typical situations	Chick peas, faba beans, field peas, serradella, and sub-clover pasture (see registration section).			
Chemical group	2 (B)			
Mode of action	Foliar and root uptake, rapid upward translocation—inhibits cell division and disrupts growth.			
Typical pack size	5kg			
Poison schedule 5	Dangerous goods class –	UN –	Packing code –	
Withholding period	Harvest Not required when used as directed.			
	Grazing Do not graze or cut for hay for 14 days post application.			
Plant back	10 months—Lucerne, lupins, pasture legumes, vetch, wheat, barley, and triticale.			
	22 months—Oats.			
	34 months—Canola and all other non-Clearfield technology crops.			
Application method	Boom spray 50–100L/ha, aerially 20L/ha.		Rain fastness	N/A
Efficacy	Pre-emergence efficacy is maximised by soil moisture to a depth of at least 50mm. Post-emergent application efficacy and crop safety are maximised in conditions where weeds and crops are actively growing.			
Adjuvants	Wetter 1000 or Speedy Spray for post-emergent control. Ammonium sulphate for summer spraying.			
Compatibility	Cyanazine, Diflufenican, Dimethoate, Diquat, Diuron, Glyphosate, Metribuzin, Omethoate, Paraquat, Pendimethalin, Simazine and Trifluralin.			
Incompatibility	Grass selectives.			
Water quality	Highly acidic and highly alkaline water can reduce efficacy.			
Time to effects and symptoms	10 days—purpling, chlorosis and death at the growing point of leaves.			
	3 weeks—death of plant.			
4F Broadacre registrations	Pre-emergence in chick peas, faba beans, field peas and post-emergence in serradella and sub-clover pastures (extract listed).			
4F Other registrations	Irrigated crops (see label).			
Similar product registrations	As above.			

Situation	Target Weed/s	Rate/ha	Comments
Field pea and faba bean (pre-emergent)	Indian hedge mustard, shepherd's purse, stinging nettle, toad rush, turnip weed *dead nettle, doublegee, Paterson's curse, wireweed, wild radish **wild oats, annual ryegrass, barley grass	70g	*May not achieve total kill; surviving weeds will be uncompetitive. **Adequate suppression should be achieved for up to 8 weeks—may require follow up with alternative product.
Subterranean clover pasture (from 3-leaf)	Doublegee	50g +300ml Diuron (500) + Ammonium sulphate (2L/100L)	Use in 1st year pasture phase. Effective in seed set reduction and reduction in biomass. Provides a competitive advantage for clover.

Comments

- Faba beans are temperamental with this product; alkaline soils and light sandy soils have little tolerance for this product.
- Test on sub-clover as Imazethapyr 700 WG has been trialed on Dalkeith and Nungarin varieties only.
- Be cautious of runoff; could be damaging to susceptible plants.
- Do not use on soils with a pH less than 5.5. Group 2 (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.

