

Product Information Sheet

Reviewed February 2025



RATTLER



Product	RATTLER			
Active ingredient:	540 g/l glyphosate (present as 30.8% isopropylamine salt & 23.0% potassium salt)			
Formulation:	Soluble concentrate (SL)			
MAPP number:	15522			
Mode of Action:	Inhibition of enolpyruvyl shikimate phosphate synthase (EPSP) synthase. HRAC code 9 (Legacy HRAC G)			
Pack size:	15 litres			
Aquatic buffer zone	N/A			
Non-target Arthropod	N/A			
Benefits	• Patented Advanced Salt Technology formulation, proven to deliver greater activity than is obtained from other basic or premium single-salt products. • More consistent performance on target weeds across a range of conditions. • More efficient filling – delivers more active ingredient due to the higher glyphosate concentration (each pack contains equivalent active ingredient to 22.5 litres of standard 360 g/l glyphosate). • Preferred by operators – filling is quicker & safer with the more convenient, easier to lift & pour 15 litre pack size.			
RECOMMENDATIONS				
Crops	Full dose	Total dose	No. of application	Latest time of application
Wheat, barley, oats, durum wheat, field bean, combining pea	2.67 l/ha	2.67 l/ha	-	7 days before harvest
OSR & linseed	2.67 l/ha	2.67 l/ha	-	14 days before harvest
Mustard	2.67 l/ha	2.67 l/ha	-	8 days before harvest
Post-planting & pre-emergence of listed cereals, OSR, peas, field bean, mustard, linseed, sugar beet, swede, turnip, bulb onion & leek	1.0 l/ha	1.0 l/ha	-	Pre-emergence of the crop
All edible crops (stubble), All non-edible crops (stubble)	2.67 l/ha or 1.0 l/ha	2.67 l/ha or 1.0 l/ha	-	5 days before drilling/planting or 2 days before drilling/planting
Grassland	4.0 l/ha	4.0 l/ha	-	5 days before harvest/grazing/drilling
Hard surfaces, natural surfaces not intended to bear vegetation.	3.33 l/ha	-	-	-

permeable surfaces overlaying soil				
Amenity vegetation	3.33 l/ha	-	-	-
All edible & non-edible crops (destruction before planting/sowing)	3.33 l/ha	3.33 l/ha	-	5 days before drilling/planting
Apple & pear orchards	3.33 l/ha	3.33 l/ha	-	After harvest (post leaf fall) but before green cluster stage
Cherry & plum orchards	3.33 l/ha	3.33 l/ha	-	After harvest (post leaf fall) but before white bud stage
Green cover on land not being used for crop production (set aside)	4.0 l/ha	4.0 l/ha	-	24 hours before cultivating
Forest nursery, forest: - Weed control	6.67 l/ha	-	-	-
- Chemical thinning (by injection)	1.33 ml per cut per 10cm diameter.			
- Stump application	133 ml/litre			
Mini weed wiper Other weed wipers	Max conc. 1:3.0 dilution with water Max conc. 1:1.5 dilution with water			-

Label weeds	- Common couch, perennial BLWs, perennial grasses, annual grasses, annual BLWs. - Volunteer potatoes (autumn only), volunteer cereals. - Common ragwort, various rushes, white clover, yellow rattle, bracken, beech & birch, brambles. 2.0 l/ha: Annual meadow grass, common chickweed, common mouse-ear, seedling docks, Italian ryegrass, mayweed species, meadow fescue, meadow foxtail, rough meadow grass, speedwell species, timothy. 2.67 l/ha: Black bent, broad-leaved dock, cock's foot, common bent, common couch, creeping bent, creeping soft-grass, curled dock, perennial ryegrass, plantains, soft brome, Yorkshire fog. 3.33 l/ha: Bracken (at full frond expansion), common sorrel, common nettle, creeping buttercup (at full flowering stage), creeping thistle, daisy, dwarf thistle, perennial sowthistle, red clover, sedges, sheep's sorrel, soft rush, spear thistle, tufted hairgrass, yarrow. 4.0 l/ha: Common ragwort, hard rush, heath rush, jointed rush, Molinia, nardus, red fescue, white clover (cut in June & sprayed a month later), yellow rattle, sheep's fescue.
Time of application	- Apply during mild weather, ideally early in the morning provided the foliage is dry. - DO NOT apply in late afternoon/early evening, or during periods of hot, dry weather
Wash-out procedure	Wash out sprayer, filters and all pipework thoroughly with water and detergent cleaner.
Agronomy Solutions	RATTLER 2.67 l/ha Pre-harvest weed control in wheat, barley, oats, OSR, linseed, mustard, combining peas, field beans. RATTLER 1.33 l/ha – 2.67 l/ha Annual weeds in stubbles incl. crop volunteers post-harvest. Use the higher rates for grasses, large brassicas and perennial weeds. RATTLER 1.0 l/ha Pre-emergence application, typically in mix with residual herbicides applied within 48 hours of drilling. Ensure seeds are adequately covered with soil before application.

Water Volume	Minimum water (at full dose)	Recommended water (label)
	80-120 l/ha	200-250 l/ha
Other Useful Information	For hand-held application and weed wiper use, the addition of a water-based dye can help identify coverage/contact areas and already-treated weeds.	
Best Use Advice	Weeds must be actively growing to be susceptible. Ensure good coverage and adequate penetration, particularly important in certain scenarios: • grassland destruction – recommend minimum 200 l/ha • oilseed rape (pre-harvest) – recommend minimum 200 l/ha with coverage required on greener tissues in the lower canopy • small grass weeds in stubbles – recommend 100 l/ha with fine-medium droplet size Be mindful of drift from glyphosate applications – ensure DRT nozzles (drift reducing technology) are used to minimise movement of spray off-target. Water conditioners may be beneficial where hard water is used for spraying – add to tank and mix thoroughly to condition water before adding any glyphosate products (follow manufacturers' product-specific mixing guidelines and rates of use). Hand-held applicators must be calibrated prior to use and operators must be suitably trained and qualified in the safe application of pesticides (e.g. PA1 and PA6 certification). • 100ml in 10 litres water treats 500m² (equivalent to 2.0 litres RATTLER per ha) • 130ml in 10 litres water treats 500m² (equivalent to 2.67 litres RATTLER per ha) • 170ml in 10 litres water treats 500m² (equivalent to 3.33 litres RATTLER per ha)	
Tank Mix	See www.nufarm.com/uk for supported tank mix list	
Following Crop Information	Ideally, treated crops and weeds should not be disturbed until symptoms of treatment become visible, which can take 7-10 days or longer, depending on speed of growth. Upon soil adsorption the herbicidal properties of glyphosate are lost, permitting the drilling of crops a minimum of 48 hours after application, although occasionally a slight check to crop growth may still occur. Trees and shrubs may be planted after 7 days. Grass seed may be sown after 5 days Stock should be kept out of treated areas for at least 7 days after application to allow the herbicide to translocate efficiently and become fully effective.	

Use plant protection products safely. Always read the label and product information before use.

For label and safety information, please refer to the Nufarm website: www.nufarm.com/uk