



**AGRISOURCE**  
PRODUCTS FOR AGRICULTURE

**WARNING**  
KEEP OUT OF THE  
REACH OF CHILDREN

**ECOTOXIC**

# GLYFO SUPER 510

**A non selective water soluble herbicide for control of most annual  
and perennial grasses and broadleaf weeds**

**NON-RESIDUAL HERBICIDE**

*Contains 510g/litre of glyphosate as the Isopropylamine salt in the form of a soluble concentrate*

GROUP

**G**

HERBICIDE

CAS No 1071-83-6

**DISTRIBUTED BY**

Agrisource (2000) Ltd

45 Kitchener Road, Pukekohe 2120

09 237 0422 · [www.agrisource.co.nz](http://www.agrisource.co.nz)

DOM:

BATCH NO:



**NET CONTENTS**  
**20 Litres**

# READ LABEL COMPLETELY BEFORE USE

HSNO CLASSIFICATIONS: 9.1B



## WARNING

May be harmful if swallowed, inhaled or absorbed through the skin. May cause eye and mild skin irritation. Avoid skin and eye contact or inhalation.

## ECOTOXIC

Toxic to aquatic organisms, avoid contamination of any water supply with product or empty container.

## HANDLING PRECAUTIONS

### PERSONAL PROTECTION

When mixing or applying, avoid contact with skin and eyes. Wear full protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

### EQUIPMENT

Apply using accurately calibrated and maintained equipment in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS8409). Flush spray equipment thoroughly with water after use.

### STORAGE

Store in original container tightly closed and in a locked, dry, cool, well ventilated area away from fertilisers, feed, seeds and foodstuffs. Keep out of reach of children. Store in accordance with NZ 8409 Management of Agrichemicals.

### SPILLAGE

Move non-essential people from the area. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Sweep up solids without creating dust. Wash area with water and absorb with further inert material. Dispose of waste safely (such as to a suitable landfill).

### PRODUCT DISPOSAL

Dispose of unwanted product by using strictly in accordance with label directions. If this is not possible contact supplier for advice.

### CONTAINER DISPOSAL

Triple rinse container and add rinsate to spray tank. Dispose of cleaned container at your local AGRECOVERY container collection site.

### SAFETY DATA SHEET

Additional information is provided in the SDS available from your supplier.

## FIRST AID

If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 Poison (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If concentrate is splashed in the eyes, flush with running water immediately.

**24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)**

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# GENERAL INFORMATION

GLYFO SUPER 510 is a non-selective herbicide. It is absorbed by plant foliage and greenstems and is translocated through the plant from point of contact into the root system. The effects of GLYFO SUPER 510 may not be apparent for 4-7 days depending on weather conditions, weed species and herbicide use rates. Some perennial weeds may not show effects for 10-20 days.

## IMPORTANT - RESISTANCE MANAGEMENT

GLYFO SUPER 510 contains the 

GROUP	G	HERBICIDE
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 Glyphosate. Resistance to pesticides can develop from excessive use. To minimise this risk, avoid using this herbicide exclusively all season, avoid unnecessary spraying and endeavour to alternate with herbicides from other groups within the crop and in subsequent seasons for a sprayed paddock. Use strictly in accordance with label instructions. Maintain good cultural practices.

## IMPORTANT

GLYFO SUPER 510 should only be stored and applied in plastic or plastic lined containers, aluminium, brass, copper, stainless steel or fibreglass containers. The contact of GLYFO SUPER 510 with unlined or galvanised steel may cause a highly flammable gas to form causing an explosion if ignited by an open flame etc.

## MIXING & COMPATIBILITY

Half fill the spray tank with clean water, add the required amount of GLYFO SUPER 510 then fill with clean water. Add surfactant last and agitate well before spraying. Before use make sure spray tanks are free of any previous chemicals by using a suitable tank cleaning agent. GLYFO SUPER 510 is compatible with most commonly used herbicides, add GLYFO SUPER 510 after other water soluble products but before flowables.

## APPLICATION

**AERIAL SPRAYING:** GLYFO SUPER 510 may be aerially applied in pasture or fallow situations prior to establishment of field crops or new pasture. Apply with a water rate of 15-80L/ha. Increased spray volumes should be used in difficult situations such as mountainous areas and hilly terrains to ensure adequate crop coverage. DO NOT use in intensive horticultural areas.

**BOOM SPRAYING:** Use a water rate of 25-120L/ha and ensure a double overlap of nozzle patterns at the top of the weed canopy.

**RAINFALL:** Rainfall within 2 hours of application may reduce the effectiveness of GLYFO SUPER 510. This rainfast period can be reduced to 30 minutes with the addition of an Organosilicone penetrant. Applying to wet foliage will also increase the time required for rainfastness.

**HOT CONDITIONS:** It is recommended that when temperatures reach 24-26 °C, increase water volume to at least 30-50L/ha and increase droplet size to at least 300 micron VMD. Aerial application is not recommended at temperatures above 32 °C.

**EQUIPMENT CLEANING:** Take care with regard to the washing of spray equipment after each day of spraying. Spray tanks, pumps, lines and nozzles should be thoroughly rinsed with clean water following application to prevent corrosion. Aircraft should be thoroughly washed, especially landing gear after each day of spraying.

## RECOMMENDED USES

See **APPLICATION RATE CHART** for rates and timing.

**AGRICULTURAL AREAS:** Used to control a wide range of annual and perennial weeds prior to sowing crops or pastures.

**ASPARAGUS:** May be used to control weeds prior to planting or crop emergence and in established plantings provided herbicide contact with any part of the asparagus plant is avoided through the use of shielding or weed wiping equipment.

**AQUATIC AREAS:** May be used in drains and waterways.

**BROAD-ACRE CROPS:** Used to control a wide range of weeds prior to cultivation of barley, oats, peas, and wheat. For best results do not disturb sprayed weeds by cultivation for 3 days after spraying for annual weeds and 7 days for perennial weeds.

**BRUSHWEEDS:** A wide range of brushweeds are controlled by this product. Always use an Organosilicone penetrant when treating brushweeds.

**FORESTRY:** May be used to control a wide range of brushweeds and grasses.

**GENERAL WEED CONTROL:** Used in a wide range of situations to control weeds. Use 1 litre in 100 litres of clean water and ensure the foliage is well covered.

**MARKET GARDENS:** May be applied to control weeds before or after seeding, but prior to crop emergence.

**NON-AGRICULTURAL AREAS:** General weed control as per application rate chart.

**ORCHARDS:** May be used for weed control in apple, pear, citrus, grape, stone and berryfruit growing provided any herbicide contact with the trees is avoided.

**PASTURE:** Used as a spot application to control a wide range of weeds. Existing pasture may be treated with this product prior to the sowing of new pasture or crops.

**OTHER USES:** May be used as a spot application to control weeds in lawns, parks, reserves and ornamentals.

## WITHHOLDING PERIOD

There is no withholding period for GLYFO SUPER 510 however, poisonous plants, such as ragwort, may become more palatable to stock after spraying, livestock should be kept away until plants have died down. Avoid grazing annual weeds after spraying for 1 day or 3 days for perennial weeds. This will allow GLYFO SUPER 510 to penetrate the weeds for maximum effectiveness.

## SPRAY DRIFT WARNING

**BEWARE:** Apply this product carefully as spray drift may cause serious damage to other desirable plants. Do not apply under weather or spraying conditions which would be expected to cause spray drift onto nearby crops and susceptible plants.

## CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

## REGISTRANT

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See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

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See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

## DISTRIBUTOR

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# APPLICATION RATE CHART

Weed	Application Rates			Comments
	Broadcast L/ha	Handgun ml/100L	Knapsack ml/15L	
Annual Weeds	700ml – 1.4L	140ml	20ml	Apply at the higher rate for larger weeds. May be tank mixed with Simazine for longer term control. Do not spray plants stressed due to low moisture levels, frost, waterlogged or covered with dust.
Australian Sedge	4.2L	700ml	110ml	Apply to actively growing weeds only, usually November to March. For aerial application increase the rate to 6.3L/ha. Dense growth should be burnt 12-18 months prior to application.
Barberry	-	700ml	110ml	Apply from flowering to late fruit stage, usually January to April. If bushes have been cut, regrowth should reach 1.5 metres before spraying.
Barley Grass	700ml	140ml	20ml	Apply to actively growing weeds only.
Blackberry	6.3–14L	700ml – 1.1L	110 – 140ml	Should be applied between January - May i.e. from flowering to leaf fall. See that the plants are not under stress. Use of CDA equipment is not recommended. Complete spraying of foliage cover is essential for total control. Use the higher rate on old, dense infestations over 1.75m high.
Boxthorn	-	700ml	110ml	Do not spray in dry conditions. Complete spraying of the foliage is essential for total control. Use of CDA equipment is not recommended.
Bracken	6.3L	700ml	160ml	Bracken should be slashed in the winter or early spring. Then prior to frosts, apply in March-May to actively growing fronds. It may be necessary to repeat treatment in conjunction with pasture improvement for permanent control. Add an Organosilicone penetrant at 250ml per 100L of spray to achieve good control.
Broom	6.3L	700ml	110ml	Best results are obtained when plant is full leaf (Late spring to early summer). Add an Organosilicone penetrant at 250ml per 100L (aerial application), 200ml/100L (hand gun), and 20ml/15L (knapsack) to achieve good control.
Browntop	2.1L	500ml	70ml	Apply at early head stage to actively growing plants.
Buddleia	6.3L	700ml	110ml	Apply to actively growing plants. Spray before the seedheads have formed (late spring to early summer) for best results.
Californian Thistles	2.8L	700ml	110ml	Apply to actively growing plants after development of flower buds.
Couch	4.2L	700ml	110ml	Apply to actively growing plants at early seedhead stage.
Dock	2.8 – 6.3L	700ml	110ml	Use the higher rate on larger plants. Apply to actively growing plants in full leaf. Dicamba 20%ai can be added at labels rates to improve control.
Floating sweet grass & Reed sweet grass.	6.3L	700ml	140ml	Apply to actively growing plants late summer (Feb-March) and before the onset of frosts. Not more than one quarter of the plant should be submerged at the time of treatment.

# APPLICATION RATE CHART cont...

Weed	Application Rates			Comments
	Broadcast L/ha	Handgun ml/100L	Knapsack ml/15L	
Gorse	-	700ml	-	Handgun application only. Use an Organosilicone penetrant at 200ml/100L or poor results will occur. Spray plant to ensure complete coverage. Apply at any time of year. Re-treat as required as regrowth may occur after 12 months.
Indian doab	6.3L	700ml	110ml	Apply to actively growing plants at early seedhead stage.
Johnson grass	4.2L	700ml	110ml	Apply at early seedhead stage to actively growing plants.
Kikuyu	4.2L	700ml	110ml	Apply to actively growing plants.
Mercer grass				
- aquatic	6.3L	1.1L	110ml	No more than one quarter of the plant should be submerged at the time of treatment. Apply to actively growing plants in late summer. (Feb-March)
- non-aquatic	4.2L	700ml	75ml	
Old Man's Beard	-	700ml-1.4L	200ml	Use the higher rate on plants with stem diameters greater than 1cm. If it is not possible to obtain complete coverage, cut the plant in winter and spray when the plant is over 0.5m long, use the higher rate. Apply November to March.
Pampas grass/Toetoe	-	700ml	110ml	Apply Spring to Autumn. Ensure complete coverage of the foliage. Do not spray while the plant is flowering.
Paspalum	4.2L	700ml	110ml	Apply to Paspalum at early head stage. Apply to actively growing plants.
Prairie grass	700ml-1.4L	140ml	20ml	Apply to actively growing plants at seedhead stage.
Ragwort	4.2L	700ml	110ml	Apply to actively growing plants with sufficient leaf area for herbicide uptake. Keep stock out until the plants brownout.
Ring Fern	700ml-2.1L	210ml	35ml	The higher rate should normally be used for control. Use 700ml-1.4L/ha only for pasture manipulation, increasing the rate to 2.1L/ha for dense infestations.
Ratstail	3.5L	-	-	Apply to actively growing plants at seedhead stage.
Rautahi (Cutty grass) & Rushes	4.2L	700ml	110ml	Apply to actively growing plants, usually January to March.
Ryegrass	1.1-2.1L	350ml	50ml	Use an Organosilicone penetrant at 100ml/100L or poor results will occur. Apply when the plants are actively growing. Use the lower rate from January to July before cultivation and the higher rate from August to December.
Tall fesue	4.2L	700ml	110ml	Apply to actively growing plants usually January to March.
Willow	6.3L	700ml	-	Apply to actively growing plants and spray to ensure the foliage is well covered.