

# Glufosinate-Ammonium 200

Similar to: *Basta*<sup>®</sup>

Active constituent	Glufosinate-ammonium salt 200g/L		Formulation	SL
Typical situations	Summer fallow, industrial non-agricultural, horticultural, and other (see registrations section).			
Chemical group	10 (N)			
Mode of action	Contact—absorbed through green foliage with limited upward translocation.			
Typical pack size	20L			
Poison schedule	5	Dangerous goods class	-	UN
			-	Packing code
			-	
Withholding period	<b>Harvest</b> N/A <b>Grazing</b> Do not graze or cut for hay for 8 weeks post application.			
Plant Back	14 days all crops—quickly broken down by soil microbes, therefore little soil residual.			
Application method	Boom spray >100L/ha. <b>Do not</b> apply aerially.		Rain fastness	6 hrs
Efficacy	High water rates and warm humid conditions are optimum (<33°C and >50% humidity). Cool temperatures, dew, fog, and mist will significantly reduce efficacy.			
Adjuvants	Non-ionic wetting agent for very high water rates on hard-to-wet weeds.			
Compatibility	Residual herbicides: Diuron, Oxyfluorfen, Metsulfuron-methyl, Glyphosate, Simazine.			
Incompatibility	Sulphate trace elements.			
Water quality	Hard and muddy water can reduce efficacy.			
Time to effects and symptoms	3–7 days—chlorosis, desiccation, and leaf crisping. 7–20 days—death at growing point.			
4F Broadacre registrations	Industrial and other non-crop areas (extract listed).			
4F Other registrations	Orchards and other horticultural situations (see label).			
Similar product registrations	<i>Basta</i> <sup>®</sup> is registered for broadacre summer fallow weed control.			

Situation	Target Weed/s	Rate/ha	Comments
Maintenance of summer fallow in cereals, pulses, and oilseeds	Annual polymerica, bellvine, bladder ketmia caltrop, dwarf amaranth, field bindweed, flax-leaf fleabane, paddy melon, peach vine, red pigweed, rhyngo, sesbania pea, sow thistle, volunteer cotton, yellow vine	3.75L (see label)	<b>Weed Stage:</b> 2–6-leaf. Effective on weeds that are larger than the recommended leaf stage, but speed of activity and level of control maybe reduced.
Commercial and industrial areas, rights-of-way, and other non-agricultural areas	Barley grass, barnyard grass, brome grass, caltrop, capeweed, common stork's bill, doublegee, fat hen, fumitory, annual medics, mint weed, Patterson's curse, pigweed, ryegrass, silver grass, sub-clover, various thistles, wild radish, wild oats, cape tulip, couch grass, Johnson grass, paspalum spp., wireweed (see label for comprehensive list)	1–6L (see label)	Apply with good coverage to actively growing weeds. <b>Do not</b> exceed 3 applications per season. Will suppress larger weeds.

## Comments

- Optical spot spraying technology (e.g. Weedseeker<sup>®</sup> systems) may increase the viability of this chemistry as a knockdown alternative.
- Correct temperature and humidity conditions are critical to achieve best results with this product (25°C–32°C and greater than 50% humidity).

