

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# Picoflex<sup>®</sup>

## Herbicide

ACTIVE CONSTITUENT: **240 g/L PICLORAM**

present as the POTASSIUM SALT

GROUP **4** HERBICIDE

**CROPS/SITUATION:** Agricultural Non-Crop Areas, Cereals, Commercial and Industrial Areas, Fallow, Linseed, Linola, Maize, Pasture, Rights of Way, Sorghum and Sugarcane

**CONTROLS:** A wide range of annual, perennial, noxious and woody weeds as per the Directions for Use

Formulation type  
Soluble  
Concentrate **SL**



adama.com

CONTENTS: 5 L - 1000 L

### DIRECTIONS FOR USE

#### RESTRAINTS

#### ALL CROPS/SITUATIONS

**DO NOT** apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as crop damage or reduced levels of control may result.

**DO NOT** use in high winds.

**DO NOT** spray if rain is likely to occur within four hours when applying in tank mixtures with MCPA amine, 2,4-D amine, metsulfuron-methyl (Lynx<sup>®</sup> WG) or glyphosate (Wipe-Out<sup>®</sup>) products. Refer to guidelines below for rainfall interval when tank mixing with triclopyr (Safari<sup>®</sup> 750 EC).

**DO NOT** apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed into areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.

**DO NOT** move soil which may have been sprayed to areas where desirable plants are to be grown.

Picloram remains active in the soil for extended periods depending on the rate of application, soil type, rainfall, temperature, humidity, soil moisture and soil organic matter. In some states some uses of this product are controlled by legislation. Refer to the plantback guidelines and check with your local Department of Agriculture or Primary Industry for further details.

#### TANK MIXTURES WITH Safari<sup>®</sup> 750 EC

**DO NOT** burn off, cut or clear blackberry or other woody weeds for at least 6 months after spraying.

**DO NOT** apply if rain is likely within one hour or if foliage is wet from rain or dew.

**DO NOT** apply by aerial application in wind in excess of 15 km/hr and air temperatures above 35°C.

In areas prone to flooding, treatment should commence after any annual flooding as such areas flooded within 9 months following application may have reduced results.

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**PART A CROPS AND FALLOW**

**Table 1:** For use on winter cereals, linseed, linola, in tank mix with Adama MCPA 750

| CROP   | CROP STAGE   | WEEDS CONTROLLED   | WEED GROWTH STAGE                                    | STATE         | RATE/ha  | CRITICAL COMMENTS   |
|--|--|--|--|---------------|--|---|
| Barley, Canary Grass, Oats, Triticale, Wheat | Apply from early tillering (when the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30)).           | Climbing Buckwheat (Black Bindweed)  | Up to 6 leaf   | Qld, NSW only | 110 mL plus 560 mL of Adama MCPA 750                           | For best control of Climbing Buckwheat apply at early tillering as this weed becomes increasingly difficult to control as it becomes larger.<br>To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage.  |
|  |  | Common Sowthistle, Doublegee (Spiny Emex), Mustard, Saffron Thistle, Skeleton Weed, Turnip Weed, Variegated Thistle, Wild Radish, Wild Turnip      | Young rosette or seedling plants up to 8 true leaves |               |  |   |
|  |  | New Zealand Spinach <sup>1</sup> , Wireweed <sup>1</sup>   | Up to 4 leaf   |               |  |   |
| Barley, Triticale, Wheat                     |  | Common Sowthistle, New Zealand Spinach, Wireweed   | Apply up to 4 leaf stage                             |               | 85 mL plus 450 mL Adama MCPA 750 plus 5 g Lynx <sup>®</sup> WG | Add Wetspray <sup>®</sup> 1000 at the rate of 100 mL/100 L of water.  |
| Barley, Canary grass, Oats, Triticale, Wheat | Apply from 3 leaf to early tillering (when the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30)). | Capeweed, Doublegee, Saffron Thistle, Turnip Weed, Wild Mustard, Wild Turnip   | Young rosette or seedling plants up to 4 true leaves | WA only       | 65 mL plus 340 mL Adama MCPA 750                               | To avoid possible crop damage DO NOT spray outside the early tillering to early jointing stage. Caution: DO NOT use this product where the land to be treated will be sown to lupins or peas the following year or where a volunteer medic or subclover pasture is required in the following season. Only use when a cereal crop will follow the cereal crop to be treated. |
|  |  |  | Young rosette or seedling plants up to 6 true leaves |               | 80 mL plus 420 mL Adama MCPA 750                               |   |
|  |  | Wireweed <sup>1</sup>  | Up to 4 leaf   |               | <sup>1</sup> Suppression only                                  |   |
|  | Apply from early to mid-tillering.   | Docks, Sorrel  | Active growth  |               | 110 mL plus 560 g of Adama MCPA 750                            |   |
| Linseed, Linola                              | Apply when the crop is 8-20 cm high  | Climbing Buckwheat (Black Bindweed), Doublegee (Spiny Emex), Mustard, Saffron Thistle, Skeleton Weed, Variegated Thistle, Wild Radish, Wild Turnip | Young rosette or seedling plants up to 4 true leaves | Qld, NSW only | 70 - 90 mL plus 375 mL to 470 mL Adama MCPA 750                | Use the higher rate when Climbing Buckwheat is present or weed growth is advanced.  |
|  |  | New Zealand Spinach <sup>1</sup> , Wireweed <sup>1</sup>   | Up to 2 leaf   |               |  |   |

**Table 2:** Cereals, stubble or fallow land prior to sowing winter cereals, summer cereals and sugarcane in tank mix with Adama 2,4-D Amine 625

| CROP  | CROP STAGE   | WEEDS CONTROLLED   | WEED GROWTH STAGE   | STATE              | RATE/ha  | CRITICAL COMMENTS  |
|---|--|--|---|--------------------|--|--|
| Barley, Oats, Triticale, Wheat                        | Apply from 3-4 tiller stage to start of jointing (first node) Z23 to Z31 for least effect on the crop. | Climbing Buckwheat (Black Bindweed), New Zealand Spinach, Docks, Doublegee (Spiny Emex), Saffron Thistle, Sow Thistle  | Young rosette or seedling plants up to 8 true leaves            | Qld, NSW only      | 95 mL plus 145 mL of Adama 2,4-D Amine 625   | Winter cereals may be treated using an aircraft or ground boom (see APPLICATION SECTION). For best control of Climbing Buckwheat, apply early as this weed becomes increasingly difficult to control as it becomes larger.   |
|   |  | Mustards, Radish, Turnip Weed, Hexham Scent, Mintweed, Variegated Thistle, Sunflower, Wireweed <sup>2</sup>  |   |                    | 95 mL plus 520 mL Adama 2,4-D Amine 625  | <sup>2</sup> Suppression only – spray early.   |
|   |  | Skeleton Weed  |   | SA only            |  |  |
| Stubble or fallow land prior to sowing Winter Cereals | Not applicable   | <i>Amaranthus</i> spp., Bathurst Burr, Bellvine, Fat Hen, Morning Glory, Noogoora Burr, Parthenium Weed, Redroot Amaranth, Sesbania Pea, Stinking Roger, Thornapple ( <i>Datura</i> spp.)  | Young rosette or seedling plants up to 25 cm height or diameter | Qld, NSW only      | 315 mL plus 480 mL Adama 2,4-D Amine 625   | May be applied using an aircraft or ground boom (see APPLICATION SECTION). This rate will provide control of weeds present at the time of application and residual control of later germinations. DO NOT apply two months prior to sowing winter cereals as some damage to the crop may occur, particularly if conditions are dry after application.   |
|   |  | Fleabane ( <i>Conyza</i> spp.)   |   |                    | 220 mL plus 335 mL Adama 2,4-D Amine 625 plus Wipe-Out <sup>®</sup> 450  | Rate of glyphosate required determined by the grass species present at application.  |
| Summer Cereals Maize, Sorghum                         | Spray when the crop has between 4 and 6 fully expanded leaves and secondary roots have developed       | Thornapple ( <i>Datura</i> spp.) and other broadleaf weeds including: <i>Amaranthus</i> spp., Annual Ground Cherry, Bladder Ketmia, Caltrop, Bellvine, Black Pigweed, Mintweed, Noogoora Burr, Red Pigweed, Sesbania Pea, Wild Gooseberry, Wandering Jew | Young rosette or seedling plants up to 15 cm height or diameter | Qld, NSW, ACT only | 105 mL or 155 mL plus 160 mL or 240 mL Adama 2,4-D Amine 625 and 1.25 L or 2 L Farmozine <sup>®</sup> 500 SC OR 1.1 kg Farmozine <sup>®</sup> 900 WG | Use the lower rate when weeds are small and actively growing. Use the higher rate for larger weeds. <b>Caution:</b> If rotating to atrazine susceptible crops, DO NOT apply later than November. Add either a wetter or a crop oil as required according to the atrazine label. DO NOT add a crop oil when using on sorghum.   |
|   |  | <i>Datura</i> spp. and other broadleaved weeds, as listed above  |   |                    | 155 mL plus 520 mL Adama 2,4-D Amine 625   | This mixture will result in reduced residual control of <i>Datura</i> spp. Caution: This mixture may cause crop damage. To minimize damage, avoid applying these chemicals when the crop is rapidly growing under high temperature and soil moisture conditions. Use droppers and avoid spraying the growing points of the crop. DO NOT cultivate for 10-14 days after application while plants are brittle. For further advice seek information from your state agriculture department or your local spray adviser. |

**Table 2:** Cereals, stubble or fallow land prior to sowing winter cereals, summer cereals and sugarcane in tank mix with Adama 2,4-D Amine 625

| CROP       | CROP STAGE | WEEDS CONTROLLED | WEED GROWTH STAGE     | STATE    | RATE/ha   | CRITICAL COMMENTS   |
|------------|------------|------------------|-----------------------|----------|---|---|
| Sugar cane | Vegetative | Sicklepod        | See critical comments | Qld only | 220-470 mL plus<br>1.2 L-1.5 L<br>Adama 2,4-D Amine 625 | May be applied using an aircraft using at least 50 L/ha of water or ground boom using at least 200 L/ha of water (see APPLICATION SECTION).<br>Always add Uptake* Spraying oil at 1 L/200 L, or add Wetspray® 1000 at the rate of 200 mL/200 L of spray mixture.<br>Use 220 mL plus 1135 mL/ha Adama 2,4-D Amine 625 when weeds are less than 50 cm tall.<br>Use 315 mL plus 1280 mL/ha Adama 2,4-D Amine 625 when weeds are 50 - 100 cm tall.<br>Use 470 mL plus 1520 mL/h Adama 2,4-D Amine 625 rate when weeds are more than 100 cm tall.<br>Apply only once per season.<br>DO NOT add Adama 2,4-D Amine to known 2,4-D susceptible varieties. |

**Table 3:** Fallow situations in tank mix with Safari® 750 EC and Wipe-Out® 450  
See GENERAL INSTRUCTIONS - APPLICATION section for application method details

| FALLOW   |  |               |  |   |  |
|--|--|---------------|--|---|--|
| WEEDS CONTROLLED   | WEED GROWTH CONTROLLED                                   | STATE         | RATE/ha  | CRITICAL COMMENTS   |  |
| Blackberry Nightshade – suppression only                                 | 10 - 25 cm tall prior to flowering                       | Qld, NSW only | 85 -165 mL plus<br>80 - 160 mL<br>Safari® 750 EC plus<br>1.2 L<br>Wipe-Out® plus adjuvant    | FOR USE BY GROUND EQUIPMENT ONLY.<br>Plants must be actively growing.<br>Use the lower rate on the smaller weeds, as specified in the weed growth stage (or up to 5 cm diameter for <i>Polymeria pusilla</i> ). Refer to Wipe-Out® 450 label for use of adjuvant.<br>DO NOT plant susceptible crops for up to 9 months after application, as specified in GENERAL INSTRUCTIONS – MINIMUM RECROPPING PERIODS<br>Dry conditions after application will increase the recropping intervals. |  |
| Camel Melon, Prickly Paddy Melon, Cucumber Melon ( <i>Cucumis melo</i> ) | From 2 leaf to 50 cm diameter                            |               |  |   |  |
| Common Sowthistle  | From 8 leaf to flowering                                 |               |  |   |  |
| Cow Vine   | From 2 - 5 leaf up to 15 cm diameter, prior to flowering |               |  |   |  |
| Lucerne (established)  | Active growth, 15 - 25 cm high, during Spring            |               |  |   |  |
| <i>Polymeria pusilla</i>   | 2 - 12 leaf up to 20 cm diameter, prior to flowering     |               | 125 - 210 mL plus<br>120 - 200 mL<br>Safari® 750 EC plus<br>1.2 L<br>Wipe-Out® plus adjuvant |   |  |
|  |  |               | 85 - 165 mL plus<br>80 - 160 mL<br>Safari® 750 EC plus 1.2 L<br>Wipe-Out® plus adjuvant      |   |  |

**PART B: WOODY WEEDS - AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, PASTURES AND RIGHTS OF WAY**

**Table 4: High Volume spot spraying in tank mix with Safari® 750 EC or Adama 2,4-D Amine 625**

| <b>AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY</b> |  |                                       |   |   |
|--|--|---------------------------------------|---|---|
| <b>WEEDS</b>   | <b>WEED GROWTH CONTROLLED</b>                | <b>STATE</b>                          | <b>RATE/100 L WATER</b>   | <b>CRITICAL COMMENTS</b>  |
| African Boxthorn   | Less than 2 m tall                           | All States                            | 210 mL plus<br>200 mL<br>Safari® 750 EC   | Apply when bushes have good leaf cover, growth and no leaf fall.  |
| Alkali Sida  | Pre-flowering                                | Qld, NSW,<br>ACT, Vic, WA<br>only     | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625   |   |
|  |  | SA only                               | 45 mL plus<br>70 mL Adama<br>2,4-D Amine 625  |   |
| Amsinckia<br>(Yellow Burr Weed)  | During rosette stage                         | Vic, SA only                          | 25 mL plus<br>35 mL Adama<br>2,4-D Amine 625  |   |
| <i>Angophora</i> spp.  | 1 to 3 m tall                                | All States                            | 145 mL plus<br>140 mL<br>Safari® 750 EC   |   |
| Apple-of-Sodom   | Flowering to early<br>fruiting               | Vic only                              | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625  |   |
|  |  | SA only                               | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625   |   |
| Artichoke Thistle  | Late Winter to<br>Spring before<br>flowering | Vic only                              | 65 mL plus<br>95 mL Adama<br>2,4-D Amine 625  | SA – Use double rate at flowering.  |
|  |  | SA only                               | 40 mL plus<br>60 mL Adama<br>2,4-D Amine 625  |   |
| Australian<br>Blackthorn   | Less than 2 m tall                           | All States                            | 210 mL plus<br>200 mL<br>Safari® 750 EC   | Apply from late Spring to early Autumn.   |
| <i>Banksia</i> spp.  | 1 - 3 m tall                                 |                                       | 145 mL plus<br>140 mL<br>Safari® 750 EC   |   |
| Biddy Bush<br>(Chinese Shrub)<br>(Sifton Bush)   | Autumn when<br>actively growing              | NSW, ACT<br>only                      | 210 mL plus<br>200 mL<br>Safari® 750 EC   | Add a 100% concentrate non-ionic surfactant (e.g. Wetspray® 1000) at the rate of 125 mL/100 L of water for best results.  |
| Bindweed   | Double budding                               | Qld, NSW,<br>ACT, Vic, SA,<br>WA only | 405 mL plus<br>625 mL Adama<br>2,4-D Amine 625  |   |
| Blackberry   | December-January                             | Vic only                              | 405 mL plus<br>625 mL<br>2,4-D Amine 625  | Spray regrowth in Autumn.   |
| Blackberry in<br>association with:<br>Docks, Ragwort,<br>Smartweed,<br>Thistles                          | Late Spring to<br>Autumn                     | All States                            | 145 mL plus<br>140 mL<br>Safari® 750 EC<br>OR 210 mL plus<br>200 mL<br>Safari® 750 EC | Use the higher rate on plants which have been damaged by grazing stock or insects and on known difficult to kill Blackberry. Where herbicides other than Group 4 herbicides have been used, allow two seasons regrowth to occur before respraying with Picoflex®. |
| Black Knapweed   | December-January                             | Vic only                              | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625  | Spray plant and soil for 1 m around base of plant.  |
| Bladder Campion  | August<br>Pre-flowering                      | SA only                               |   |   |
| Blue Heliotrope  | Flowering                                    | Qld, NSW,<br>ACT only                 | 210 mL plus<br>200 mL<br>Safari® 750 EC   | Apply in a minimum spray volume of 1250 L/ha.   |
| Boneseed<br>(Bitou Bush)   | Flowering to fruiting                        | Qld, NSW,<br>ACT, Vic, SA,<br>WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625  | Treat freshly cut stumps with 1 L/10 L water at any time.   |
| Borreria<br>(Square Weed)  |  | Qld only                              | 45-95 mL plus<br>70-145 mL<br>Adama<br>2,4-D Amine 625                                | Use higher rate on older plants.<br>Add Wetspray® 1000 at the rate of 100 mL/100 L of water.  |

| <b>AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY</b> |   |                                 |  |   |
|--|---|---------------------------------|--|---|
| <b>WEEDS</b>   | <b>WEED GROWTH CONTROLLED</b>               | <b>STATE</b>                    | <b>RATE/100 L WATER</b>                        | <b>CRITICAL COMMENTS</b>  |
| Boxthorn, African  | Prior to bud burst                          | Qld, NSW, ACT, Vic, WA only     | 405 mL plus<br>625 mL Adama<br>2,4-D Amine 625 | Treat small plants only. Thorough coverage essential. Spray soil to drip line.  |
| Broom, Cape<br>Broom, English  | Prior to pod formation                      | SA only<br>Vic, SA only         | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625  | Thoroughly wet foliage and soil around base of plant.   |
| Brooms:<br>Cape, English, Flax Leaf, Montpellier   | Spring to mid-Summer prior to pod formation | All States                      | 105 mL plus<br>100 mL<br>Safari® 750 EC        | Apply as a thorough foliage spray.  |
|  | Autumn to Winter                            |                                 | 145 mL plus<br>140 mL<br>Safari® 750 EC        |   |
| Burr Ragweed   |   | Qld only                        | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |
| Californian (perennial) Thistle  | During budding stage                        | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |
| Camphor Laurel   | Less than 2 m tall                          | All States                      | 145 mL plus<br>140 mL<br>Safari® 750 EC        | Apply as a thorough foliage spray.  |
|  | Above 2 m tall                              |                                 | 210 mL plus<br>200 mL<br>Safari® 750 EC        |   |
| Camel thorn  |   | Vic, SA only                    | 405 mL plus<br>625 mL Adama<br>2,4-D Amine 625 |   |
| Cape Honeyflower   | At flowering stage                          | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |
| <i>Casuarina</i> spp.  | 1 - 3 m tall                                | All States                      | 145 mL plus<br>140 mL<br>Safari® 750 EC        | Apply as a thorough foliage spray.  |
| Chilean or Green Cestrum   | During full leaf                            | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |
| Chinese Apple  | Less than 2 m tall                          | Qld, WA only                    | 145 mL plus<br>140 mL<br>Safari® 750 EC        | Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.   |
| Chinese Scrub  | Autumn                                      | Vic only                        | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |
| Cockspur Thorn   | Spring to Autumn                            | Qld, NSW, ACT only              | 145 mL plus<br>140 mL<br>Safari® 750 EC        | Apply as a thorough foliage spray.  |
| Colocynth  | Seedling and established plants             | Qld, NSW, ACT, Vic, SA, WA only | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625  |   |
| Common Sensitive Plant   | Any time when actively growing              | Qld, WA, NT only                | 85 mL plus<br>80 mL<br>Safari® 750 EC          | To avoid leaves closing during application, spray plants while moving forward.<br>Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results. |
| Crofton Weed   | Spring to Autumn                            | Qld, NSW, ACT, Vic, SA, WA only | 145 mL plus<br>140 mL<br>Safari® 750 EC        | Apply as a thorough foliage spray.  |
|  | All stages                                  |                                 | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |
| Cut Leaf Mignonette  | Before flowering                            | SA only                         | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625 |   |

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |  |                                 |  |   |
|---|--|---------------------------------|--|---|
| WEEDS   | WEED GROWTH CONTROLLED                                     | STATE                           | RATE/100 L WATER   | CRITICAL COMMENTS   |
| Devil's Fig   |  | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus 310 mL Adama 2,4-D Amine 625                               |   |
| Docks   | Full leaf to early flowering                               | Qld, NSW, ACT, Vic, SA, WA only | 25-45 mL plus 35-70 mL Adama 2,4-D Amine 625                           | Use lower rate on seedlings only.   |
| Dog Rose  | During Summer  | SA only                         | 205 mL plus 310 mL Adama 2,4-D Amine 625                               |   |
| Eastern Cotton Bush ( <i>Mairean amicrophylla</i> )   | Spring to Autumn   | Qld, NSW, ACT only              | 210 mL plus 200 mL Safari® 750 EC                                      | Add Uptake* Spraying Oil at 500 mL/100 mL of water. Some bushes may require a follow-up spray to control regrowth.  |
| <i>Eucalyptus</i> spp.  | Seedling and regrowth from small lignotubers, 1 - 3 m tall | All States                      | 145 mL plus 140 mL Safari® 750 EC OR 210 mL plus 200 mL Safari® 750 EC | Apply the higher rate where difficult to control species of <i>Eucalyptus</i> regrowth is present. Addition of an adjuvant may improve results contact Adama for details. |
|   |  | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus 310 mL Adama 2,4-D Amine 625                               | DO NOT treat seedlings more than 2.0 m high.  |
| Galenia   | Fresh growth in Spring to Summer                           | NSW, ACT only                   | 210 mL plus 200 mL Safari® 750 EC                                      | Use 2000 L of spray mixture/ha.   |
| Garlic, Wild  | Before new bulbils form                                    | Vic only                        | 95 mL plus 145 mL Adama 2,4-D Amine 625                                |   |
|   |  | SA only                         | 80 mL plus 120 mL Adama 2,4-D Amine 625                                |   |
| Giant Bramble   | Spring to Autumn   | Qld, WA, NT only                | 210 mL plus 200 mL Safari® 750 EC                                      | Penetration of thick clumps may be difficult and respraying may be necessary. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.                   |
| Golden Thistle  | Seedling and rosette stage                                 | Qld, NSW, ACT, SA, WA only      | 95 mL plus 145 mL Adama 2,4-D Amine 625                                |   |
|   |  | Vic only                        | 155 mL plus 240 mL Adama 2,4-D Amine 625                               |   |
| Gorse ( <i>Ulex europaeus</i> )   | 1 - 5 m tall   | All States                      | 104 mL plus 100 mL Safari® 750 EC                                      | Spring and Summer treatment only. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.   |
|   | Over 1.5 m tall or Autumn treatment                        |                                 | 145 mL plus 140 mL Safari® 750 EC                                      |   |
|   | Winter treatment   |                                 | 210 mL plus 200 mL Safari® 750 EC                                      |   |
|   | Spring treatment   | Vic only                        | 155 mL plus 240 mL Adama 2,4-D Amine 625                               | Brownout may not be complete until Summer. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.  |
| Green Cestrum   | Late Spring to early Autumn                                | Qld, NSW, ACT only              | 210 mL plus 200 mL Safari® 750 EC                                      | One application may give satisfactory control. Any subsequent regrowth and seedlings must be resprayed at approximately 1 metre high.                                     |
|   | Over 1.5 m tall  |                                 |  |   |
| Groundsel Bush ( <i>Baccharis halimifolia</i> )   | 1 - 5 m tall in Spring and Summer                          | All States                      | 105 mL plus 100 mL Safari® 750 EC                                      | Apply as a thorough foliar spray.   |
|   | Over 1.5 m tall or Autumn treatment                        |                                 | 145 mL plus 140 mL Safari® 750 EC                                      |   |
|   |  | Qld, NSW, ACT only              | 205 mL plus 310 mL Adama 2,4-D Amine 625                               |   |



| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |   |                                       |  |  |
|---|---|---------------------------------------|--|--|
| WEEDS   | WEED GROWTH CONTROLLED                                  | STATE                                 | RATE/100 L WATER   | CRITICAL COMMENTS  |
| Hawthorn  | Less than 2 m tall                                      | All States                            | 210 mL plus<br>200 mL<br>Safari® 750 EC  | Apply from late Spring to early Autumn.  |
| Heliotrope, Blue  |   | Qld, NSW,<br>ACT only                 | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625   | Apply as a thorough foliar spray.  |
| Hoary Cress   | Rosette to pre-flowering                                | SA only                               | 405 mL plus<br>625 mL Adama<br>2,4-D Amine 625   |  |
| Horehound   | Pre-flowering   | All States                            | 145 mL plus<br>140 mL<br>Safari® 750 EC  |  |
| Inkweed   | During full leaf  | Qld, NSW,<br>ACT, Vic, SA,<br>WA Only | 155 mL plus<br>240 mL Adama<br>2,4-D Amine 625   |  |
| Japanese Sunflower  | Pre-flowering   | Qld, NSW,<br>ACT only                 | 145 mL plus<br>140 mL<br>Safari® 750 EC  |  |
| Khaki Weed  | During full leaf in Summer                              | Qld, NSW,<br>ACT, Vic, SA,<br>WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625   | Apply as a thorough foliar spray.  |
| Knapweed,<br>Creeping   | During late Spring to Summer                            | Vic, SA only                          | 405 mL plus<br>625 mL Adama<br>2,4-D Amine 625   |  |
|   |   | Qld, NSW,<br>ACT, WA<br>only          | 405-625 mL plus<br>625-960 mL<br>Adama<br>2,4-D Amine 625                                      |  |
| Lantana<br>( <i>Lantana camara</i> )<br>( <i>Lantana montevidensis</i> )                          | Up to 1 m tall in Summer to Autumn                      | All States                            | 145 mL alone or plus 140 mL Safari® 750 EC   | Add one of the following adjuvants:<br>Uptake* Spraying Oil at 0.5% v/v.<br>Pulse* Penetrant at 0.1% v/v.<br>D-C-Trate* at 1% v/v.<br>Thoroughly wet foliage, stems and soil around the base of the plants.<br>Use higher rate on known harder to kill varieties.<br>Use the combination with Safari® 750 EC or Adama 2,4-D Amine 625 for faster burndown. |
|   | 1 - 2 m tall in Summer to Autumn                        |                                       | 210 mL alone or plus 200 mL Safari® 750 EC<br>OR<br>315 mL alone or plus 300 mL Safari® 750 EC |  |
|   | March-May   |                                       | Qld, NSW,<br>ACT, Vic, SA,<br>WA only  |  |
| Limebush  | Any time of year with good leaf cover and soil moisture | Qld, NT only                          | 145 mL plus 140 mL Safari® 750 EC  | Penetration of thick clumps may be difficult and respraying may be required. Addition of an adjuvant may improve results contact Adama for details.  |
|   |   | Qld only                              | 405 mL plus 625 mL Adama 2,4-D Amine 625   | Thorough coverage to point of run-off.   |
| Lion Tail<br>( <i>Leonatis nepetifolia</i> )  | Pre-flowering   | Qld only                              | 85 mL plus 80 mL Safari® 750 EC  | Apply as a thorough foliar spray. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.  |
| Manuka  | At flowering  | Vic only                              | 210 mL plus 200 mL Safari® 750 EC  | For optimum results, add Pulse* Penetrant at 200 mL/100 L of spray. Thoroughly wet foliage, stems and soil around the base of the plants.  |
| Mayne's Pest  |   | Qld only                              | 190 mL plus 290 mL Adama 2,4-D Amine 625   | Thorough coverage essential.   |

| <b>AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY</b> |  |                                 |   |   |
|--|--|---------------------------------|---|---|
| <b>WEEDS</b>   | <b>WEED GROWTH CONTROLLED</b>                    | <b>STATE</b>                    | <b>RATE/100 L WATER</b>   | <b>CRITICAL COMMENTS</b>  |
| Mesquite<br>( <i>Prosopis</i> spp.)<br><i>Prosopis velutina</i>  | Seedling, full leaf and flowering before podding | Qld, NSW, ACT, WA, NT only      | 145 mL plus 140 mL Safari® 750 EC                                   | DO NOT spray plants bearing pods. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.   |
|  |  | Qld only                        | 280 mL plus 270 mL Safari® 750 EC                                   |   |
| Mistflower   | Spring to Autumn                                 | Qld, NSW, ACT only              | 145 mL plus 140 mL Safari® 750 EC                                   | Apply as a thorough foliar spray.   |
|  |  | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus 310 mL Adama 2,4-D Amine 625                            |   |
| Mother-of-millions   | Flowering  | Qld, NSW, ACT only              | 210 mL plus 200 mL Safari® 750 EC                                   | Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results  |
| Onion Weed   | Pre-flower                                       | Vic, SA only                    | 25 mL plus 35 mL Adama 2,4-D Amine 625 plus 125 mL diquat (200 g/L) |   |
| Ox-eye Daisy   | Up to early flowering                            | Vic only                        | 45 mL plus 70 mL Adama 2,4-D Amine 625                              |   |
| Paddy's Lucerne  | Active growth                                    | NSW, ACT Only                   | 210 mL plus 200 mL Safari® 750 EC                                   | Plants that have been continually slashed or grazed over many seasons may be difficult to control and regrowth may occur.                             |
| Pampas Lily-of-the-valley  |  | Vic, SA only                    | 205 mL plus 310 mL Adama 2,4-D Amine 625                            |   |
| Parkinsonia  | Under 2 m tall                                   | Qld, WA, NT only                | 145 mL plus 140 mL Safari® 750 EC                                   | Add Uptake* Spraying Oil at 500 mL/100 L water. Avoid spraying under dry conditions when plants are stressed or bearing pods. Thoroughly wet foliage. |
| Parthenium Weed  | During rosette stage                             | Qld, NSW, ACT only              | 40 mL plus 60 mL Adama 2,4-D Amine 625                              | Use at least 3000 L diluted spray/ha in dense Parthenium.   |
| Paterson's Curse (Salvation Jane)  | Rosette to pre-flowering                         | Qld, NSW, ACT, Vic, SA, WA Only | 45 mL plus 70 mL Adama 2,4-D Amine 625                              |   |
| Prairie Ground Cherry  | Flowering to fruiting                            | Vic only                        | 95 mL plus 145 mL Adama 2,4-D Amine 625                             | Retreatment will be necessary.  |
| Prickly Pear (common), Smooth Tree Pear  | Active phyllode growth                           | All States                      | 210 mL plus 200 mL Safari® 750 EC                                   | Apply as a thorough foliar spray. Regrowth may occur, so a follow- up application may be necessary.   |
| Quena (Tomato Weed)  |  | Qld, NSW, ACT, Vic, SA, WA Only | 205 mL plus 310 mL Adama 2,4-D Amine 625                            |   |
| Ragwort  | Rosette to cabbage stage                         | Qld, NSW, ACT, Vic, WA only     | 95 mL plus 145 mL Adama 2,4-D Amine 625                             |   |
|  |  | SA only                         | 45 mL plus 70 mL Adama 2,4-D Amine 625                              |   |

| <b>AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY</b> |   |                                 |   |  |
|--|---|---------------------------------|---|--|
| <b>WEEDS</b>   | <b>WEED GROWTH CONTROLLED</b>                                   | <b>STATE</b>                    | <b>RATE/100 L WATER</b>                                   | <b>CRITICAL COMMENTS</b>   |
| Rubber Vine<br>(Not infected with rust)  | Up to 1.5 m tall at flowering                                   | Qld, WA, NT only                | 145 mL plus<br>140 mL<br>Safari® 750 EC                   | Spray all leaves and stems just to the point of run-off and thoroughly spray the base of the plant. With larger, more dense stands, regrowth may occur. Subsequent control of any regrowth should be done by basal bark spraying.                          |
|  | Dense stands greater than 1.5 m tall at flowering               |                                 | 210 mL plus<br>200 mL<br>Safari® 750 EC                   |  |
|  | All stages  | Qld only                        | 405 mL plus<br>625 mL Adama<br>2,4-D Amine 625            | Thoroughly wet leaves and soil around the base of the plant. Cut and spray stump of large plants. See GENERAL INSTRUCTIONS, APPLICATION section.   |
| Siam Weed  | Active growth   | Qld, WA only                    | 145 mL plus<br>140 mL<br>Safari® 750 EC                   | Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.  |
| St John's Wort   | From flowering to early seed set                                | All States                      | 210 mL plus<br>200 mL<br>Safari® 750 EC                   | Late Spring to early Summer.   |
|  | Late Spring to early Summer, during flowering to early seed set | Qld, NSW, ACT, Vic, SA only     | 155 mL plus<br>240 mL Adama<br>2,4-D Amine 625            | High Volume: Apply by calibrated handgun with D5 or D6 (2-3 mm) nozzle plate and operated at 400- 500 kpa (60-70 psi). Apply 3000 L/ha (i.e. 3 L/10 square metres) to dense infestations.<br>Regrowth and seedlings may be retreated the following season. |
| Sicklepod  | Up to flowering   | Qld, WA, NT only                | 85 mL plus<br>80 mL<br>Safari® 750 EC                     | DO NOT apply to podding plants.<br>Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.   |
|  |   | Qld, NT only                    | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625             | See also Sugarcane in Table 2. In pastures a repeat spray may be necessary for control of subsequent seedling germination.   |
| Silverleaf Nightshade  |   | NSW, ACT, Vic, SA only          | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625            |  |
| Skeleton Weed  | Summer and Autumn   | Qld, NSW, ACT, WA only          | 405-625 mL plus<br>625-960 mL<br>Adama<br>2,4-D Amine 625 |  |
|  | Winter  | Vic, SA only                    | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625            | See "Winter Cereals" in Table 1.   |
| Smart Weed   | Seedling to pre-flowering                                       | Qld, NSW, ACT, Vic, SA, WA only | 45 mL plus<br>70 mL Adama<br>2,4-D Amine 625              |  |
| Spiny Broom  | During full leaf stage  | Vic only                        | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625            |  |
| Spiny Emex (Doublegee)   |   | Qld, NSW, ACT, Vic only         | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625             | See "Winter Cereals" in Table 1.   |
| Star Thistle   | Seedling to rosette   | Qld, NSW, ACT, Vic, SA, WA only | 95-155 mL plus<br>145-240 mL<br>Adama<br>2,4-D Amine 625  | Use higher rates for older plants.   |
| Sweet Briar (Rosa rubiginosa)  | Up to 1.5 m tall  | All States                      | 145 mL plus<br>140 mL<br>Safari® 750 EC                   | Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results. Full leaf to ripe fruit prior to leaf fall. Thorough wetting including the crown is recommended.   |
|  | Full leaf to ripe fruit   | Qld, NSW, ACT, Vic, SA, WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625            | Spray thoroughly.  |

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |  |                                       |  |   |
|---|--|---------------------------------------|--|---|
| WEEDS   | WEED GROWTH CONTROLLED                   | STATE                                 | RATE/100 L WATER                                       | CRITICAL COMMENTS   |
| Tangled Hypericum   |  | Vic only                              | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625         |   |
| Thornapple<br>( <i>Datura</i> spp.)   |  | Qld, NSW,<br>ACT only                 | 45-95 mL plus<br>70-145 mL<br>Adama<br>2,4-D Amine 625 | Use higher rates for older plants.  |
| Tobacco Weed  | Actively growing plants                  | Qld, WA,<br>NT only                   | 125 mL plus<br>120 mL<br>Safari® 750 EC                | Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results. |
| Tree-of-Heaven  | Plants during full leaf up to 1.5 m high | Qld, NSW,<br>ACT, Vic, SA,<br>WA only | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625         |   |
| Tufted Honeyflower  | All growth stages                        | Vic only                              | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625         |   |
| Tutsan  | During leaf fall                         | Vic only                              | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625         | Results can be variable.  |
| Variagated Thistle  | Rosette to pre-flowering                 | Qld, NSW,<br>ACT, Vic, SA,<br>WA only | 45-95 mL plus<br>70-145 mL<br>Adama<br>2,4-D Amine 625 | Use higher rate on mature plants. See "Winter Cereals" in Table 1.        |
| Wattle<br>( <i>Acacia</i> spp.)<br>(except Corkwood Wattle)                                       | 1 to 3 m tall                            | All States                            | 145 mL plus<br>140 mL<br>Safari® 750 EC                |   |
| Wild Rosemary<br>( <i>Cassinia laevis</i> )   | Active growth,<br>0.5 to 1.0 m tall      | Qld only                              | 145-210 mL plus<br>140-200 mL<br>Safari® 750 EC        | Use lower rate on seedlings 0.5 tall. Apply as a thorough foliar spray.   |
| Wild Tobacco Tree   | Spring to Autumn up to 2 m tall          | Qld, NSW,<br>ACT only                 | 145 mL plus<br>140 mL<br>Safari® 750 EC                |   |
|   | During full leaf                         | Qld only                              | 205 mL plus<br>310 mL Adama<br>2,4-D Amine 625         |   |

**Table 5: Boom Application for use with Safari® 750 EC or 2,4-D Amine 625**

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |  |                                       |  |                                    |
|---|--|---------------------------------------|--|------------------------------------|
| WEEDS   | WEED GROWTH CONTROLLED                 | STATE                                 | RATE/ha  | CRITICAL COMMENTS                  |
| Alkali Sida   | Pre-flowering                          | Qld, NSW,<br>ACT, Vic, SA,<br>WA only | 1.1 L plus<br>1.7 L Adama<br>2,4-D Amine 625   |                                    |
| <i>Amaranthus</i> spp.  |  | Qld, NSW,<br>ACT only                 | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625 | See Fallow Land Table 2.           |
| Amsinckia (Yellow Burr Weed)  | During rosette stage                   | Vic, SA only                          | 625 mL plus<br>960 mL Adama<br>2,4-D Amine 625 |                                    |
| Annual Ground Cherry  |  | Qld, NSW,<br>ACT only                 | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625 |                                    |
| Artichoke Thistle   | Late Winter to Spring before flowering | Vic only                              | 2.35 L plus<br>3.6 L Adama<br>2,4-D Amine 625  |                                    |
|   |  | SA only                               | 780 mL plus<br>1.2 L Adama<br>2,4-D Amine 625  | SA – Use double rate at flowering. |

| <b>AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY</b> |                                      |                                 |  |  |
|--|--------------------------------------|---------------------------------|--|--|
| <b>WEEDS</b>   | <b>WEED GROWTH CONTROLLED</b>        | <b>STATE</b>                    | <b>RATE/ha</b>   | <b>CRITICAL COMMENTS</b>   |
| Bathurst Burr, Bellvine  |                                      | Qld, NSW, ACT only              | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625           | See Summer Cereals Table 2.  |
| Bindweed   | During budding                       | Qld, NSW, ACT, Vic, SA, WA only | 2.35 L plus<br>3.6 L Adama 2,4-D Amine 625               |  |
| Bladder Ketmia   |                                      | Qld, NSW, ACT only              | 95 mL plus<br>520 mL Adama<br>2,4-D Amine 625            |  |
| Borreria (Square Weed)   | Flowering to fruiting                | Qld only                        | 315-780 mL plus<br>480 mL-1.2 L Adama<br>2,4-D Amine 625 | Use higher rate on older plants. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results. |
| Caltrop (Yellow Vine)  |                                      | Qld, NSW, ACT only              | 95 mL plus<br>520 mL Adama<br>2,4-D Amine 625            |  |
| Camel Thorn  |                                      | Vic only                        | 9.4 L plus<br>14.4 L Adama<br>2,4-D Amine 625            |  |
| Climbing Buckwheat (Black Bindweed)  | Early growth stage                   | Qld, NSW, ACT only              | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625            | See Winter Cereals Table 1.  |
| Cobbler's Peg  |                                      |                                 | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625           |  |
| Fat Hen  |                                      |                                 |  | See Fallow Land Table 2.   |
| Galenia  | Fresh growth during Spring to Summer | NSW, ACT only                   | 2.1 L plus 2.0 L Safari® 750 EC                          | Rough mine sites will require adequate spray equipment such as boomless nozzles for effective coverage.    |
| Garlic, Wild   | Before new bulbils form              | Vic only                        | 2.35 L plus<br>3.6 L Adama<br>2,4-D Amine 625            |  |
|  |                                      | SA only                         | 1.7 L plus<br>2.65 L Adama<br>2,4-D Amine 625            |  |
| Golden Thistle   | Seedling and rosette stage           | Qld, NSW, ACT, SA, WA only      | 1.1 L plus<br>1.7 L Adama<br>2,4-D Amine 625             |  |
|  |                                      | Vic only                        | 1.25 L plus<br>1.9 L Adama<br>2,4-D Amine 625            |  |
| Heliotrope, Common   |                                      | Qld, NSW, ACT only              | 95 mL plus<br>145 mL Adama<br>2,4-D Amine 625            |  |
| Hexham Scent   |                                      |                                 | 95 mL plus<br>520 mL Adama<br>2,4-D Amine 625            | See Winter Cereals Table 1.  |
| Knapweed, Creeping   | During late Spring to Summer         | Vic only                        | 2.35 L plus<br>3.6 L Adama<br>2,4-D Amine 625            |  |
| Lucerne  |                                      | Qld, NSW, ACT only              | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625           |  |
| Mexican Poppy  |                                      |                                 |  |  |
| Mintweed   |                                      |                                 | 95 mL plus<br>520 mL Adama<br>2,4-D Amine 625            | See Winter Cereals Table 1.  |
| Morning Glory  |                                      | Qld only                        | 315 mL plus<br>480 mL Adama<br>2,4-D Amine 625           |  |
| Mustards   |                                      | Qld, NSW, ACT only              | 95 mL plus<br>520 mL Adama<br>2,4-D Amine 625            |  |

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |                          |                        |   |  |
|---|--------------------------|------------------------|---|--|
| WEEDS   | WEED GROWTH CONTROLLED   | STATE                  | RATE/ha   | CRITICAL COMMENTS  |
| New Zealand Spinach   |                          | Qld, NSW, ACT only     | 315 mL plus 480 mL Adama 2,4-D Amine 625                          | See Fallow Land Table 2.   |
| Noogoora Burr   |                          |                        |   |  |
| Onion Weed  | Pre-flower               | Vic, SA only           | 625 mL plus 960 mL Adama 2,4-D Amine 625 plus 3L Diquat (200 g/L) |  |
| Ox-eye Daisy  | Up to early flowering    | Vic only               | 315 mL plus 480 mL Adama 2,4-D Amine 625                          | Respraying will be necessary.  |
| Parthenium Weed   | During rosette stage     | Qld, NSW, ACT only     | 940 mL plus 1.45 L Adama 2,4-D Amine 625                          | See Fallow Land Table 2.   |
| Paterson's Curse (Salvation Jane)   | Rosette to pre-flowering | SA only                | 1.25 L plus 1.9 L Adama 2,4-D Amine 625                           |  |
| Pigweed, Black  |                          | Qld, NSW, ACT only     | 315 mL plus 480 mL Adama 2,4-D Amine 625                          |  |
| Potato Weed   |                          |                        |   |  |
| Prairie Ground Cherry   | Flowering to fruiting    | Vic only               | 2.35 L plus 3.6 L Adama 2,4-D Amine 625                           | Retreatment will be necessary.   |
| Radish Wild   |                          | Qld, NSW, ACT only     | 95 mL plus 520 mL Adama 2,4-D Amine 625                           | See Winter Cereals Table 1.  |
| Ragwort   | Rosette to cabbage stage | Qld, NSW, ACT, WA only | 1.1 L plus 1.68 L Adama 2,4-D Amine 625                           |  |
|   |                          | Vic, SA only           | 1.25 L plus 1.9 L Adama 2,4-D Amine 625                           |  |
| Redroot ( <i>Amaranthus</i> spp.)   |                          | Qld, NSW, ACT only     | 315 mL plus 480 mL Adama 2,4-D Amine 625                          | See Fallow Land Table 2.   |
| Redshank  |                          |                        |   |  |
| Saffron Thistle   |                          |                        | 95 mL plus 145 mL Adama 2,4-D Amine 625                           | See Winter Cereals Table 1.  |
| Sesbania Pea  |                          |                        | 315 mL plus 480 mL Adama 2,4-D Amine 625                          | See Fallow Land Table 2.   |
| Sicklepod   | Up to flowering          | Qld, NT only           | 1.25 L plus 1.2 L Safari® 750 EC                                  | DO NOT apply to podding plants. Add Wetspray® 1000 at the rate of 100 mL/100 L of water for best results.                  |
|   |                          |                        | 220-470 mL plus 1.1-1.5 L Adama 2,4-D Amine 625                   | See also Sugarcane in Table 2. In pastures a repeat spray may be necessary for control of subsequent seedling germination. |
| Silverleaf Nightshade   |                          | NSW, ACT, Vic, SA only | 4.7 L plus 7.2 L Adama 2,4-D Amine 625                            |  |
| Skeleton Weed   | Summer and Autumn        | Qld only               |   | See Winter Cereals Table 1.  |
|   | Winter                   | Vic only               |   |  |
|   |                          | SA only                | 95 mL plus 520 mL 2,4-D Amine 625                                 |  |
|   | Summer and Autumn        | NSW, ACT, WA only      | 4.7-6.9 L plus 7.2-10.5 L Adama 2,4-D Amine 625                   |  |

| <b>AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY</b> |                                       |                    |   |  |                                   |
|--|---------------------------------------|--------------------|---|--|-----------------------------------|
| <b>WEEDS</b>   | <b>WEED GROWTH CONTROLLED</b>         | <b>STATE</b>       | <b>RATE/ha</b>                                  | <b>CRITICAL COMMENTS</b>   |                                   |
| Sowthistle   | During full leaf stage                | Qld, NSW, ACT only | 95 mL plus<br>145 mL<br>2,4-D Amine 625         | See Winter Cereals Table 1.  |                                   |
| Spiny Emex (Doublegee)   |                                       |                    |   |  |                                   |
| St John's Wort   | Flowering to early seed set (Nov-Jan) | NSW, ACT only      | 835-1665 mL plus 0.8 -1.6 L Safari® 750 EC      | Use the higher rate on dense infestations and when longer residual control is required. Follow-up respraying will be required in the following |                                   |
| Star Thistle   | Seedling to rosette                   | Qld, NSW, ACT only | 1.1-2.35 L plus 1.7-3.6 L Adama 2,4-D Amine 625 | Use higher rate for older plants.  |                                   |
| Stinking Roger   |                                       |                    | 315 mL plus 480 mL Adama 2,4-D Amine 625        | See Fallow Land Table 2.   |                                   |
| Sunflower  |                                       |                    | 95 mL plus 520 mL Adama 2,4-D Amine 625         | See Winter Cereals Table 1.  |                                   |
| Thornapple ( <i>Datura</i> spp.)   |                                       |                    | 315 mL plus 480 mL 2,4-D Amine 625              | See Fallow Land Table 2.   |                                   |
|  |                                       |                    | Qld only  | 155 mL plus 520 mL Adama 2,4-D Amine 625   | See Summer Cereals Table 2.       |
| Turnip Weed  |                                       |                    | Qld, NSW, ACT only                              | 95 mL plus 520 mL Adama 2,4-D Amine 625  | See Winter Cereals Table 1.       |
| Variegated Thistle   | Rosette to pre-flowering              |                    | Vic, SA, WA only                                | 625 mL-1.25 L plus 960 mL-1.92 L Adama 2,4-D Amine 625   | Use higher rate on mature plants. |
|  |                                       | Qld, NSW, ACT only | 95 mL plus 520 mL Adama 2,4-D Amine 625         | See Winter Cereals Table 1.  |                                   |
| Wandering Jew  |                                       |                    | 315 mL plus 480 mL Adama 2,4-D Amine 625        |  |                                   |
| Wireweed   |                                       |                    | 95 mL plus 520 mL Adama 2,4-D Amine 625         | See Winter Cereals in Table 1.   |                                   |

**Table 6: Aerial Application for use with Safari® 750 EC and/or Adama 2,4-D Amine 625**

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |   |  |  |  |
|---|---|--|--|--|
| WEEDS   | WEED GROWTH CONTROLLED                    | STATE                                    | RATE/ha  | CRITICAL COMMENTS  |
| Blackberry  | Summer to Autumn                          | Qld, NSW, ACT, Vic, SA, WA only          | 4.2 L plus 3.9 L Safari® 750 EC                                  | Where herbicides other than Group 4 herbicides have been used, allow two seasons regrowth to occur before respraying with Picoflex®.<br><b>Warning:</b> Eucalyptus species up to 4 may be killed if sprayed during this treatment. Mature trees which are 15 - 200 m tall may be partially defoliated but are likely to recover. |
| Gorse   |   | Tas only                                 |  | Helicopter application only.   |
| Cockspur Thorn, Crofton Weed, Lantana, Mistflower   | Late Autumn                               | Qld, NSW, ACT, NT only (helicopter only) | 625 mL plus 600 mL Safari® 750 EC plus 6 L Adama 2,4-D Amine 625 | Spray with calibrated equipment using the half overlap opposite pass technique applying a minimum spray volume of 150 L/ha.<br><b>Follow-up respraying will be required.</b>   |
| Lantana   |   |  | 4.2 L plus 3.9 L Safari® 750 EC                                  | Helicopter application only.   |
| Rubber Vine (Not infected with rust)  | When flowering                            | Qld, NT only (helicopter only)           | 1.25-2.1 L plus 1.2-2.0 L Safari® 750 EC                         | Use rates will depend upon the density and height of the Rubber Vine stand. The higher rate should be used on dense stands, however, complete coverage and penetration may be difficult.<br>Follow-up respraying will be required. Any regrowth should be sprayed with a suitable basal bark herbicide.                          |
| St John's Wort  | Flowering to early seed set (Nov-Jan)     | NSW, ACT only                            | 1.7 L plus 1.6 L Safari® 750 EC                                  | Helicopter application only. Follow-up spraying will be required in the following season.  |
| Parkinsonia   | Seedlings 1-2 m tall, or 12-24 months old | Qld, NT only (helicopter only)           | 1.25 L plus 1.2 mL Safari® 750 EC                                | Add Uptake* Spraying Oil at 1 L/ha.  |

**Table 7: Controlled Droplet Application (for use with Safari® 750 EC)**

See GENERAL INSTRUCTIONS – APPLICATION section for application method details

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |                        |            |   |  |
|---|------------------------|------------|---|--|
| WEEDS   | WEED GROWTH CONTROLLED | STATE      | RATE  | CRITICAL COMMENTS  |
| Blackberry in association with: Docks, Ragwort, St John's Wort, Thistles                          | Summer to Autumn       | All States | For each 1 L of water add 415 mL plus 400 mL Safari® 750 EC | One application may give satisfactory control but subsequent regrowth and seedlings should be re-sprayed after hardening off. Where herbicides other than Group 4 herbicides have been used, allow two seasons regrowth to occur before respraying with Picoflex® plus Safari® 750 EC. |



**Table 8: Low Volume High Concentration Application techniques (Gas Powered Gun, Sprinkler Sprayer) for use with Safari® 750 EC**

See GENERAL INSTRUCTIONS – APPLICATION section for application method details

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |                                     |                                 |                                   |  |
|---|-------------------------------------|---------------------------------|-----------------------------------|--|
| WEEDS   | WEED GROWTH CONTROLLED              | STATE                           | RATE 10 L WATER                   | CRITICAL COMMENTS  |
| Blackberry  | Late Spring to Autumn               | Qld, NSW, ACT, Tas, SA, WA only | 140 mL plus 140 mL Safari® 750 EC | Apply to actively growing bushes which are able to be sprayed on all sides. For larger bushes, the high volume application technique is recommended. |
| Camphor Laurel, Cockspur Thorn, Crofton Weed  | Less than 1.5 m high                | Qld, NSW, ACT only              | 210 mL plus 140 mL Safari® 750 EC |  |
| Eucalyptus species  | Seedlings up to 2 m tall            | All States                      | 140 mL plus 140 mL Safari® 750 EC |  |
| Mistflower  | Less than 1.5 m high                | Qld, NSW only                   | 210 mL plus 140 mL Safari® 750 EC | <b>Gas Powered Gun only:</b> Apply to actively growing bushes not more than 1.5 m tall that have not more than 5 stems from the crown.               |
| Sweet Briar   | 1.5 m tall, full leaf to ripe fruit | NSW, ACT only                   |                                   |  |
| St John's Wort  | During flowering to early seed set  | NSW, ACT, Vic, Tas only         |                                   |  |
| Wild Tobacco Tree   | Less than 1.5 m high                | Qld, NSW, ACT only              | 210 mL plus 140 mL Safari® 750 EC | Apply to actively growing bushes which are able to be sprayed on all sides. For larger bushes, the high volume application technique is recommended. |

**Table 9 Blanket Wiper Application for use with Safari® 750 EC**

See GENERAL INSTRUCTIONS – APPLICATION section for application method details

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |                              |          |  |  |
|---|------------------------------|----------|--|--|
| WEEDS CONTROLLED  | WEED GROWTH CONTROLLED       | STATE    | RATE   | CRITICAL COMMENTS  |
| Bitterbark ( <i>Alstonia constricta</i> )   | From Summer to end of Autumn | Qld only | For each 1 L of water add 85 mL plus 80 mL Safari® 750 Or use 2% solution for spot spray (e.g. 100 mL solution to 5 L water) | For use with blanket wipers only. For best results apply in Autumn to tall (>60 cm) plants using two opposite directional passes (up and back). Follow up "missed" plants with a spot spray application. These will be obvious after 6 weeks. Blanket wiper applications can be made in Summer when plants are smaller but follow up spot spraying may be necessary. DO NOT disturb (cultivate) the treated patches for at least 3 months. Best long term control is achieved when patches are left undisturbed for as long as possible after treatment (at least 6 months). Spot Spraying "missed" plants: thoroughly wet all stems and leaves without producing any solution run-off. Avoid any spray reaching the soil surface. |

**Table 10 Stem Injection Application**

**Dilute Rate: For each 1 L of water add 185 mL Picoflex® plus 280 mL Adama 2,4-D Amine 625**

See GENERAL INSTRUCTIONS – APPLICATION section for application method details

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |   |                            |                                  |   |
|---|---|----------------------------|----------------------------------|---|
| WEEDS CONTROLLED  | WEED GROWTH CONTROLLED                  | STATE                      | APPLICATION RATE                 | CRITICAL COMMENTS   |
| <i>Eucalyptus</i> spp.  | Seedling regrowth no more than 2 m high | Qld, NSW, Vic, SA, WA only | 2 mL of diluted chemical per cut | Most timber regrowth can be controlled by cut stump application.        |
| Zamia Palm  | Anytime                                 | Qld only                   | -                                | Inject 1 mL into growing point for every 2.5 cm of plant stem diameter. |

**Table 11 Cut Stump Application**  
**Rate: Mix 1 part Picoflex® with 4 parts Adama 2,4-D Amine 625**

See GENERAL INSTRUCTIONS – APPLICATION section for application method details

| AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FORESTS, PASTURES AND RIGHTS-OF-WAY |   |                            |                 |  |
|---|---|----------------------------|-----------------|--|
| WEEDS CONTROLLED  | WEED GROWTH CONTROLLED                  | STATE                      | RATE/10 L WATER | CRITICAL COMMENTS  |
| <i>Eucalyptus</i> spp.  | Seedling regrowth no more than 2 m high | Qld, NSW, Vic, SA, WA only | 500 mL          | Most timber regrowth can be controlled by cut stump application. |
| Hawthorn  | During full leaf                        | Vic only                   | Undiluted       | Apply undiluted to freshly cut stump.                            |
| Tree of Heaven  |   | Qld, NSW, Vic, SA, WA only |                 |  |

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

**IN TASMANIA FOR BLACKBERRY: DO NOT TREAT BUSHES CARRYING MATURE OR NEAR MATURE FRUIT.**

**FOR NATIVE VEGETATION: The use of Picoflex® plus Safari® 750 EC on native vegetation must be done in accordance with STATE and/or LOCAL legislation.**

#### WITHHOLDING PERIODS

##### TANKMIX WITH ADAMA MCPA 750:

**DO NOT GRAZE OR CUT CROPS OR PASTURES FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

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

##### TANKMIX WITH ADAMA 2,4-D AMINE 625:

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

**DO NOT GRAZE OR CUT CROPS (EXCEPT SUGAR CANE) OR PASTURES FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**SUGAR CANE: DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION.**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION.**

##### TANKMIX WITH SAFARI® 750 EC:

**NOT REQUIRED WHEN USED AS DIRECTED.**

#### GENERAL INSTRUCTIONS

##### MIXING

Picoflex® Herbicide should be mixed in water only. Mix only sufficient chemical for each days use and avoid storing mix. Half fill the spray tank with water and add the required quantity of Picoflex® Herbicide and complete filling. Agitate continuously to ensure thorough mixing before and during application. Tank mixtures: Wettable powder or dry flowable formulations (e.g. water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts (e.g. Picoflex®, Adama MCPA 750, Adama 2,4-D Amine 625) and then emulsifiable concentrate formulations (e.g. Flagship®). Add spraying oils and surfactants (wettters) last, if required.

##### APPLICATION

Picoflex® may be applied by:

**1. Ground Boom:** DO NOT apply with smaller than COARSE to VERY COARSE spray droplets according to the ASABE S572 definition for standard nozzles.

Spray using accurately calibrated equipment delivering 50-100 L water/ha. DO NOT use less than 200 L/ha in sugarcane. When treating maize and sorghum, the risk of crop injury will be reduced if dropper nozzles are used to avoid spraying the growing point of the crop. Set the boom at a height to ensure a double overlap of the nozzle pattern. Misting machines and boomjet sprayers should not be used for treating crops.

**For use with Safari® 750 EC (Table 3, Table 5):** Application in a minimum spray volume of 200 L/ha for galenia and St John's Wort and 600 L of water/ha for sicklepod. For use in fallow a minimum spray volume of 50 L/ha is recommended. Boom height must be set to ensure double overlap of nozzle patterns.

**2. Aerial Application:** DO NOT apply Picoflex® by aircraft when wind speed is less than 3 kilometres per hour or greater than 15 km/hr as measured at the application site and/or the air

temperature is above 30°C, or when the wind is blowing towards susceptible crops, or when there is no wind. Use accurately calibrated equipment to deliver not less than 20 L water/ha. DO NOT use less than 50 L/ha in sugarcane.

**For use with Safari® 750 EC (Table 6):** Apply in 200 L water/ha using an aircraft to apply 100 L per pass on a double overlap pattern.

**3. High Volume Application:** Apply using a calibrated handgun with D5 or D6 (2-3 mm) nozzle plate and operated at 400-500 kPa. Spray to thoroughly wet the weed, usually 2,500-3,500 L water/infested ha is required.

##### **For use with Safari® 750 EC – Woody Weeds Situations**

**(Table 4):** Weeds need to be actively growing for herbicides to have an optimal effect. Delay treatment until regrowth has had time to grow to approximately 1 metre in situations which have been bulldozed, slashed, burnt, ploughed or areas having previous chemical treatment.

**High volume spraying:** Thorough coverage of foliage to the point of runoff is essential, however, avoid excess spraying which is wasteful of chemical.

**Hand Gun:** Apply the recommended mix to give full coverage of leaves and stems through a No. 6 to 8 tip at 700 to 1500 kPa (400 - 500 kPa for St John's Wort). A spray volume of 3000 - 4000 L per infested hectare of 1 - 2 metre high blackberry (30 - 40 L/100 m<sup>2</sup>) should be used. Use 2000 L of spray mixture/ha of galenia infestation (i.e. 20 L/100 m<sup>2</sup> infested area).

**Knapsack:** Apply the recommended spray mix to give full coverage of leaves and stems. The final volume of application should be similar to handgun.

A spray volume of 3 - 4 L/10 m<sup>2</sup> infested area should be used.

A spray volume of 2 L/10 m<sup>2</sup> should be used for an infested area infested with galenia.

**4. Controlled Droplet Application (Table 7):** Results similar to high volume spraying can be obtained using Micron Herbi\* or similar equipment. Select a nozzle to give a flow rate of 2 mL/sec and sweeping action to approximately 1 m/sec to ensure a droplet density to 20/cm<sup>2</sup>. Use a marking agent, as recommended by the equipment manufacturers, to check the spray coverage. Also, consult directions provided with CDA unit.

**5. Low Volume High Concentrate Application Techniques (Table 8):** Good control will be achieved, similar to high volume application, where bush size enables good coverage of entire bush. Use a marking agent, as recommended by equipment manufacturers to check spray coverage.

**Gas powered gun:** Apply shots to obtain uniform coverage of 4 - 5 m<sup>2</sup> of surface area of bush. This relates to 20 droplets/cm<sup>2</sup> of leaf surface.

**Sprinkler Sprayer:** This technique involves using a micro sprinkler that is connected to a hollow fibre glass rod attached to a pneumatic knapsack sprayer. Use at low pressures (50 to 200 kPa) and apply with a slow seeping action over the top of the plants ensuring even coverage over the leaves.

**6. Blanket Wiper Application (Table 9):** Blanket needs to be made from durable and wettable material with a rigid backing. Blanket should be rigidly mounted behind motorised vehicle (e.g. tractor, 4-wheel drive vehicle) and set low but never touching the ground. The chemical solution should be fed to the blanket at a flow rate sufficient to keep the blanket wet but not dripping. In thick patches the blanket may require more frequent solution recharge (rewetting). Ideally, a scraper bar should be mounted in front of the blanket in order to scrape or damage the bark (but not sever the stems) prior to the blanket wiping the stems. This scraper may be mounted at the front of the vehicle. Two passes (in opposite direction) with the blanket increases the contact with the plant. Ground speeds of 10-15 km/h are ideal for blanket wiping application.

**7. Stem Injection (Table 10):** Treat only trees with good sap flow.

Make injection cuts at 13 cm spacing around the diameter of the tree at waist height or at 15 cm spacing at ground level. The cuts should be made using a 5 to 7 cm wide narrow bladed axe. The cut must be made through the bark and deep enough to place all the chemical in contact with the sap wood. Treat each stem of a multistem tree where possible. Inject the chemical mix into each cut immediately after the cut is made. Apply the mix with a vaccinator or similar equipment which can be accurately calibrated or a tree injector which can apply the measured dose at or near ground level. Injection at or near ground level is essential in the Traprock area of south-eastern Queensland and is preferred for optimum results in Bimble Box (Poplar Box) areas.

**Frilling:** Make successive overlapping cuts into the sapwood around the entire circumference of the base of the tree. Spray to thoroughly wet the frilled area. Injecting spray into centre of weed. Inject using a vaccinator or similar equipment, 1 mL of treatment mix into the growing point for each 2.5 cm of the plant stem diameter. (See Zamia Palm).

**8. Cut Stump Application (Table 11):** Cut the trees as close to the ground as practicable, leaving stumps no higher than 10 cm. Spray, swab or brush the chemical mix immediately to the freshly cut surface so as to thoroughly wet the surface. If the cut surface is oily, add a non-ionic wetting agent to assist penetration.

#### COMPATIBILITY

Picoflex® Herbicide is compatible with the following: (Read and follow all label directions, restraints, plant-back periods, withholding periods and safety directions on the partner label as well as those on the Picoflex® label.)

**Broadleaf Herbicides:** Farnozine®, diquat, metosulam, Bronco® 400, Victory®, Victory® 750 SG, Vortex®, Adama MCPA 750, Adama LVE MCPA 570, Lynx® WG, Flagship®, Flagship® 400, Adama 2,4-D Amine 625, Zulu® Evo, Zulu® XT, Safari® 600 EC, Safari® 750 EC, Wipe-Out® 450, Wipe-Out® Pro.

**Grass Herbicides:** Rhino® (Annual Ryegrass only), Mandate® (Wild Oats and Phalaris only).

**Adjuvants:** Wetspray® 1000, Uptake\* Spraying Oil (when mixed with Mandate®).

**Insecticides:** Orbit® and Adama Dimethoate.

Picoflex® is not compatible with zinc products (such as zinc dextrose and zinc heptahydrate), copper salts (such as copper sulphate) and manganese sulphate. DO NOT use with hard water or water clarified with alum.

For compatibility information on products not listed above, please contact Adama Australia.

#### CLEANING SPRAY EQUIPMENT

**Rinsing:** After using Picoflex®, empty the spray completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain the spray unit, and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

**Decontamination:** Before spraying cotton and other sensitive crops with equipment that has been used to apply Picoflex® Herbicide (see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section). Wash the tank and rinse the system as above. Then quarter fill the tank and add a standard alkali based laundry detergent at 500 g (or mL)/100 L water and circulate throughout the system for at least 15 minutes. If using a concentrated laundry detergent use 250 g (or mL)/100 L water. DO NOT use chlorine based cleaner. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses.

#### RESISTANCE MANAGEMENT

Picoflex® Herbicide is a member of 

|       |          |           |
|-------|----------|-----------|
| GROUP | <b>4</b> | HERBICIDE |
|-------|----------|-----------|

 the pyridine group of herbicides. The product has a disrupters of plant cell growth mode of action. For weed resistance management Picoflex® Herbicide is a Group 4 Herbicide. Some naturally occurring weed biotypes resistant to the product and other Group 4 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 Picoflex® Herbicide or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Adama Australia representative.

#### PRECAUTION

Susceptible crops and plants can be damaged by soil residues during both growing and dormant periods. Minimum recropping periods are recommended to minimise risk of rotational crop injury. In the season following application of this product the regeneration or establishment of sensitive legumes (clover, medics, peas, lupins) may be adversely affected by soil residues.

#### MINIMUM RECROPPING PERIODS

- Picloram remains active in the soil for extended periods depending on rate of application, soil type, rainfall, temperature, humidity, soil moisture and soil organic matter.
- Note: Before using Picoflex® Herbicide in tank mixes with other herbicides, check the plant back period information on all product labels. The most residual product, i.e. the product with the longest plant back period, will determine the time between spraying and planting.
- The plantback periods listed below do not commence until all stubble residue has broken down.

**Rates of Picoflex® up to 110 mL/ha:****Northern New South Wales and Queensland**

Plant-back periods for rotational crops following application of Picoflex® at rates between 85-110 mL/ha on black cracking clay soils (Table below). These plant-back periods are based on a normal rainfall pattern. During drought conditions (or when rainfall is less than 100 mm for a period of 4 months after application) the plant-back period may be significantly longer.

| Winter Crop | Plant-back Period (months) | Summer Crop | Plant-back Period (months) |
|-------------|----------------------------|-------------|----------------------------|
| Wheat       | 2                          | Sorghum     | 2                          |
| Barley      | 2                          | Cotton      | 12                         |
| Canola      | 4                          | Mung bean   | 12                         |
| Chickpea    | 6                          | Soybean     | 12                         |
| Faba bean   | 4                          |             |                            |
| Lucerne     | 9                          |             |                            |

**Western Australia and soil types not mentioned above**

DO NOT plant susceptible broadleaf crops within 12 months of applying the product. Cereal crops and grasses can be sown safely 2 months after using Picoflex® for in crop weed control.

**Rates of Picoflex® greater than 110 mL/ha:**

- DO NOT rotate susceptible plants until an adequately sensitive bioassay or chemical test shows that no detectable picloram is present in the soil.

**RE-ENTRY PERIOD**

DO NOT enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

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

Crops and plants susceptible to Picoflex® Herbicide include, but are not limited to clovers, medics, lucerne, lupins, navy beans, peas, soybeans and other legumes, cotton, flowers, hops, grape and kiwi fruit vines, ornamentals, potatoes, safflower, shade trees, sugar beet, tobacco, tomatoes, tree fruits and vegetables. Refer to Minimum Re-cropping Periods section for plant back periods.

This product will kill legumes (clovers, medics) present in the crop at the time of spraying.

DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted to desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing or to be planted to susceptible crops or plants.

DO NOT move soil, which may have been sprayed, to areas where susceptible crops or plants are to be grown.

Cereal crops may be reduced in height following use of this product. This height reduction is a normal response and does not represent any yield loss.

DO NOT apply Picoflex® Herbicide to crops or pastures, which are to be used for the production of compost or mulches for use with susceptible crops or plants. The use of straw, hay or other plant material treated with Picoflex® Herbicide for composting or mulching susceptible crops may damage these crops.

**Drift Warning**

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

Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

DO NOT use unless wind speed is more than 3 kilometres per hour and less than 15 kilometres per hour, as measured at the application site.

DO NOT apply with smaller than COARSE to VERY COARSE spray droplets according to the ASABE S572 definition for standard nozzles.

Equipment that has been used for application of Picoflex® Herbicide should not be used for application of other materials to susceptible plants until it has been decontaminated.

**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 direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site.

This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. DO NOT dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management site. The cap should not be replaced but may be taken separately. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

**110 L:**

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the container with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the container have been used, please return the container to the point of purchase. This container remains the property of Adama Australia.

**REFILLABLE CONTAINERS:**

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SAFETY DIRECTIONS**

May irritate the eyes. Avoid contact with eyes. Repeated exposure may cause allergic disorders. When opening the container and using the product wear cotton overalls buttoned to the neck and wrists, a washable hat and elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.

**FIRST AID INSTRUCTIONS**

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

**SDS**

Additional information is listed in the safety data sheet (SDS). A safety data sheet for Picoflex® Herbicide is available from adama.com or call Customer Service on 1800 423 262.

**CONDITIONS OF SALE:** The use of Picoflex® Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia accepts no responsibility for any consequence whatsoever from the use of this product.

**FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY****PHONE 1800 024 973****TOLL FREE - ALL HOURS - AUSTRALIA WIDE****NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.**

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