

Glyphosate Moonshine® 970

Unique to 4Farmers

Active constituent	Glyphosate acid 970g/kg		Formulation WP
Typical situations	Broadacre fallow, pre-sowing, pasture renovation and topping (see registration section).		
Chemical group	9 (M)		
Mode of action	Foliar uptake, readily translocated—inhibits amino acid synthesis and disrupts plant metabolism.		
Typical pack size	15kg, 500kg		
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 1 day post application (for efficacy).		
Plant back	1 day (allow suitable time for efficacy).		
Application method	Boom spray 50–70L/ha or more, aerially N/A.		Rain fastness 2 hrs
Efficacy	Apply to young actively growing weeds in moderate temperatures (15°C–25°C) with good light for several hours post-application. Lower water rates and smaller droplet size also enhances efficacy. Do not use in plant moisture stressed conditions.		
Adjuvants	Ammonium sulphate at 2% to protect the acid from hard water (with soft water 1% is adequate) and oils for summer spraying. 4Farmers Glyphosate Moonshine contains no wetting agent, therefore a non-ionic surfactant is required to ensure efficacy.		
Compatibility	2, 4-D Ester, Dicamba, Carfentrazone, Oxyfluorfen, SU Herbicides, Triazines, ureas and insecticides.		
Incompatibility	Copper and zinc sulphate, Paraquat, Diquat and Brown Out (SpraySeed®).		
Water quality	Muddy, hard, alkaline, or organically contaminated water can greatly reduce efficacy.		
Time to effects and symptoms	1–3 weeks—chlorosis followed by plant death (cold, cloudy weather slows process).		
4F Broadacre registrations	Pre-cultivation and sowing, fallow, and pasture (extract listed).		
4F Other registrations	Commercial, industrial, domestic, and public service areas and others (see label).		
Similar product registrations	Like 4F's Tech-in-the-Tank, registered by 4F in October 2022.		
Situation	Target Weed/s	Rate/ha	Comments
Prior to crop/fallow	Amsinckia, annual phalaris, annual ryegrass, barley grass, brome grass, capeweed, calomba daisy, doublegee, dock, erodium, flatweed, fumitory, Paterson's Curse, perennial phalaris, silver grass, skeleton weed, sorrel, soursob, sub clover, thistles, volunteer cereals, volunteer lupins, wild mustard, wild oats, wild radish, wild turnip, winter grass	180g–1.1 kg (see label for individual weeds)	Lower rates for well disturbed soil, higher rates for low disturbance practices. For heavy infestations use lower volume nozzles and increase water rates to maximise canopy penetration. Add 200ml of Wetter 1000 per 100L of solution. Apply to actively growing weeds; insure 60–80mm growth.
Pasture topping	Annual ryegrass, barley grass, brome grass, capeweed, calomba daisy, silver grass	110g–170g	Allow 6–8cm of growth. Don't apply to medics and clovers intended for seed/hay. Reduction in legume pastures may occur.
Comments			
<ul style="list-style-type: none"> The glyphosate wettable powder acid must be added after adding 2% Ammonium sulphate to a tank filled 70%. Do not disturb soil for 1 day to ensure absorption (7 days perennials). Use with 'spike' for increased and prolonged effectiveness. Use lower water rates when applying Glyphosate alone and increase water rates when tank mixing. Note: See Equivalent Product Rate Calculator in Appendix to assist with converting between Glyphosate 450, 470, 510, 540 and 875 application rates. 			