

## WARNING

## **KEEP OUT OF REACH OF CHILDREN**

## **READ SAFETY DIRECTIONS BEFORE OPENING OR USING**



# **GLYPHOSATE 450 Herbicide**

ACTIVE CONSTITUENT: 450g/L GLYPHOSATE present as the isopropylamine salt

GROUP M HERBICIDE

## A non-selective foliar herbicide for the control of a wide range of annual and perennial grasses and broadleaved weeds as per the Directions for Use Table.

NET 20 /120 / 200 / 1000 Litres

## **4FARMERS PTY LTD**

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This information is adapted from the 4Farmers Glyphosate 450 label. Please consult the label on the pack before use.



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## DIRECTIONS FOR USE

#### **GENERAL INSTRUCTIONS**

4Farmers Glyphosate 450 is a nonvolatile, non-selective water-soluble herbicide that is absorbed by plant foliage and green stems and is translocated through the plant from point of contact and into the root system. The effects of the herbicide may not be visible for 3-7 days for annual weeds or 2-3 weeks for perennial weeds depending on water quality, weather conditions, weed species and rate used.

4Farmers Glyphosate 450 will control emerged weeds only and does not provide residual weed control.

Ideally, weeds should be healthy and actively growing and, to obtain optimum results, should not have been recently sprayed with another herbicide.

4Farmers Glyphosate 450 can be deactivated by soil particles and hard water containing calcium salts. Use only clean, fresh water for making up spray solutions, preferably rainwater or local authority water.

**DO NOT** apply 4Farmers Glyphosate 450 to wet plants or if heavy rainfall is expected within 6 hours. Avoid spraying at night if rain is expected the next morning.

4Farmers Glyphosate 450 is recommended for control of emerged weeds prior to crop establishment as part of a conservation tillage operation.

With heavy weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a satisfactory seedbed.

#### **RESISTANT WEEDS WARNING**

4Farmers Glyphosate 450 is a member of the glycine group of herbicides. 4Farmers Glyphosate 450 has the inhibitor of EPSP



synthase mode of action. For weed resistance management 4Farmers Glyphosate 450 is a group "M" herbicide.

Some naturally occurring weed biotypes resistant to 4Farmers Glyphosate 450 and other inhibitors of EPSP synthase herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by 4Farmers Glyphosate 450 or other inhibitors of EPSP synthase herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, 4Farmers accepts no liability for any losses that may result from the failure of 4Farmers Glyphosate 450 to control resistant weeds.

**DO NOT** however assume resistance without first reviewing the method of application, timing, water quality and weather conditions.

#### CROP ESTABLISHMENT

4Farmers Glyphosate 450 is recommended for the control of emerged weeds prior to crop establishment. However, suitable cultivation and/or sowing procedures are required to provide seedbed conditions favourable for crop germination and development.

Early spraying to control young weeds will favour preparation of suitable seedbeds.

On friable soils, where there is only a light cover of young weeds, sowing may proceed 1 day after spraying. However, in situations of heavy weed growth, sowing should be delayed until weed decay and soil conditions allow formation of a suitable seedbed.

Incorporation or trashing of green or decaying vegetation and roots into seedbeds by cultivation/sowing may cause retarded crop emergence especially in cold and/or wet conditions.

Vegetation may be reduced by grazing and weed control may be assisted by cultivation to leave trash on the surface.

Avoid use of pre-emergence herbicides where label directions advise a risk of retarded crop emergence and in marginal seedbed conditions pay particular attention to correct seeding depth.

#### MIXING

4Farmers Glyphosate 450 readily mixes with clean water.

Use only clean, fresh water free from soil particles or calcium/magnesium salts (hard water).

If water is acidic, use a recognised buffering agent.

Spray solution should be used within a maximum of five days to avoid loss of activity.

Ensure the spray tank is free of any residue from previous spray products.

Fill spray tank with half required volume of clean, fresh water and then add measured amount of 4Farmers Glyphosate 450 as per Directions for Use (rate).

Agitate well and fill with balance of water adding surfactant near end of filling with hose below surface to prevent excessive foaming. Remove hose when desired volume is reached to avoid siphoning.

When adding compatible pesticides/additives add these first in a half full tank with agitation and then add 4Farmers Glyphosate 450 with the remaining water volume and, finally, surfactant as above, mixing thoroughly.

**DO NOT** use mechanical agitators as these may cause excessive foaming.

**DO NOT** mix with spraying oils, agricultural chemicals or any other material except as directed on the label.

#### TANK MIXTURES/COMPATIBILITY

4Farmers Glyphosate 450 may be tank mixed with the following pesticides and additives with attention to their labels for specific restraints, withholding periods and directions for use requirements to be observed.

#### Herbicides

**Flowable Atrazine** For knockdown and residual weed control, addition of ammonium sulphate is required to overcome antagonism. (See note below)

**DO NOT** use this tankmix on **BARNYARD GRASS.** 



**DO NOT** apply this mix by aerial application.

**Flowable Simazine:** For knockdown and residual control of annual weeds, addition of ammonium sulphate is required to overcome antagonism. (See note below)

**2,4-D Ester:** For improved control of certain broadleaf weeds, observe regional restrictions.

**Dicamba** (Banvel®1): For improved control of clover, medics and sorrel as per label directions.

**Chlorsulfuron:** For knockdown and residual weed control in fallow/crop. Observe plant back periods as per label.

**Metsulfuron-methyl:** For knockdown weed control in fallows and prior to planting certain winter cereals. Observe crop safety/crop rotation recommendations.

**Oxyfluorfen** (Goal CT®2): Mixture requires a specific compatibility agent, seek advice from labels.

**Note**: Addition of ammonium sulphate at the rate of 2kg/100L spray solution is required to overcome antagonism. This mixture is also useful for improving the performance of 4Farmers Glyphosate 450 under adverse environmental conditions such as cool cloudy weather. Ammonium sulphate may be corrosive to metal parts of the sprayer.

#### Insecticides:

Dimethoate Omethoate Fenitrothion Azinphos-methyl (Gusathion A®3) Phosmet (Imidan®4) Chlorpyrifos Demeton-S-methyl (Metasystox®3)

Other insecticides have not been compatibility tested

#### **APPLICATION INFORMATION**

4Farmers Glyphosate Herbicide is a nonselective, translocated herbicide.

Direct contact, or even drift, may cause severe injury or destruction to any growing crop or other desirable plants including trees.

#### Boom equipment:

Application of this product in low spray volumes (25-100L/ha) is recommended.

Fan nozzle equipment is recommended, using pressures in the range 240-280kPa.

Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

#### **Aerial Equipment:**

Aerial application should only be in pasture or fallow crop situations prior to establishment of field or fodder crops or new pasture and for pre harvest application for sorghum crops.

**DO NOT** use in intensive cropping situations.

Use registered rates up to a maximum of 3.2L/ha and for Micronair and boom equipment apply in a minimum spray volume of at least 15L/ha.

Average droplet size should be 250-350 micron diameter with a swath width of 15-17 metres.

**DO NOT** apply by aircraft in temperatures above 35°C.

#### Application on hilly terrain:

Increase water volume to 30-80L/ha with droplet size to at least 300 micron VMD on hilly terrain.

## Application under hot

#### conditions:

When applying in temperatures above 25°C, increase water volume to at least 30L/ha and droplet size to at least 300 micron VMD.

Avoid conditions that may result in drift such as wind over 8km/h and inversion conditions or equipment producing droplets of 150 micron or less.

#### MAINTENANCE AND CLEANING

Thoroughly flush tanks, pumps and nozzles with clean fresh water after each day's spraying.

## PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

**DO NOT** apply under meteorological conditions or from spraying equipment that



could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, croplands or pastures.

**DO NOT** apply prior to transplanting tomato seedlings.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

**DO NOT** contaminate dams, rivers or streams with the product or used container.

**DO NOT** apply to weeds growing in or over water. **DO NOT** spray across open bodies of water.

#### STORAGE AND DISPOSAL

Store in the closed original container in a well-ventilated area.

Avoid prolonged storage in direct sunlight.

**DO NOT** contaminate seed, feed or foodstuff.

**DO NOT** mix, store or apply this product or spray solutions of this product in galvanised or unlined steel containers or spray tanks, since a highly flammable gas may be formed. Use stainless steel, aluminium, brass, copper, fibreglass, plastic or plastic-lined containers or spray tanks.

Triple rinse empty containers before disposal. Add rinsings to tank mix or dispose of rinsate in a disposal pit. This pit must be away from aquatic areas and in a suitable area specifically marked and set up for the purpose.

**DO NOT** dispose of undiluted chemicals on-site.

Destroy empty containers by breaking, crushing or puncturing them. Dispose of the containers at a local authority landfill that does not burn its refuse.

If there is no local authority landfill readily available in your area, bury the containers at a depth of 500mm or more at a licensed/approved disposal site. In some States, wastes can only be buried at a licensed landfill.

**DO NOT** burn empty containers or product.

## SAFETY DIRECTIONS

Product will irritate eyes and skin.

Avoid contact with eyes and skin.

When preparing product for use wear elbow-length PVC gloves and face shield or goggles.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash contaminated clothing, gloves and face shield or goggles.

When using controlled droplet applicator, wear protective waterproof clothing and impervious footwear.

#### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre.

For further information, please refer to the Material Safety Data Sheet.

#### **CONDITIONS OF SALE**

The use of 4Farmers Glyphosate 450 being beyond the control of the manufacturer, no warranty expressed or implied is given by 4Farmers Pty. Ltd. regarding its suitability, fitness or efficacy for any purpose for which it is used by the buyer, whether in accordance with the directions or not and 4Farmers Pty. Ltd. accepts no responsibility for any consequences whatsoever resulting from the use of this product.



#### NOT CLASSIFIED AS DANGEROUS GOODS FOR TRANSPORT BY ROAD AND RAIL

- 1. Registered trademark of Velsicol Chemical Corp., USA.
- 2. Registered trademark of Rohm and Haas Co., USA
- 3. Registered trademark Bayer, Germany

Registered trademark of Stauffer Chemical Company, USA

#### **CLAIMS FOR USE**

(For detailed Directions for Use Table, see attached booklet)

| SITUATION                            | WEEDS   |
|--------------------------------------|---|
| Crop or Pasture Establishment        | Many annual and perennial grasses and<br>broadleaf weeds as per Directions for<br>Use table in attached booklet |
| Fallow establishment                 |   |
| Pasture topping and renovation       |   |
| Tussock infested pasture             |   |
| Rice (when direct drilling)          |   |
| Sorghum pre and post harvest control | Sorghum (sorghum bicolor)   |
| Sugar cane (Ratoon spray out)        | Sugar cane (Saccharum officinale)   |

## NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.



## **DIRECTIONS FOR USE TABLE:**

## **CONSERVATION TILLAGE**

| CROP/<br>SITUATION  | WEEDS CONTROLLED   | STATE<br>(S)                               | RATE/ha                     | CRITICAL COMMENTS  |
|---|--|--|-----------------------------|--|
| Winter crop<br>or pasture,<br>prior to<br>disturbance<br>by cultivation<br>and/or | Barley grass ( <i>Amaranthus</i><br><i>spp.</i> )<br>Brome grass<br>( <i>Bromus spp</i> )<br>Capeweed<br><i>Arctotheca calendula</i> )<br>Doublegee<br>( <i>Emex australis</i> )<br>Volunteer cereals<br>Wild oats<br>( <i>Avena spp</i> )   | Southern<br>WA<br>SA<br>VIC<br>NSW<br>ONLY | 400-800mL<br>+<br>800mL –1L | Apply to actively growing weeds at least 6-<br>8 cm high. Apply pre-tillering (low rate)<br>and again post tillering (high rate).<br>Use higher rates if heavily grazed or late in<br>the season or under cold/overcast<br>conditions or when doublegee or<br>capeweed are more than 8 cm diameter.  |
| Sowing with<br>tyned<br>equipment.  | Annual phalaris ( <i>Phalaris</i><br><i>spp</i> )<br>Annual ryegrass<br><i>Lolium rigidum</i> )<br>Dock (seeding)<br>(Rumex <i>spp</i> )<br>Silver grass<br>( <i>Vulpia spp</i> )<br>Winter grass<br>( <i>Poa annua</i> )  |  | 800mL –1L<br>+<br>1 - 1.2L  | If not cultivated or sown within 21 days, re-<br>treatment may be necessary, but do not<br>sow until a satisfactory seedbed is<br>established. (Refer to "Crop<br>Establishment" under General<br>Instructions).   |
|   | Amsinckia<br>( <i>Amsinckia spp</i> )<br>Fumitory ( <i>Fumaria spp</i> )<br>Paterson's curse ( <i>Echium plantagineum</i> )<br>Saffron thistle ( <i>Carthamus lanatus</i> )<br>Scotch thistle ( <i>Onopordum acanthium</i> )<br>Spear thistle ( <i>Onopordum acanthium</i> )<br>Spear thistle<br>( <i>Cirsium vulgare</i> )<br>Variegated Thistle<br>( <i>Silybum marianum</i> )<br>Volunteer lupins<br>Wild turnip ( <i>Brassica tournefortii</i> ) |  |                             | Apply to actively growing weeds at least 6-<br>8 cm high. Apply pre-tillering (low rate)<br>and again post tillering (high rate).<br>Use high rate if these weeds are more than<br>12-cm diameter.<br>If not cultivated or sown within 21 days, re-<br>treatment may be necessary, but do not<br>sow until a satisfactory seedbed is<br>established. (Refer to "Crop<br>Establishment" under General<br>Instructions). |
|   |  | TAS<br>ONLY                                | 1.2 – 2.4L                  |  |



| CROP/<br>SITUATION                                  | WEEDS CONTROLLED   | STATE<br>(S)                               | RATE/ha                | CRITICAL COMMENTS  |
|---|--|--|------------------------|--|
| As above  | Seasonal suppression of<br>Perennial Phalaris<br>Skeleton weed ( <i>Chondrilla</i><br><i>juncea</i> )-<br>fully emerged rosettes<br>(NSW only)<br>Sorrel<br>( <i>Rumex acetosella</i> )<br>Soursob<br>( <i>Oxalis pes-caprae</i> )<br>Sub-clover ( <i>Trifolium</i><br><i>subterraneum</i> ) | Southern<br>WA<br>SA<br>VIC<br>NSW<br>ONLY | 1.2L                   |  |
| Fallow or<br>prior to<br>sowing as a<br>summer crop |  | TAS<br>ONLY                                | 1.2 – 2.4L             | In Tasmania, use low rate on annual weeds and high rate on perennials.   |
| Late<br>winter/spring<br>treatment                  | Barley grass<br>(Hordeum leporinum)<br>Volunteer cereals<br>Wild oats ( <i>Avena spp</i> )   | Southern<br>WA<br>SA<br>VIC                | 800mL –1.2L            | Apply to actively growing weeds at least 6-<br>8 cm high. Apply pre-tillering (low rate)<br>and again post-tillering (high rate)   |
|   | Hoary cress<br>( <i>Cardaria draba</i> )<br>Soursob<br>( <i>Oxalis pes-caprae</i> )  | NSW<br>ONLY                                | 1.2L                   | Use higher rates if heavily grazed or late in<br>the season or under cold/overcast<br>conditions or when capeweed is more than<br>8cm diameter.<br>If not cultivated or sown within 21 days, re-<br>treatment may be necessary, but do not<br>sow until a satisfactory seedbed is<br>established. Refer to "Crop Establishment"<br>under General Instructions). Apply late<br>rosette to early flower. Apply at tuber<br>exhaustion. Add wetter. |
|   | Annual ryegrass<br>(Lolium rigidum)<br>Broome grass<br>(Bromus spp)<br>Capeweed (Arctotheca<br>calendula)<br>Paterson's curse (rosette)<br>(Echium plantagineum)<br>Saffron thistle (Carthamus<br>lanatus)<br>Scotch thistle   | Southern<br>WA<br>SA<br>VIC<br>NSW<br>ONLY | 1.2 – 1.6L<br>As above |  |
| As above  | (Onopordum acanthium)<br>Silver grass (Vulpia spp)<br>Spear thistle<br>(Cirsium vulgare)<br>Wild radish (Raphanus<br>raphanistrum)<br>Wild mustard<br>(Sisymbrium officinale)  | As above                                   |                        |  |



| CROP/<br>SITUATION   | WEEDS CONTROLLED  | STATE<br>(S)                   | RATE/ha         | CRITICAL COMMENTS                          |                 |              |   |
|--|---|--------------------------------|-----------------|--|-----------------|--------------|---|
|  | Wild turnip<br>( <i>Brassica tournefortii</i> )   |                                |                 |  |                 |              |   |
| Fallow or<br>prior to<br>sowing winter<br>or summer<br>crops | Annual Phalaris ( <i>Phalaris</i><br><i>spp</i> )<br>Barley grass<br>( <i>Hordeum leporinum</i> )<br>Volunteer cereals<br>Wild oats ( <i>Avena spp</i> )<br>Amaranth ( <i>Amaranthus</i><br><i>spp</i> )<br>Australian bluebell | QLD<br>Northern<br>NSW<br>ONLY | Northern<br>NSW | Northern<br>NSW                            | Northern<br>NSW | 400 – 800 mL | Apply to actively growing weeds at least 6<br>8 cm high. Note that barnyard and<br>liverseed grasses are particularly prone to<br>moisture stress. Use high rate on more<br>advanced weeds, eg when grasses are<br>fully tillered, and broad leaf weeds reach<br>stem elongation or budding. At that stage<br>the addition of 2,4-D Ester at<br>recommended rates may be preferred. |
|  | ( <i>Wahlenbergia stricta</i> )-<br>(QLD only)  |                                |                 |  |                 |              |   |
|  | Barnyard grass<br>( <i>Echinochloa spp</i> )<br>Cudweed ( <i>Gnaphalium</i>   |                                |                 |  |                 |              |   |
| Fallow or  | spp)<br>Fumitory (fumaria spp)  |                                |                 |  |                 |              |   |
| prior to<br>sowing winter<br>or summer<br>crops              | Liverseed grass (Urochloa panicoides)   |                                |                 |  |                 |              |   |
|  | Mexican poppy<br>( <i>Argemone mexicana</i> )   |                                |                 |  |                 |              |   |
|  | Mint weed ( <i>Salvia reflexa</i> )<br>New Zealand spinach<br>( <i>Tetragonia tetragonoides</i> )   |                                |                 |  |                 |              |   |
|  | Noogoora burr ( <i>Xanthium</i> pungens)  |                                |                 |  |                 |              |   |
|  | Saffron thistle ( <i>Carthamus lanatus</i> )  |                                |                 |  |                 |              |   |
|  | Spear thistle ( <i>Cirsium vulgare</i> )  |                                |                 |  |                 |              |   |
|  | Spurge ( <i>Euphorbia spp)</i><br>Stinkgrass (Lovegrass)<br><i>Eragrostis cilianensis</i> )   |                                |                 |  |                 |              |   |
|  | Stinking goosefoot<br>( <i>Chenopodium vulvaria</i> )   |                                |                 |  |                 |              |   |
|  | Sweet summer grass<br>Variegated thistle<br>( <i>Silybum marianum</i> )<br>Volunteer sorghum  |                                |                 |  |                 |              |   |
|  | Volunteer sunflower<br>Yellow vine (Caltrop)<br>( <i>Tribulus terrestris</i> )  |                                |                 |  |                 |              |   |
| Fallow or<br>prior to<br>sowing winter<br>or summer          | Annual ground cherry<br>(Gooseberry)<br>( <i>Physalis angulata</i> )<br>Bladder ketmia  |                                |                 | Apply prior to stem elongation or budding. |                 |              |   |
| crops  | (Hibiscus trionum)  |                                |                 |  |                 |              |   |



| CROP/<br>SITUATION   | WEEDS CONTROLLED  | STATE<br>(S)                   | RATE/ha      | CRITICAL COMMENTS  |
|--|---|--------------------------------|--------------|--|
|  | ( <i>Hibiscus trionum</i> )<br>Camel melon<br>( <i>Citrullus lanatus</i> )  |                                |              |  |
| Fallow or<br>prior to<br>sowing winter<br>or summer<br>crops | Sowthistle (Milk thistle)<br>( <i>Sonchus oleraceus</i> )<br>Turnip weed<br>( <i>Rapistrum rugosum</i> )<br>Wild lettuce<br>( <i>lactuca saligna</i> )<br>Wild Turnip<br>( <i>Brassica tournefortii</i> ) | QLD<br>Northern<br>NSW<br>ONLY | 400 – 800 mL | As Above   |
|  | Boggabri weed<br>(Amaranthus<br>macrocarpus,<br>A. mitchellii)<br>Indian hedge mustard<br>(Sisymbrium orientale)<br>African turnip<br>(Sisymbrium thellungii)<br>Native millet (panicum<br>decompositum)  |                                | 400- 800mL   | Apply to actively growing weeds up to 5<br>true leaves or 3 cm in diameter or height   |
|  | Suppression of;<br>Black bindweed<br>( <i>Polygonum convolvulus</i> )<br>Wireweed<br>( <i>Polygonum aviculare</i> )   |                                | 800mL –1.2L  | Apply to weeds with more than 5 true<br>leaves or larger than 3 cm in diameter or<br>height.   |
| Pasture<br>manipulation                                      | Carpet grass<br>( <i>Axonopus spp</i> )<br>Kikuyu<br>( <i>Pennisetum</i><br><i>clandestinum</i> )<br>Paspalum<br>( <i>Paspalum dilatatum</i> )  | QLD<br>NSW VIC<br>WA<br>ONLY   | 1.1-4.8L     | Use for suppression or control of these<br>grasses to drilling forage species or<br>soybeans. Higher rates give greater<br>control.  |
| Pasture<br>Renovation<br>Poa tussock<br>infestations.        | Most annual weeds and<br>suppression of Poa<br>( <i>Poa labillardieri</i> )   | QLD<br>NSW VIC<br>TAS<br>ONLY  | 2.4 – 3.2L   | Graze heavily then allow 14 days for strong<br>regrowth. Apply after the autumn break,<br>but before heavy frosts –March to May.<br>Higher rates give greater control. Sowing<br>may commence 14 days after treatment.<br>Ensure proper follow up pasture<br>establishment and management after<br>treatment.              |
| Pasture<br>topping   | Annual ryegrass<br>( <i>Lolium rigidum</i> )<br>Barley grass<br>( <i>Hordeum leporinum</i> )<br>Broome grass<br>( <i>Bromus spp</i> )<br>Capeweed<br>( <i>Arctotheca calendula</i> )                      | NSW VIC<br>SA WAS<br>ONLY      | 240 – 360 mL | Use higher rate for severe infestation and<br>for annual ryegrass. Apply to capeweed<br>and annual ryegrass at flowering. Apply to<br>other grasses from head to milky dough<br>stage, before signs of haying-off. Use<br>50/ha water, or less. If using more water<br>add a non-ionic surfactant at<br>recommended rates. |



| CROP/<br>SITUATION  | WEEDS CONTROLLED  | STATE<br>(S)       | RATE/ha      | CRITICAL COMMENTS  |
|---|---|--------------------|--------------|--|
|   | Silver grass (Vulpia spp)   |                    |              |  |
| Pasture –<br>Bent grass<br>infestations                                   | Most annual weeds<br>Bent grass<br>( <i>Agrostis capillaris</i> )   | VIC TAS<br>ONLY    | 2L           | Remove stock to ensure strong leaf growth.<br>Apply to actively growing weeds with some<br>seed head development, in late spring.<br>Disturb 10-21 days after treatment with<br>tyned equipment follow with a summer<br>crop, then re-seed pasture or crop next<br>autumn  |
| Rice – direct<br>drill  | Annual phalaris<br>(Canary grass)<br>Annual ryegrass<br>( <i>Lolium rigidum</i> )<br>Barley grass<br>( <i>Hordeum leporinum</i> )<br>Burr media<br>( <i>Medicago spp</i> )<br>Sub-clover<br>( <i>Trifolium subterraneum</i> )<br>Winter grass<br>( <i>poa annua</i> ) | NSW<br>ONLY        | 800mL – 2.4L | Apply to actively growing weeds and at<br>least 6-8 cm high. Use high rate for<br>severe infestations of ryegrass and add<br>wetter. Direct drilling may commence 1-14<br>days after treatment. For residual weed<br>control, permanent water and selective<br>herbicide treatments will be required.                            |
| Sorghum<br>(NOT seed<br>varieties or<br>those<br>sensitive to<br>lodging) | Grain sorghum (Sorghum<br>bicolor) – pre harvest  | QLD<br>NSW<br>ONLY | 1.2 – 1.6L   | Use high rate for ratoon regrowth.   |
| Sorghum<br>stubble  | Sorghum stubble – post<br>harvest   |                    | 800mL – 1.6L | Use this rate for regrowth from slashed stubble and for fresh spring regrowth.   |
|   |   |                    | 1.2 – 1.6L   | Use this rate for standing stubble if sufficiently green   |
| Sugar Cane  | Ratoon control  | QLD<br>NSW<br>ONLY | 3.2 – 7.2L   | Apply to actively growing ratoons 60-100<br>cm high. Use low rate for suppression or<br>where cultivation will follow. Use higher<br>rate for control. Apply with properly<br>calibrated boom spray at correct height to<br>allow overlap of spray pattern at top of<br>crop canopy. DO NOT apply if plants are<br>under stress. |