

**CAUTION**  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# Imazethapyr 700 WG

## HERBICIDE

ACTIVE CONSTITUENT: 700 g/kg IMAZETHAPYR

### GROUP B HERBICIDE

For the pre or post emergence control of certain weeds in Centrosema (Cavalcade), Chickpeas, faba beans, field beans, Lucerne, mung beans, peanuts, serradella, soybeans and subterranean clover as specified in the directions for use table.

IMPORTANT: Read this booklet before use

**4 FARMERS AUSTRALIA PTY LTD**  
A.B.N. 51 160 092 428  
1 / 70 McDowell Street, Welshpool, WA 6106  
Tel: (08) 9356 3445 Fax: (08) 9356 3447

Batch Number: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_  
APVMA Approval No: 64702/0310

### GENERAL INSTRUCTIONS:

#### INSECTICIDE RESISTANCE WARNING

This product can be used for either pre or post-emergent weed control depending on the crops and weeds to be controlled.

When the product is applied pre emergence, susceptible weeds may emerge but growth will be retarded and weeds will either die or remain stunted and will not compete with the crop. Adequate soil moisture is important for optimum activity. When applied post-emergence, weeds will either die or remain stunted and will not compete with the crop.

A non-ionic surfactant, or an adjuvant as specified in the DIRECTIONS FOR USE, must be added to 4Farmers Imazethapyr 700 WG Herbicide for post-emergence weed control. The addition of an adjuvant such as Nufarm liase liquid Herbicide adjuvant at a rate of 2L/100L water may assist in post-emergence control of summer growing weeds.

#### MIXING

This product mixes readily with both hard and soft water. Fill the spray tank one half to three quarters full with clean water and then, with the agitator running, add the required amount of this product and then fill the tank with water. When tank mixing this product with other recommended compatible products, first add the other product to the tank and mix thoroughly before adding this product.

#### APPLICATION:

4Farmers Imazethapyr 700 WG Herbicide should not be applied for a minimum of two hours before rainfall or irrigation.

**Ground Application:** Avoid overlaps when spraying. Apply in 50 to 100L/ha water using flat fan nozzles. The product may be applied in a band over the row in row crops. This will assist in minimizing soil residue carryover.

**Aerial Application:** (Pre-emergence only) Avoid overlaps when spraying. Apply in a minimum of 20L/ha water in a minimum swath width of 18m using a droplet VMD of 230 to 280 microns.

Do NOT apply 4Farmers Imazethapyr 700 WG Herbicide under conditions (e.g. dead calm, excessive wind and/or small droplets) likely to cause the spray drift onto wetlands or waterways, natural vegetation, crops other than specified on the label or land to be planted with susceptible crops.

#### EQUIPMENT CLEAN UP

Thoroughly flush all spray equipment with water following the use of 4Farmers Imazethapyr 700 WG Herbicide and before use of other products.

Rinse water should NOT be discharged where it will reach streams, water bodies or natural vegetation.

#### COMPATIBILITY:

4Farmers Imazethapyr 700 WG Herbicide is compatible with alpha-Cypermethrin duo, pendimethalin, Trifluralin, metribuzin, cyanazine, diuron, Glyphosate, Paraquat plus diquat, simazine, Diflufenican, dimethoate and Omethoate.

DO NOT tank mix with selective post-emergence grass herbicides. DO NOT apply these herbicides following use of 4Farmers Imazethapyr 700 WG Herbicide until grasses have resumed active growth.

#### RESISTANT WEEDS WARNING

### GROUP B HERBICIDE

4Farmers Imazethapyr 700 WG Herbicide is a member of the Imidazolinone group of herbicides. This product has the acetolactate synthesis (ALS) mode of action. For weed resistance management the product is a group B Herbicide. Some naturally occurring weed biotypes resistant to this product and other group B herbicides may exist through normal generic 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 this product or other group B herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, 4Farmers Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

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

DO NOT apply under weather conditions or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

DO NOT spray within 50m of wetlands or waterways.

**Crop Safety:** This product may cause slight shortening of plant internodes and in some circumstances lead to crop yellowing but plants soon recover and yield is unaffected. This effect may be more pronounced when the product is used post-emergence or under poor growth conditions.

DO NOT use this product pre-emergence or Collegian and Cressy Blue field pea varieties.

DO NOT use the product post on field pea varieties other than Alma, Dun, Dundale, Early Dun and Wirrega.

DO NOT use pre-emergence on Serradella, seedling lucerne or subterranean clover. DO NOT use post emergence on chickpeas, faba beans or mung beans. Should resowing of chickpeas, faba beans, field beans, lucerne, mung beans peanuts, Serradella, soybeans or subterranean clover be necessary, DO NOT reapply 4Farmers Imazethapyr 700 WG Herbicide.

### DIRECTIONS FOR USE

#### RESTRAINTS

DO NOT apply to very wet soils if rain is imminent or to soils prone to waterlogging.

DO NOT apply to soils of very high organic matter content.

DO NOT apply to crops or weeds under stress caused by factors such as root or foliar diseases, nutrient deficiencies, or extremes of temperature or moisture.

| CROP   | WEEDS CONTROLLED  | STATE                      | RATE PER HA   | CRITICAL COMMENTS  |
|--|---|----------------------------|---|--|
| Pre-emergence Chickpeas  | Deadnettle (Lamium amplexicaule), Indian hedge mustard (Sisymbrium orientale), White ironweed (Buglossoides arvensis), Wireweed (Polygonum aviculare)   | Vic, Sa only               | 45g plus 1.0 To 1.5L Flowable Simazine (500g/L)                                   | Apply to moist, well prepared, clod and weed free soil after planting and before crop emergence. Sufficient rainfall is required after application and prior to weed emergence to wet soil to a depth of 5cm. Use the higher rate of simazine on heavier soils, or where higher weed pressure is expected, or where wireweed is problem. Under adverse conditions, weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded. Good crop growth will aid weed control. Transient yellowing or reddening of the crop may occur. The risk of crop injury may be increased under adverse growing conditions. DO NOT use this mixture on soils, and in areas, ill suited to growing chickpeas, as crop injury will be increased.   |
| Pre-emergence Faba beans, field beans  | Indian hedge mustard (sisymbrium orientale), shepherds purse (Capsella bursa pastoris), stinging nettle (urtica urens) (NSW, Vic only), Toadrush (Jancus bufonius), Turnip Weed (Rapistrum rugosum), *Dead Nettle (Lamium amplexicaule), *Doublegee (Emex australis), *Pattersons curse (Echium plantagiem), **Wireweed (polygonum aviculare), **Wild oats (avena fatua)  | NSW, Vic, SA, WA only      | 70g   | Apply to moist, well prepared, clod and weed free soil after planting and before crop emergence. Sufficient rainfall is required after application and prior to weed emergence to wet soil to a depth of 5cm. Under adverse conditions, weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded. Good crop growth will aid weed control. *Surviving plants will generally be retarded and will not compete with the crop. A follow up spray with another spray will generally be required for control of wild radish under high pressure or high rainfall conditions. **Competition from grass weeds will be significantly reduced for at least 8 weeks. A post-Emergence grass herbicide application may be required. (Refer to <b>COMPATIBILITY</b> section of label). ***Populations may be reduced but plants will generally be significantly stunted. Seed set will also be reduced. |
|  | Wild Radish(Raphanus raphanistrum), **Annual ryegrass (lolium rigidum), **Barley grass (hordeum leporinum)  | NSW, WA only               |   | Use the higher rates under anticipated high weed pressure and in high rainfall areas.  |
|  | Storksbill(erodium spp.)  | SA, WA only                |   | DO NOT use on faba beans on light sandy soils.   |
|  | Mouse-ear chickweed(Cerastium glomeratum), *Capeweed (Arctotheca calendula), *Prickly Lettuce (Lactuca serriola), * yellow burrweed (Amsinckia intermedia)  | NSW only                   | 70 TO 100g  | On alkaline soils, the risk of crop damage to faba beans may be increases under adverse growing conditions. Refer to the Crop Safety and Follow Crop sections of this label regarding varietal selectivity and follow crops.   |
|  | Ivy leaf speedwell (veronica hederifolia), ***Bifora (Bifora testiculata)   | SA only                    |   |  |
|  | *Three horn bedstraw (Galium tricormutum), *Wild radish (Raphanus raphanistrum) *Yellow burrweed (Amsinckia intermedia)   | Vic, SA only               |   |  |
| Post emergence Field peas (following varieties only: Alma, dun, dundale, early dun, wiregga) | Lesser loosestrife (Lythrum hyssopifolia) *Prickly lettuce (Lactuca serriola), **Annual ryegrass (Lolium leporinum), **Barley grass (hordeum leporinum)   |                            | 100g  |  |
|  | Dead nettle (Lamium amplexicaule), hare's ear (Conringia orientalis), Indian hedge mustard (Sisymbrium orientale), Toadrush (Jancus bufonius), *Wireweed (Polygonum aviculture)   | NSW, Vic, SA only          | 70g plus a non-ionic surfactant at 200ml/100L                                     | Apply to actively growing weeds in the cotyledon to 3-leaf stage. Weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded. Good crop growth will aid weed control. *Surviving plants will generally be retarded and will not compete with the crop. Use the higher rate under high weed pressure. Refer to the follow Crop section of this label regarding follow crops   |
| Pre-emergence Mungbeans, peanuts, Soy beans  | *Threehorn bedstraw (Galium tricormutum)  | Vic, SA Only               | 70g plus a non-ionic surfactant at 200ml/100L                                     |  |
|  | Common sida (sida rhombifolia) fat hen (Chenopodium album), green amaranth (amaranthus viridis), pigweed (Portulaca oleracea), redroot amaranthus (amaranthus retroflexus) wild gooseberry (Physalis minima), *Anoda weed (Anoda cristata), *Bellvine (Pomea plebeian), *Common thornapple (Datura stratmonium), *Dead nettle (Lamium amplexicaule), *Jute (Corchorus olit orius), *Mint weed (Salvia reflixz), *Starburr (Acanthospermum hispidum), *Wild radish (Raphanus raphanistrum) | Qld, NSW, Vic, NT only     | 100g  | Apply to moist, well prepared, clod and weed free soil after planting and before crop emergence. Sufficient rainfall or irrigation is required after application and prior to weed emergence to wet soil to a depth of 5cm. Where soil crusting is most likely, apply post emergence. (Not mung beans). Under adverse conditions, weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded. Good crop growth will aid in weed control. *Surviving plants will generally be retarded and will not compete with the crop.  |
| Post-emergence Peanuts, soybeans   | Above weeds plus: bladder ketmia (Hibiscus trionum), *Awnless barnyard grass (Echinochloa colona), *Apple of Peru (Nicandra physalodes), *Noogoora burr (Xanthium pungens),*Nutmeg (Cyperus rotundus)   |                            | 140g  |  |
|  | Common sida (Sida rhombifolia), Wild gooseberry (Physalis minima), *Anoda weed (Anoda cristata), *Bathurst burr (Xanthium spinosum), *Bellvine (Ipomoea plebeian) *Common thornapple (Datura stratmonium), *Dead nettle (Lamium amplexicaule), *Jute (Corchorus olitorius), Feirce thornapple (Datura ferox)  |                            | 100g plus a non-ionic surfactant at 200mL/100L or Hasten or Kwickin at 500mL/100L | Apply to actively growing weeds in the 2 to 4 leaf stage. Weeds may not be totally controlled but populations will be significantly reduced and surviving plants will generally be severely retarded. Good crop growth will aid in weed control. *Surviving plants will generally be retarded and will not compete with the crop. For grass weeds a follow up spray with a selective grass herbicide may be required.  |
| Pre-emergence to weeds Lucerne (established), Serra Della (established)                      | As for pre-emergence use in Faba beans and Field beans (winter weeds) and in soybeans (summer weeds)  | Qld, NSW, Vic, SA, WA only | 70 to 140g  | Use pre-emergence to weeds in <b>established</b> lucerne <b>only</b> . Apply following cutting or grazing, if necessary in mixtures with registers knock-down products. Apply at rates as per pre-emergence use in Faba beans and field peas (winter weeds) and in soybeans (summer weeds). Note <b>CRITICAL COMMENTS</b> applying to weeds in those crops.  |
|  | Centrosema (Cavalcade) (Pre-emergence to crop)  | NT only                    |   |  |
| Post-emergence Lucerne, serradella   | As for post-emergence use in field peas (winter weeds) and in Soybeans (Summer weeds)   | Qld, NSW, Vic, SA, WA only | 70g to 140g plus a non-ionic surfactant at 200mL/100L                             | Apply to actively growing weeds in the cotyledon to 3-leaf stage (winter weeds) and 2-4 leaf stage (summer weeds). Apply at rates as per post-emergence in field peas (winter weeds) and in soybeans (summer weeds) Note <b>CRITICAL COMMENTS</b> applying to weeds in those crops. <b>Seedling:</b> apply when crop is at first trifoliate leaf stage or later (spring sown) and 2 trifoliate leaf-stage or later (Autumn sown). Serradella varieties on which 4Farmers Imazethapyr 700 WG Herbicide has been tested and found to be selective are: Avila, Elgara, Tauro. <b>Established:</b> Apply as above following cutting or grazing.  |
| Subterranean clover (Trifolium subterranean)   | Double gee (Emex australis),  | WA only                    | 50g plus 300ml diuron (500g/L) plus Nufarm Liase at 2L per 100L water             | Apply to actively growing weeds up to 4-leaf stage and when sub-clover is at the 3 leaf stage or later. The treatment should only be used in the first year of the pasture phase to aid sub-clover establishment. Weed numbers will be reduced and survivors will be stunted. Seed set will also be reduced. Sub clover biomass may also be reduced by this treatment. Varieties on which 4Farmers Imazethapyr 700 WG Herbicide has been tested are: Dalkeith and Nungarin. Other weeds may also be affected, thereby reducing the total pasture biomass.  |

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

#### WITHHOLDING PERIODS

**GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.**

**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED**

**Follow Crops:** Under conditions that do not favor breakdown of this product, carry-over soil residues can affect susceptible follow crops. As environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product, rotational crop injury is always possible.

The following minimum re-cropping intervals (months after application) should be observed:

**Following use in winter crops:**

| MONTHS AFTER APPLICATION  |  |                   |  |
|---|--|-------------------|--|
| 0   | 10   | 22                | 34   |
| Maize varieties with CLEARFIELD Technology ONLY:<br>- Pacific Hycorn 621T<br>- Pacific Hycorn 531T<br>- Pioneer 33951R<br>Wheat varieties with CLEARFIELD Technology ONLY<br>Faba beans<br>Fields peas<br>Chickpeas | Lucerne<br>Lupins<br>Pasture legumes<br>Vetch<br>*Triticale<br>*Barley<br>*Wheat (except varieties with CLEARFIELD Technology; see 0 months) | Oats<br>Safflower | All other crops including canola (except varieties with CLEARFIELD Technology; see 0 months) |

\*The following additional requirements apply if it is intended to sow WHEAT (except varieties with CLEARFIELD Technology), BARLEY or TRITICALE during the next winter season.

\*DO NOT apply 4Farmers Imazethapyr 700 WG Herbicide pre-emergence later than the end of June and post-emergence later than the end of July

\*DO NOT use 4Farmers Imazethapyr 700 WG Herbicide in areas where rainfall from spraying to sowing of cereals is expected to be below 300mm.

\*In WA and SA DO NOT use on soils of pH 5.5 (CaC12) or less in areas where rainfall from spraying to sowing of cereals is expected to be below 400mm.

\*In NSW, Vic and SA DO NOT use the 100g/ha rate in areas where rainfall from spraying to sowing of cereals is expected to be below 400mm.

If expected rainfall is not received following the use of 4Farmers Imazethapyr 700 WG Herbicide, consult your local 4Farmers Pty Ltd representative before planting wheat, barley or Triticale. (In calculating rainfall actually received, exclude single isolated heavy summer and Autumn falls above 100mm).

**Following use in Summer crops:**

**Irrigated only:**

| MONTHS AFTER APPLICATION  |  |   |   |
|---|--|---|---|
| 0   | 5  | 10  | 18  |
| Maize varieties with CLEARFIELD Technology ONLY:<br>- Pacific Hycorn 621T<br>- Pacific Hycorn 531T<br>- Pioneer 33951R<br>Mung Beans<br>Peanuts<br>Soybeans | Chickpeas<br>Lucerne<br>Lupins<br>Pasture legumes<br>*Barley<br>*Wheat (except varieties with CLEARFIELD Technology)<br>canola varieties with CLEARFIELD Technology ONLY | ** maize (except varieties with CLEARFIELD Technology; see 0 months)<br>**sorghum | All other crops (providing rainfall and irrigation exceeds 200mm) |

\*DO NOT plant these crops unless interim moisture (rainfall plus irrigation) from application to sowing is at least 500mm.

\*\*DO NOT plant these crops unless interim moisture (rainfall plus irrigation) from application to sowing is at least 800 mm. DO NOT plant sorghum if 4Farmers Imazethapyr 700 WG Herbicide rates higher than 100g/ha where used in the previous crop.

**Dryland only:**

| MONTHS AFTER APPLICATION  |   |  |  |  |
|---|---|--|--|--|
| 0   | 10  | 15   | 22   | 27   |
| Maize varieties with CLEARFIELD Technology ONLY:<br>- Pacific Hycorn 621T<br>- Pacific Hycorn 531T<br>- Pioneer 33951R<br>Mung Beans<br>Peanuts<br>Soybeans | **maize (except varieties with CLEARFIELD Technology; see 0 months)<br>** sorghum | Chickpeas<br>Lucerne<br>Lupins<br>Pasture legumes<br>*barley<br>*Wheat (except varieties with CLEARFIELD Technology)<br>Canola varieties with CLEARFIELD Technology ONLY | Cotton Maize (see also 0 months)<br>sorghum<br>sunflower | All other crops (providing rainfall exceeds 200mm) |

\*DO NOT plant these crops unless interim rainfall from application to sowing is at least 500mm.

\*\* DO NOT plant these crops unless interim rainfall from application to sowing is at least 800mm.

DO NOT plant sorghum if 4Farmers Imazethapyr 700 WG Herbicide rates higher than 100g/ha where used in the previous crop.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

**STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsing to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority land fill. If no landfill is available, bury the container below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS**

Will damage eyes. Will irritate skin. Avoid contact with eyes and skin. When preparing spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and goggles. If products in eyes, wash it out immediately with water. Wash hands after use. After each days use, wash gloves, goggles and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26)

**SAFETY DATA SHEET**

For further information please refer to the Safety Data Sheet. For a copy visit our website at [www.4farmers.com.au](http://www.4farmers.com.au)

**CONDITIONS OF SALE**

The use of this product is beyond the control of 4Farmers Australia Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. 4Farmers Australia Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. 4Farmers Australia Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

|   |   |
|---|---|
| <b>In a Transport Emergency<br/>Dial 000<br/>Police or Fire Brigade</b> | <b>Special Poisons Advice:<br/>13 11 26</b> |
|---|---|