

Product Name: ALBAUGH ROMETSOL 600 WG Herbicide  
APVMA Approval No.: 93805/140542



|                         |   |
|-------------------------|---|
| Label Name:             | ALBAUGH ROMETSOL 600 WG Herbicide   |
| Signal Headings:        | KEEP OUT OF REACH OF CHILDREN<br>READ SAFETY DIRECTIONS BEFORE OPENING OR USING   |
| Constituent Statements: | ACTIVE CONSTITUENT: 600 g/kg METSULFURON METHYL   |
| Mode of Action:         | GROUP 2 HERBICIDE   |
| Statement of Claims:    | For the control of certain brush and broadleaf weeds in native pastures, rights of way, commercial and industrial areas, and for the control of certain broadleaved weeds in winter cereal crops grass pastures and pasture renovation as per the Directions for Use Table. |
| Net Contents:           | NET CONTENTS: 100 g - 1 kg  |
| Restraints:             | This section contains file attachment.  |
| Directions for Use:     | This section contains file attachment.  |

|                    |  |
|--------------------|--|
| Other Limitations: |  |
|--------------------|--|

|                      |   |
|----------------------|---|
| Withholding Periods: | <p>WITHHOLDING PERIODS:</p> <p>Cereals</p> <p>ALBAUGH ROMETSOL 600WG Herbicide only: NOT REQUIRED WHEN USED AS DIRECTED</p> <p>ALBAUGH ROMETSOL 600WG Herbicide mixtures:</p> <p>*Tank mixes Agtryne, MCPA 500, 2,4-D Amine 625, Tigrex, Tordon 242 or Terbutryn: DO NOT CUT OR GRAZE FOR STOCK FOOD FOR 7 DAYS AFTER TANK MIX APPLICATION.</p> <p>*Tank mixes with Bromicide MA: DO NOT CUT OR GRAZE FOR STOCK FOOD FOR 14 DAYS AFTER TANK MIX APPLICATION</p> <p>Pastures and other use situations: NOT REQUIRED WHEN USED AS DIRECTED.</p> |
|----------------------|---|

|               |  |
|---------------|--|
| Trade Advice: |  |
|---------------|--|

|                       |  |
|-----------------------|--|
| General Instructions: | This section contains file attachment. |
|-----------------------|--|

|                     |  |
|---------------------|--|
| Resistance Warning: | <p><b>RESISTANT WEEDS WARNING</b></p> <p><b>GROUP 2 HERBICIDE</b></p> <p>ALBAUGH ROMETSOL 600 WG Herbicide is a member of the Sulfonylureas group of herbicides. ALBAUGH ROMETSOL 600 WG Herbicide has the inhibitors of acetolactate synthase mode of action. For weed resistance management ALBAUGH ROMETSOL 600 WG Herbicide is a Group 2 herbicide. Some naturally occurring weed biotypes resistant to ALBAUGH ROMETSOL 600 WG Herbicide and other Group 2 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 ALBAUGH ROMETSOL 600 WG Herbicide or other Group 2 herbicides. Some populations of Annual Ryegrass and a few broadleaf weeds are already known to be resistant to ALBAUGH ROMETSOL 600 WG Herbicide and other ALS inhibitor herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, ALBAUGH ASIA PACIFIC LIMITED accepts no liability for any losses that may result from the failure of ALBAUGH ROMETSOL 600 WG Herbicide to control resistant weeds. To prevent, or at least minimise the risk of resistant weeds occurring, use ALBAUGH ROMETSOL 600 WG Herbicide in tank mixes (if appropriate) and/or rotations with herbicides having different modes of action effective on the same weed species. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors.</p> <p>DO NOT apply ALBAUGH ROMETSOL 600 WG Herbicide alone for fallow and pre-plant knockdown weed control.</p> <p>DO NOT make more than one application of an ALS inhibitor herbicide to a crop, either pre-plant, incorporated-by-sowing or post crop and weed emergence. If the user suspects that an ALS inhibitor resistant weed is present, ALBAUGH ROMETSOL 600 WG Herbicide or other ALS inhibitor herbicides should not be used. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local ALBAUGH ASIA PACIFIC LIMITED representative.</p> |
|---------------------|--|

|              |  |
|--------------|--|
| Precautions: |  |
|--------------|--|

|              |   |
|--------------|---|
| Protections: | <p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b></p> <p>Injury to or loss of desirable trees or vegetation may result from failure to observe the following:<br/> DO NOT apply or drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.<br/> DO NOT apply or allow spray to drift onto adjacent crops and non-target desirable plants, or onto agricultural land schedules to be planted to other crops as injury to the crop may occur.</p> <p><b>PROTECTION OF LIVESTOCK</b></p> <p>A nil withholding period is applicable for ALBAUGH ROMETSOL 600 WG HERBICIDE. It is recommended, however, to not graze treated areas for 2-3 days to ensure product efficacy.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b></p> <p>DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p> |
|--------------|---|

|                       |   |
|-----------------------|---|
| Storage and Disposal: | <p><b>KEEP OUT OF REACH OF CHILDREN.</b></p> <p>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 the 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 deliver empty packaging for appropriate disposal 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.</p> |
|-----------------------|---|

|                    |   |
|--------------------|---|
| Safety Directions: | <p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with the eyes and skin. When opening the container and preparing spray wear elbow-length chemical resistant gloves and goggles. If applying by hand wear cotton overalls over normal clothing, buttoned to the neck and wrist, a washable hat and elbow-length chemical resistant gloves. If product on skin, immediately wash area with soap and water. If product or spray gets in eyes, wash it out immediately with water. Wash hands after use. After each days use, wash gloves, goggles and contaminated clothing.</p> |
|--------------------|---|

|                         |  |
|-------------------------|--|
| First Aid Instructions: | <p>If poisoning occurs, contact a doctor or Poisons Information Centre.<br/> Phone Australia 131126, New Zealand 0800 764 766.</p> |
|-------------------------|--|

|                     |  |
|---------------------|--|
| First Aid Warnings: |  |
|---------------------|--|

**RESTRAINTS:**

DO NOT store a suspension of Albaugh Rometsol 600 WG Herbicide for more than two days otherwise significant breakdown will occur.

DO NOT apply to crops under stress.

DO NOT store tank mixes of Albaugh Rometsol 600 WG Herbicide.

DO NOT apply if rainfall is expected within 2 hours (for Woody Weeds 4 hours).

DO NOT use on furrow or flood irrigated crops.

DO NOT apply before the three leaf stage of the crop when used for post emergent weed control.

DO NOT treat newly sown pastures as severe damage may occur.

DO NOT use on pasture seed crops

DO NOT apply to weeds that are under stress or not actively growing.

**SPAY DRIFT RESTRAINTS**

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

## DIRECTIONS FOR USE

### 1. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION

| CROPS   | WEEDS CONTROLLED  | STATES                       | RATE<br>g/ha | WEED GROWTH<br>STAGE AT<br>APPLICATION               | CRITICAL<br>COMMENTS  |
|---|---|------------------------------|--------------|--|---|
| Wheat,<br>Barley,<br>Triticale<br>& Cereal<br>Rye | African Turnip<br>Weed ( <i>Sisymbrium<br/>thellungii</i> )           | QLD only                     | 5            | Apply before the 6<br>leaf stage.                    | General<br><br>Where the two<br>rates are specified,<br>use the higher rate<br>for larger weeds<br>and/or under heavy<br>weed pressures.<br>Where weed<br>growth stage is not<br>specified in the<br>adjacent column,<br>apply when weeds<br>are small (ie. no<br>greater than 5cm in<br>height or diameter)<br>and actively<br>growing.<br>Refer to General<br>Instructions and<br>Crop Safety<br>Directions for<br>further application<br>instructions. |
|   | Amsinckia/Yellow<br>Burweed<br>( <i>Amsinckia</i> spp.)               | WA only                      |              |  |   |
|   |   | NSW, VIC,<br>TAS, SA<br>only | 5 or 7       |  |   |
|   | Ball Mustard ( <i>Neslia<br/>paniculata</i> )                         | SA only                      | 5            |  |   |
|   | Boggabri Weed/Dwarf<br>Amaranth ( <i>Amaranthus<br/>macrocarpus</i> ) | QLD only                     | 7            | Apply at cotyledon<br>to 10cm height or<br>diameter. |   |
|   | Colomba Daisy ( <i>Pentzia<br/>suffruticosa</i> )                     | SA only                      | 5            |  |   |
|   | Cape Tulip ( <i>Homeria<br/>spp.</i> )                                | WA only                      |              |  |   |
|   | Charlock ( <i>Sinapsis<br/>arvensis</i> )                             | NSW, VIC,<br>TAS, SA<br>only |              |  |   |
|   | Chickpeas<br>(Volunteer) ( <i>Cicer<br/>arietinum</i> )               | QLD,<br>NSW, VIC,<br>SA only |              |  |   |
|   | Chickweed ( <i>Stellaria<br/>media</i> )                              | NSW, VIC,<br>TAS, SA<br>only |              |  |   |
|   | Chicory ( <i>Cichorium<br/>intybus</i> )                              | QLD only                     |              |  |   |
|   | Clover<br>(Subterranean) ( <i>Trifolium<br/>subterraneum</i> )        | All States                   |              |  |   |
|   |   |                              |              |  |   |

1. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION - continued

| CROPS  | WEEDS CONTROLLED  | STATES                               | RATE<br>g/ha | WEED GROWTH<br>STAGE AT<br>APPLICATION | CRITICAL COMMENTS  |  |  |
|--|---|--------------------------------------|--------------|--|--|--|--|
| Wheat,<br>Barley,<br>Triticale<br><br>&<br>Cereal<br>Rye -<br>cont | Common Sowthistle<br>( <i>Sonchus oleraceus</i> )             | QLD,<br>NSW, VIC,<br>TAS only        | 5            | Apply up to the 4 leaf<br>stage.       | See Critical Comments<br>previous page.  |  |  |
|  | Cutleaf Mignonette ( <i>Reseda<br/>lutea</i> )                | TAS, SA<br>only                      | 7            |  | Spray actively growing<br>large plants, up to the<br>early flowering stage.<br>Plants emerging after<br>spraying may not be<br>controlled. |  |  |
|  | Deadnettle<br>( <i>Lamium amplexicaule</i> )                  | All States                           | 5            |  |  |  |  |
|  | Denseflower Fumitory<br>( <i>Fumaria densiflora</i> )         | NSW, SA<br>only                      |              |  |  |  |  |
|  | Dock (Broadleaf)<br><br>( <i>Rumex obtusifolius</i> )         | WA only                              |              |  |  |  |  |
|  |   | QLD,<br>NSW, VIC,<br>TAS, SA<br>only | 5 or 7       |  |  |  |  |
|  | Faba Beans ( <i>Vicia faba</i> )                              | VIC, SA<br>only                      | 5            | Apply after the 3<br>node stage.       |  |  |  |
|  | Field Peas ( <i>Pisum sativum</i> )                           | VIC, TAS,<br>SA, WA<br>only          | 7            |  |  |  |  |
|  |   | NSW only                             |              |  |  |  |  |
|  | Hare's Ear/Treacle Mustard<br>( <i>Conringia orientalis</i> ) | VIC only                             | 5            | Apply after 5 leaf<br>stage.           |  |  |  |
|  | Hogweed/Wireweed<br><br>( <i>Polygonum aviculare</i> )        | WA only                              | 5 or 7       | Apply before the 4<br>leaf stage.      | Use the higher rate<br>when weed<br>populations are dense<br>and majority of weeds<br>are 4 leaf.  |  |  |
|  |   | NSW, VIC,<br>TAS, SA<br>only         |              |  |  |  |  |
|  |   |                                      | QLD only     | 7                                      | Apply when weeds<br>are cotyledon – 3 leaf<br>stage.   |  |  |

1. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION - continued

| CROPS  | WEEDS CONTROLLED  | STATES                       | RATE<br>g/ha | WEED GROWTH<br>STAGE AT<br>APPLICATION   | CRITICAL COMMENTS   |
|--|---|------------------------------|--------------|--|---|
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye<br><br>- cont | Indian Hedge Mustard<br>( <i>Sisymbrium orientale</i> )           | All States                   | 5            |  | Heavy populations<br>and/or those suffering<br>cold or moisture stress<br>may not be completely<br>controlled – a tankmix<br>with LVE MCPA 500 is<br>recommended. |
|  | Lincoln Weed ( <i>Diploaxis<br/>tenuifolia</i> )                  | SA only                      | 7            |  | Apply to actively<br>growing plants from<br>late Winter to Spring.<br>Plants emerging after<br>spraying may not be<br>controlled.                                 |
|  | Lupins ( <i>Lupinus albus</i> )                                   | NSW, VIC,<br>SA, WA<br>only  | 5            |  |   |
|  | Mallee Catchfly ( <i>Silene<br/>apetala</i> )                     | SA only                      |              |  |   |
|  | Medic ( <i>Medicago</i> spp.)                                     | All States                   |              |  |   |
|  | New Zealand Spinach<br>( <i>Tetragonia tetragonoides</i> )        | QLD only                     | 7            | Apply before the 4<br>leaf stage.  |   |
|  | Parthenium Weed<br>( <i>Parthenium hysterophorus</i> )            | QLD only                     | 5            | Apply up to the 4 leaf<br>stage.   |   |
|  |   |                              | 7            | Apply at the 4 leaf to<br>rosette stage.   |   |
|  | Paterson's Curse/Salvation<br>Jane ( <i>Echium plantagineum</i> ) | TAS, WA<br>only              | 5            |  |   |
|  |   | NSW, SA<br>only              | 5 or 7       |  |   |
|  | Prickly Lettuce ( <i>Lactuca<br/>serriola</i> )                   | QLD, VIC,<br>TAS, SA<br>only | 5 or 7       |  |   |
|  |   | WA only                      | 5            |  |   |
|  | Red Pigweed ( <i>Portulaca<br/>oleracea</i> )                     | QLD only                     |              | Apply before the 6<br>leaf stage.  |   |
|  |   |                              | 7            | Apply rate when<br>weed populations are<br>dense and majority of<br>weeds are 6 leaf<br>stage. |   |

1. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION - continued

| CROPS  | WEEDS CONTROLLED   | STATES                               | RATE<br>g/ha | WEED GROWTH<br>STAGE AT<br>APPL CAT ON | CRIT CAL<br>COMMENTS |   |
|--|--|--------------------------------------|--------------|--|----------------------|---|
| Wheat,<br>Barley,<br>Triticale<br><br>&<br>Cereal<br>Rye -<br>cont | Rough Poppy ( <i>Papaver hybridum</i> )                                      | NSW,<br>VIC, TAS,<br>SA only         | 5            |  |                      |   |
|  | Saltbush ( <i>Atriplex muelleri</i> )  | QLD only                             |              | Apply up to the 4<br>leaf stage.       |                      |   |
|  |  |                                      | 7            | Apply at the 4–6<br>leaf stage.        |                      |   |
|  | Shepherd's Purse<br>( <i>Capsella bursapastoris</i> )                        | NSW,<br>VIC, TAS,<br>SA only         | 5            |  |                      |   |
|  | Skeleton Weed<br>(Suppression only)<br>( <i>Chondrilla juncea</i> )          | NSW,<br>VIC, SA<br>only              | 7            |  |                      |   |
|  |  | WA only                              | 5            |  |                      |   |
|  | Slender Celery ( <i>Apium leptophyllum</i> )                                 | QLD only                             | 5            |  |                      |   |
|  | Smallflower Fumitory<br>( <i>Fumaria parviflora</i> )                        | SA only                              |              |  |                      |   |
|  | Sorrel ( <i>Rumex acetosella</i> )   | NSW,<br>VIC, TAS,<br>SA, WA<br>only  |              |  |                      | Some regeneration<br>from underground<br>rootstocks and new<br>germinations may<br>occur late in the<br>season. |
|  | Soursob ( <i>Oxalis pes-caprae</i> )   | NSW,<br>VIC, TAS,<br>SA, WA<br>only  |              |  |                      | Apply after majority<br>of Soursobs have<br>emerged and are<br>actively growing.                                |
|  | Spiny Emex/Doublegee/<br>Threecornered Jack (s)<br>( <i>Emex australis</i> ) | WA only                              |              |  |                      |   |
|  |  | QLD,<br>NSW,<br>VIC, TAS,<br>SA only | 5 or 7       |  |                      |   |
|  | Stagger Weed ( <i>Stachys arvensis</i> )                                     | All States                           | 5            |  |                      |   |
| Storksbill/Wild Geranium<br>( <i>Erodium</i> spp.)                 | VIC, TAS,<br>SA only   |                                      |              |  |                      |   |

1. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION - continued

| CROPS  | WEEDS CONTROLLED                                    | STATES           | RATE<br>g/ha | WEED GROWTH<br>STAGE AT<br>APPLICATION | CRITICAL<br>COMMENTS |
|--|---|------------------|--------------|--|----------------------|
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye -<br>cont | Turnip Weed ( <i>Rapistrum<br/>rugosum</i> )        | All States       | 5            |  |                      |
|  | Volunteer Sunflower<br>( <i>Helianthus annuus</i> ) | QLD only         | 7            | Apply at cotyledon<br>to 4 leaf stage. |                      |
|  |   |                  |              | Apply at 4 to 8 leaf<br>stage.         |                      |
|  |   | NSW only         |              | Apply at cotyledon<br>to 8 leaf stage. |                      |
|  | Wild/Crow Garlic ( <i>Allium<br/>vineale</i> )      | VIC, TAS<br>only |              | Apply at the 1–2<br>leaf stage.        |                      |
|  | Wild Turnip ( <i>Brassica<br/>tournefortii</i> )    | All States       | 5            |  |                      |

2. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE - POST CROP AND WEED EMERGENCE BY GROUND ONLY For the control of weeds in addition to those listed above the following mixtures with their appropriate timings are recommended. For mixing instructions, refer to “Spray Preparation” Section. TANK MIXTURES: Read and follow all label directions including constraints, spray drift restraints, mandatory no-spray zones, critical comments, withholding periods, regional use restrictions and safety directions for the tank mix products.

| CROPS   | WEEDS CONTROLLED  | STATES           | RATE<br>g/ha  | CROP STAGE<br>AT<br>APPLICATION   | CRITICAL<br>COMMENTS  |
|---|---|------------------|---|---|---|
| Wheat,<br>Barley<br>Triticale<br>&<br>Cereal<br>Rye | Capeweed<br>( <i>Arctotheca calendula</i> ),<br>Wild Radish<br>( <i>Raphanus raphanistrum</i> ) | NSW, VIC<br>only | 5g + 500mL<br>Diuron<br>500SC (or<br>280g DF) +<br>500mL of<br>MCPA 500 | 3–5 leaf<br>(Zadoks 13–15)<br>NSW only.<br>5 leaf<br>(Zadoks 15)<br>VIC only. | DO NOT apply to<br>Kamilaroi, Shortim or<br>Olympic Wheat.<br>Apply when weeds<br>are 2–5 leaf.<br>DO NOT apply by air<br>when mixing with<br>Diuron. |
|   |   | SA only          | 5g + 500mL<br>Diuron<br>500SC (or<br>280g DF) +<br>350mL of<br>MCPA 500 | 3 to 5 leaf<br>(Zadoks 13–<br>15).  |   |
|   |   | WA only          | 5g + 350mL<br>Diuron<br>500SC (or<br>195g DF) +<br>400mL of<br>MCPA 500 | 3 to 4 leaf<br>(Zadoks 13–<br>14).  | Apply when weeds<br>are 2–5 leaf.<br>DO NOT apply by air<br>when mixing with<br>Diuron.   |

**3. CEREALS: ALBAUGH ROMESTSOL 600 WG HERBICIDE – POST CROP AND WEED EMERGENCE BY GROUND OR AERIAL APPLICATION**

| CROPS  | WEEDS CONTROLLED  | STATES                                  | RATE<br>g/ha                                      | CROP STAGE AT<br>APPLICATION  | CRITICAL<br>COMMENTS   |
|--|---|---|---|---|--|
| Wheat,<br>Barley   | Capeweed<br>( <i>Arctotheca calendula</i> ),<br>Wild Radish<br>( <i>Raphanus<br/>raphanistrum</i> ) | WA only                                 | 5g + 550mL<br>Terbutryn<br>+ 600mL of<br>MCPA 500 | 3 leaf – early tillering<br>(Zadoks 13–21).   | Apply when weeds<br>are 2–6 leaf.  |
|  | Capeweed<br>( <i>Arctotheca calendula</i> )   | SA only                                 | 5g +<br>550mL<br>Terbutryn                        |   |  |
|  |   | NSW<br>only                             | 5g +<br>850mL<br>Terbutryn                        |   |  |
|  |   | NSW,<br>VIC, SA,<br>WA only             | 5g + 1L<br>Agtryne                                | 3 to 5 leaf stage (Zadoks<br>13–15).  | Spray actively<br>growing weeds at<br>the 2–6 leaf stage.  |
| Wheat,<br>Barley,<br><br>Triticale<br>&<br>Cereal<br>Rye |   | WA only                                 | 5g + 750mL<br>Bromicide*<br>MA                    | 3 leaf to full tillering<br><br>(SA, WA only). 5 leaf to<br>full tillering<br>(QLD, NSW, VIC, TAS<br>only). | Apply when weeds<br>are up to 6 leaf<br>stage.   |
|  |   | QLD,<br>NSW,<br>VIC, TAS,<br>SA only    | 5g + 1.4L<br>Bromicide*<br>MA                     |   |  |
|  |   | WA only                                 |   |   | Apply when Weeds<br>are 6–8 leaf.  |
|  |   | QLD,<br>NSW,<br>VIC,<br>TAS, SA<br>only | 5g + 2.1L<br>Bromicide*<br>MA                     | 3 leaf to full tillering (SA<br>only). 5 leaf to full<br>tillering<br>(QLD, NSW, VIC, TAS<br>only).         | Apply when weeds<br>are 6–8 leaf.  |
|  | Wild Radish<br>( <i>Raphanus<br/>raphanistrum</i> )   | QLD<br>only                             | 5g + 700mL<br>to 1L of<br>MCPA 500                | Early tillering to before<br>boot (Zadoks 21–39).   | Apply the lower<br>rate to seedling<br>weeds (3–6 leaf)<br>and the higher rate<br>on well developed<br>weeds up to<br>rosette. |

**3. CEREALS: ALBAUGH ROMESTSOL 600 WG HERBICIDE – POST CROP AND WEED EMERGENCE BY GROUND OR AERIAL APPLICATION - continued**

| CROPS   | WEEDS CONTROLLED                                 | STATES                           | RATE<br>g/ha                            | CROP STAGE<br>AT<br>APPLICATION  | CRITICAL COMMENTS  |
|---|--|----------------------------------|---|--|--|
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye -<br><i>cont</i> | Wild Radish<br>( <i>Raphanus raphanistrum</i> )  | NSW only                         | 5g + 700mL<br>to 1L of<br>MCPA 500      | Apply 700mL<br>rate after crop<br>has reached 5<br>leaf stage. Use<br>higher rates<br>after the first<br>node can be felt<br>at the base of<br>the tiller and<br>before swelling<br>of the head can<br>be felt in the<br>tiller. | Apply the lower rate to<br>seedling Weeds (3–6<br>leaf) and the higher<br>rate on well developed<br>Weeds up to rosette. |
|   |  | SA only                          | 5g + 1.4L of<br>MCPA 500                | Early tillering to<br>before boot<br>(Zadoks 21–39).   | Apply when weeds are<br>seedling to rosette.   |
|   |  | WA only                          | 5g + 1.2L of<br>MCPA 500                | 5 leaf–tillering<br>(Zadoks 15–30).  |  |
| Wheat,<br>Barley  | Wild Radish<br>( <i>Raphanus raphanistrum</i> )  | WA only                          | 5g + 250mL<br>Tigrex*/<br>Nugrex*       | Wheat: 3 leaf to<br>late tillering<br>(Zadoks 13–30).<br>Barley: 5 leaf to<br>late tillering<br>(Zadoks 15–30).  | Apply up to the 4 leaf<br>stage and not more<br>than 10cm in diameter.   |
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye                  | Wild Radish<br>( <i>Raphanus raphanistrum</i> )  | NSW, VIC,<br>TAS, SA,<br>WA only | 5g + 1.1L to<br>1.6L of LVE<br>MCPA 500 | 5 leaf to<br>commencement<br>of flag leaf<br>(Zadoks 15–37).   | Apply up to 2–3 leaf<br>stage only.  |
|   | Saffron Thistle ( <i>Carthamus<br/>lanatus</i> ) | NSW, VIC,<br>TAS, SA,<br>WA only | 5g + 1.1L to<br>1.6L of LVE<br>MCPA 500 | 5 leaf through to<br>commencement<br>of flag leaf<br>(Zadoks 15–37)  | Spray young rosettes<br>before leaves become<br>spiny.   |

3. CEREALS: ALBAUGH ROMESTSOL 600 WG HERBICIDE – POST CROP AND WEED EMERGENCE BY GROUND OR AERIAL APPLICATION - continued

| CROPS  | WEEDS CONTROLLED                                   | STATES                              | RATE<br>g/ha                                | CROP STAGE<br>AT<br>APPLICATION  | CRITICAL<br>COMMENTS   |
|--|--|-------------------------------------|---|--|--|
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye -<br>cont | Saffron Thistle<br>( <i>Carthamus lanatus</i> )    | QLD only                            | 5g +<br>1.4L to 2.1L<br>of MCPA<br>500      | Early tillering<br>to before boot<br>(Zadoks 21–<br>39). Higher<br>rates (above<br>1.5L/ha of<br>MCPA 500 only<br>to be used on<br>crops from<br>mid tillering to<br>before boot<br>stage (Zadoks<br>23–29). | Apply to weeds at<br>seedling to rosette<br>stage. Use the lower<br>rate on seedling<br>weeds and the<br>higher rate on well<br>developed weeds.   |
|  |  | NSW,<br>VIC, TAS,<br>SA, WA<br>only | 5g + 300mL<br>Lontrel®/<br>Archer®          | 4 to 5 leaf<br>stage (Zadoks<br>14–15).  | Spray when weeds<br>are young and<br>actively growing. DO<br>NOT apply<br>Lontrel/Archer to a<br>cereal crop if field<br>peas are to be sown<br>the following season<br>unless the cereal<br>stubble is burnt. |
|  | Variegated Thistle<br>( <i>Silyburn marianum</i> ) | TAS only*                           | 5g + 1.2L<br>2,4-D Amine<br>625             | 5 leaf to early<br>tillering<br>(Zadoks 15–<br>21).  | Apply to weeds at<br>seedling to rosette<br>stage.   |
|  |  | NSW only                            | 5g + 700mL<br>to 1.4L<br>2,4-D Amine<br>625 | Apply after the<br>first node can<br>be felt at the<br>base of the<br>tiller and<br>before<br>swelling of the<br>head can be<br>felt in the tiller.  | Apply to weeds at<br>seedling to rosette<br>stage. Use the lower<br>rate on seedling<br>weeds and the<br>higher rate on well<br>developed weeds.   |
|  |  | QLD only                            | 5g + 0.9L<br>2,4-D Amine<br>625             | Mid tillering to<br>before boot<br>(Zadoks 23–<br>29).   | Apply to weeds at<br>the seedling to<br>rosette stage.   |
|  |  | QLD only                            | 5g + 1.5L<br>MCPA 500                       | Early tillering<br>to before boot<br>(Zadoks 21–<br>39).   |  |

**3. CEREALS: ALBAUGH ROMESTSOL 600 WG HERBICIDE – POST CROP AND WEED EMERGENCE BY GROUND OR AERIAL APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED   | STATES                              | RATE<br>g/ha                              | CROP STAGE<br>AT<br>APPLICATION   | CRITICAL<br>COMMENTS  |
|--|--|-------------------------------------|---|---|---|
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye | Variegated Thistle<br>( <i>Silyburn marianum</i> )                       | NSW,<br>VIC,<br>TAS, SA,<br>WA only | 5g + 840mL<br>to 1.1L LVE<br>MCPA 500     | Apply from 5<br>leaf through<br>to<br>commenceme<br>nt of flag leaf<br>(Zadoks 15–<br>37).  | Spray at<br>pre-cabbage stage.  |
| Wheat  | Slender Thistle<br>( <i>Carduus tenuiflorus</i> )                        |                                     | 5g + 2.1L<br>LVE MCPA<br>500              |   | Moderately<br>susceptible. Spray<br>young rosettes.   |
| Wheat,<br>Barley,<br>Triticale<br>&<br>Cereal<br>Rye |  | NSW<br>only                         | 5g + 0.8L to<br>1.4L 2,4-D<br>Amine 625   | Apply after<br>the first node<br>can be felt at<br>the base of<br>the tiller and<br>before<br>swelling of<br>the head can<br>be felt in the<br>tiller.                        | Apply to weeds at<br>seedling to rosette<br>stage. Use the<br>lower rate on<br>seedling weeds and<br>the higher rate on<br>well developed<br>weeds. |
|  |  | TAS<br>only*                        | 5g + 1.4L<br>2,4-D<br>Amine 625           | 5 leaf to early<br>tillering<br>(Zadoks 15–<br>21).   | Apply to weeds at<br>seedling to young<br>rosette stage.  |
| Wheat,<br>Barley<br>&<br>Triticale                   | Climbing Buckwheat/<br>Black Bindweed<br>( <i>Fallopia convolvulus</i> ) | QLD,<br>NSW<br>only                 | 5g-7g + 1L<br>Tordon*<br>242/<br>Trooper* | Apply from<br>early tillering<br>(when the<br>main shoot<br>has 4 to 5<br>leaves plus 2<br>or more new<br>tillers have<br>formed) to<br>start of<br>jointing (first<br>node). | For best control<br>apply at early<br>tillering as this<br>weed becomes<br>increasingly<br>difficult to control<br>as it becomes<br>larger.         |

**4. CEREALS: ALBAUGH ROMETSOL 600 WG HERBICIDE + GLYPHOSATE – FALLOW/PREPLANT  
KNOCKDOWN WEED CONTROL**

| Crops                           | Weeds Controlled  | States               | Rate g/Ha  | Weed Stage at Application   | Critical Comments   |
|---------------------------------|---|----------------------|--|---|---|
| Wheat                           | Refer to Post Crop and Weed Emergence section of this leaflet (Table 1), and the glyphosate 450 Directions for Use. | All States Except WA | <b>ALBAUGH ROMETSOL</b><br>600 WG HERBICIDE 5g or 7g + Glyphosate 450 at label rates | Refer to Post Crop and Weed Emergence section of this leaflet (Table 1), and the Glyphosate 450 label Directions for Use. | DO NOT apply less than 10 days prior to sowing as crop injury may occur, particularly under dry, cold conditions. Apply when weeds are actively growing. Refer to General Instructions and Critical Comments of the respective labels. Use the appropriate rate of each product for the target weed spectrum. |
|                                 |   | WA only              | <b>ALBAUGH ROMETSOL</b><br>600 WG HERBICIDE 5g + Glyphosate 450 at label rates       |   |   |
| Barley, Cereal Rye or Triticale |   | All States Except WA | <b>ALBAUGH ROMETSOL</b><br>600 WG HERBICIDE 5g or 7g + Glyphosate 450 at label rates |   | DO not apply less than 6 weeks prior to sowing as crop injury may occur, particularly under dry, cold conditions. Apply when weeds are actively growing. Refer to General Instructions and Critical Comments of the respective labels. Use the appropriate rate of each product for the target weed spectrum. |
|                                 |   | WA only              | <b>ALBAUGH ROMETSOL</b><br>600 WG HERBICIDE 5g + Glyphosate 450 at label rates       |   |   |

## 5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION

| CROPS  | WEEDS<br>CONTROLLED   | STATES                  | RATE         |                                    |                                | CRITICAL<br>COMMENTS   |
|--|---|-------------------------|--------------|------------------------------------|--------------------------------|--|
|  |   |                         | BOOM<br>g/ha | HANDGUN<br>g/100L                  | GASGUN<br>g/L                  |  |
| Native Pastures*, rights of Way, commercial and industrial areas | Alligator Weed ( <i>Alternanthera philoxeroides</i> )   | NSW only                | 80           |                                    |                                | Apply in terrestrial situations only. Follow-up applications over at least two seasons are essential for complete control.   |
|  | Apple Box ( <i>Angophora floribunda</i> ), Messmate Stringybark ( <i>Eucalyptus obliqua</i> ), Peppermint Gum ( <i>E. radiata</i> ), Red Gum (e. <i>blakelyi</i> ), Yellow Box ( <i>E. melliodora</i> ) |                         |              | 10 + Pulse* Penetrant (200mL/100L) | 1 + Pulse* Penetrant (10mL/5L) | Apply to plants up to 4m high. Avoid spraying when plants are stressed. Ensure thorough foliage cover. Results can not be guaranteed where suckers originate from large lignotubers. |
|  | Australian Blackthorn ( <i>Bursaria spinosa</i> )   | QLD, NSW, VIC, TAS only |              | 10                                 |                                | Apply when bushes are actively growing. Avoid spraying when bushes are stressed.<br><br>Handgun – Spray to thoroughly wet all foliage, but not to cause run-off.                     |
|  | Bellyache Bush ( <i>Jatropha gossypifolia</i> )   | QLD only                |              | 10 + Pulse* Penetrant (200mL/100L) |                                |  |

**5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED   | STATES                 | RATE         |                                 |                                | CRITICAL COMMENTS  |
|--|--|------------------------|--------------|---------------------------------|--------------------------------|--|
|  |  |                        | BOOM<br>g/ha | HANDGUN<br>g/100L               | GASGUN<br>g/L                  |  |
| Native Pastures*, rights of way, commercial and industrial areas<br>- <i>continued</i> | Blackberry ( <i>Rubus</i> spp.)                            | All States             |              | 10 + mineral crop oil (1L/100L) | 1 + Pulse* Penetrant (10mL/5L) | Apply when bushes are actively growing. TAS only: Apply after petal fall. VIC only: Apply between December and April. Spray to thoroughly wet all foliage and canes. Ensure peripheral runners are sprayed. In Tasmania, DO NOT apply to bushes carrying mature fruit. |
|  | Bitou Bush/Boneseed ( <i>Chrysanthemoides monilifera</i> ) | QLD, NSW, VIC, SA only |              | 10                              | 1 + Pulse* Penetrant (10mL/5L) | Spray to thoroughly wet all foliage. Minimise contact with desirable species.  |
|  | Bridal Creeper ( <i>Myrsiphyllum asparagoides</i> )        | SA only                |              | 5                               |                                | Apply during mid-June to late August. Follow-up applications over at least 2 seasons will be required for complete control. Water volumes of 500–800L/ha are recommended to minimize the risk of damage to native vegetation.  |

**5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED                               | STATES        | RATE         |                   |               | CRITICAL COMMENTS  |
|--|--|---------------|--------------|-------------------|---------------|--|
|  |  |               | BOOM<br>g/ha | HANDGUN<br>g/100L | GASGUN<br>g/L |  |
| Native Pastures*, rights of way, commercial and industrial areas<br>- <i>continued</i> | Common Bracken ( <i>Pteridium esculentum</i> ) | All States    | 60           | 10                |               | Spray after full frond expansion. Spray to thoroughly wet all foliage, but not to cause run-off. For boom application – adjust boom height to ensure complete spray overlap. Avoid spraying when plants are stressed or in conditions of prolonged dry weather when soils are dry.   |
|  | Crofton Weed ( <i>Eupatorium adenophorum</i> ) | QLD, NSW only |              | 15                |               | Spray to thoroughly wet foliage but not to cause run-off. Extra care should be taken to get good spray penetration when spraying bushes situated in thickets. Apply to actively growing weeds up to early flowering. Best results are obtained on younger plants. If regrowth occurs, retreat in the subsequent growth period. |

**5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED                                    | STATES                 | RATE                                |                                     |               | CRITICAL COMMENTS  |
|--|---|------------------------|-------------------------------------|-------------------------------------|---------------|--|
|  |   |                        | BOOM<br>g/ha                        | HANDGUN<br>g/100L                   | GASGUN<br>g/L |  |
| Native Pastures*, rights of way, commercial and industrial areas - continued | Darling Pea ( <i>Swainsona spp.</i> )               | NSW only               | 10                                  | -                                   | -             | Apply during Spring.   |
|  | Fennel ( <i>Foeniculum vulgare</i> )                | NSW only               | -                                   | 10                                  | -             | Apply to actively growing plants.  |
|  | Golden Dodder ( <i>Cuscuta australis</i> )          | QLD, NSW, VIC, SA only |                                     | 1                                   |               | Apply as a spot spray to point of run-off. Ensure correct coverage of infested area. Apply preflowering.                                       |
|  | Gorse ( <i>Ulex europaeus</i> )                     | NSW, VIC, TAS, SA only |                                     | 15 + Pulse* Penetrant (200mL/100 L) |               | Apply to bushes up to 2m tall. Ensure thorough spray penetration and coverage of the whole plant.  |
|  | Great Mullein ( <i>Verbascum thapsus</i> )          | NSW only               | 20 + Pulse* Penetrant (200mL/100 L) |                                     |               | Regrowth may occur if growing conditions are not good. Apply during Spring at times of good soil moisture to rosettes before stem elongation.  |
|  | Hawthorn ( <i>Crataegus laevigata</i> )             |                        |                                     | 10                                  |               | Apply when bushes are actively growing. Avoid spraying when bushes are stressed. Spray to thoroughly wet all foliage but not to cause run-off. |
|  | Inkweed ( <i>Phytolacca octandra</i> )              | QLD, NSW only          |                                     | 5                                   |               | Spray to thoroughly wet all foliage but not to cause runoff.   |
|  | Japanese Sunflower ( <i>Tithonia diversifolia</i> ) | NSW only               | -                                   | 10                                  | -             |  |

**5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED                             | STATES        | RATE         |                   |                                | CRITICAL COMMENTS   |
|--|--|---------------|--------------|-------------------|--------------------------------|---|
|  |  |               | BOOM<br>g/ha | HANDGUN<br>g/100L | GASGUN<br>g/L                  |   |
| Native Pastures*, rights of way, commercial and industrial areas - continued | Kangaroo Thorn<br>( <i>Acacia paradoxa</i> ) | NSW only      | -            | 10                | -                              | Apply to bushes up to 2.5m high when actively growing.  |
|  | Lantana<br>( <i>Lantana camara</i> )         | QLD, NSW only |              | 10                | 2 + Pulse* Penetrant (10mL/5L) | Apply to bushes up to 2m tall. Spray to thoroughly wet all foliage and stems. Spray should penetrate throughout the bush. Should regrowth occur, retreatment will be necessary. |
|  | Mistflower<br>( <i>Eupatorium ripaiium</i> ) |               |              | 5                 |                                | Spray to thoroughly wet all foliage but not to cause runoff. Apply to actively growing weeds up to early flowering.   |
|  | Noogoora Burr<br>( <i>Xanthium pungens</i> ) | NSW only      |              | 7.5               |                                | Apply to actively growing plants. Plants under moisture stress will not be controlled.  |
|  | Parthenium<br>( <i>Parthenium</i>            | QLD only      | 7            | 5                 | -                              | Handgun: Spray to thoroughly  |
|  | <i>hysterophorus</i> )                       | NSW only      |              |                   |                                | wet all foliage but not to cause run-off. Boom (Pastures only): Apply up to rosette stage. Spray to thoroughly wet all foliage adjust boom height to ensure complete overlap.   |

**5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED  | STATES             | RATE         |                   |                                | CRITICAL COMMENTS  |
|--|---|--------------------|--------------|-------------------|--------------------------------|--|
|  |   |                    | BOOM<br>g/ha | HANDGUN<br>g/100L | GASGUN<br>g/L                  |  |
| Native Pastures*, rights of way, commercial and industrial areas - continued | Paterson's Curse/<br>Salvation Jane<br>( <i>Echium plantagineum</i> ) | All States         | 15           | 5                 |                                | Boom: Spray to thoroughly wet all foliage. Adjust boom height to ensure correct spray overlap. Handgun: Spray to wet all foliage but not to cause run-off. WA only – Spray plants at early flowering stage (August – September). |
|  | Privet<br>( <i>Ligustrum</i> spp.)                                    | QLD, NSW only      |              | 10                | 1 + Pulse* Penetrant (10mL/5L) | Apply to bushes up to 3m high. Complete foliar spray coverage is essential for control: partial spray coverage will result in regrowth recovery. DO NOT spray when bushes are stressed.  |
|  | Ragwort<br>( <i>Senecio jacobaea</i> )                                | NSW, VIC, TAS only | 15           | 5                 |                                | Apply to actively growing plants at rosette to cabbage stage.  |
|  | Rubber Vine<br>( <i>Cryptostegia grandiflora</i> )                    | QLD only           |              | 15                |                                | Apply to bushes up to 3m tall. Apply from October through April when bushes are actively growing. Ensure thorough spray coverage of all foliage and leaders. Incomplete coverage will result in regrowth.                        |

**5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS – GROUND APPLICATION - continued**

| CROPS  | WEEDS CONTROLLED  | STATES                 | RATE         |                   |                                | CRITICAL COMMENTS   |
|--|---|------------------------|--------------|-------------------|--------------------------------|---|
|  |   |                        | BOOM<br>g/ha | HANDGUN<br>g/100L | GASGUN<br>g/L                  |   |
| Native Pastures*, rights of way, commercial and industrial areas - continued | Sweet Briar ( <i>Rosa rubiginosa</i> )                        | NSW, VIC, TAS, SA only |              | 10                | 1 + Pulse* Penetrant (10mL/5L) | Apply when bushes are actively growing. Avoid spraying when bushes are stressed, when leaf fall has commenced or after the end of February. Handgun: Spray to thoroughly wet all foliage, but not to cause run-off. VIC only – Gasgun – Apply to bushes less than 2m high as application to bushes in excess of 2m high may produce variable results. Apply with shots of 25mL of dilute product. |
|  | Tree of Heaven ( <i>Ailanthus altissima</i> )                 | NSW only               | -            |                   |                                | Spray to thoroughly wet all foliage, but not to cause runoff.   |
|  | Wait-a-While (Mysore Thorn) ( <i>Caesalpinia decapetala</i> ) | QLD, NSW only          |              |                   |                                |   |
|  | Wild Turnip ( <i>Brassica tournefortii</i> )                  | NSW only               | -            | 5                 | -                              | Apply to actively growing plants.   |

\* Will damage legumes in pastures

**6. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS, AND FLOOD PLAINS –  
AERIAL APPLICATION BY HELICOPTER**

| <b>SITUATION</b>  | <b>WEEDS<br/>CONTROLLED</b> | <b>STATES</b>                 | <b>RATE g/ha</b> | <b>CRITICAL COMMENTS</b>  |
|---|-----------------------------|-------------------------------|------------------|---|
| <b>Native<br/>Pastures*,<br/>rights of<br/>way,<br/>commercial<br/>and<br/>industrial<br/>areas</b> | <b>Blackberry</b>           | <b>NSW, VIC,<br/>TAS only</b> | <b>160</b>       | <b>Apply when bushes are actively growing.<br/>TAS only: Apply after petal fall. DO NOT<br/>apply to bushes carrying mature fruit.<br/>VIC only: Apply between December and<br/>April. Use not less than 100L prepared<br/>spray/ha.</b>  |
| <b>Flood<br/>Plains</b>   | <b>Mimosa pigra</b>         | <b>NT only</b>                | <b>50 or 60</b>  | <b>Use the higher rate when air temperature<br/>exceeds 35°C. Apply in at least 60L/ha of<br/>clean water. Use D6 or D8 nozzles with 45<br/>swirl plates pressurised to 210kPa to give<br/>a large droplet size. Add a non-ionic<br/>surfactant. Apply when plant is actively<br/>growing. Avoid spraying when plants are<br/>stressed.</b> |

**\* Will damage legumes in pastures**

**7. PASTURES, FORESTS, COMMERCIAL AND INDUSTRIAL AREAS, RIGHTS OF WAY, DOMESTIC AND PUBLIC SERVICE AREAS: ALBAUGH ROMETSOL 600 WG HERBICIDE AND ROUNDUP\* HERBICIDE– ALL STATES**

| Situation  | Weeds Controlled   | Rate - Aerial or Boom   | Rate - Handgun or Knapsack   | Critical Comments  |
|--|--|---|--|--|
| Pastures, Forests, Commercial and Industrial areas, Rights of way, Domestic and public service areas | Blackberry ( <i>Rubus</i> spp.)  | 8.0L ROUNDUP Herbicide plus 60g <b>ALBAUGH ROMETSOL 600 WG</b> HERBICIDE per ha | 400 mL ROUNDUP Herbicide plus 3g <b>ALBAUGH ROMETSOL 600 WG</b> HERBICIDE per 100L water | For Blackberries, apply from flowering until prior to leaf yellowing. Due to widespread picking of Blackberries by the public, it is not recommended that the product be applied to bushes bearing mature fruit. Use Pulse Penetrant at the rate of 100 mL per 100L water.   |
|  | Bracken ( <i>Pteridium esculentum</i> )  | 4.0L ROUNDUP Herbicide plus 30g <b>ALBAUGH ROMETSOL 600 WG</b> HERBICIDE per ha |  | For Bracken, apply when fronds are fully unfurled but prior to first frosts. For boom application, refer to Boom application section. Use Pulse Penetrant at the rate of 100mL per 100L of water.  |
|  | Gorse ( <i>Ulex europaeus</i> )<br>Lantana ( <i>Lantana camara</i> )<br>St John's Wort ( <i>Hypericum perforarum</i> )<br>Sweet Briar ( <i>Rosa rubiginosa</i> ) | -   | 400 mL ROUNDUP Herbicide plus 3g <b>ALBAUGH ROMETSOL 600 WG</b> HERBICIDE per 100L water | For Gorse, apply when actively growing at any time of year, except Spring. Use Pulse® Penetrant at the rate of 100mL per 100L of water. For Lantana, apply when actively growing. DO NOT apply during periods of Summer drought stress. Use Pulse® Penetrant at the rate of 100mL per 100L of water. For St John's Wort, apply when actively growing from Spring to Summer. Use Pulse® Penetrant at 100mL per 100L of water. For Sweet Briar, apply when in full leaf, prior to leaf fall. Use Pulse® Penetrant at 100 mL per 100L of water. |

## 8. TOLERANT GRASS PASTURES, OR IN A PASTURE RENOVATION – GROUND APPLICATION

| SITUATION   | WEEDS CONTROLLED  | STATES                          | RATE g/ha                        | CRITICAL COMMENTS  |
|---|---|---------------------------------|----------------------------------|--|
| <b>ESTABLISHED PASTURES TOLERANT GRASS SPECIES</b><br>Perennial phalaris and Perennial cocksfoot (stands greater than 1 year old)<br><b>OR</b><br><b>PASTURE RENOVATION</b><br>Use in rundown pastures to reduce weed burden before sowing with a pasture in the following year | Cape Tulip:<br>Both 1 and 2 leaf<br>( <i>Homeria</i> spp.)                | NSW, VIC, TAS, SA, WA only      | 5                                | Apply at bulb exhaustion usually during July / early August. More than 1 year of application may be required to obtain control.              |
|   | Annual Clover<br>( <i>Trifolium</i> spp.)                                 | QLD, NSW, VIC,                  |                                  | Apply before flowering.  |
|   | Dock ( <i>Rumex</i> spp.)   | TAS, SA, WA only                | 5 - seedlings<br>10- established | Best results when applied in Spring prior to bolting.  |
|   | Doublegee/Spiny Emex/ Three Cornered Jack(s)<br>( <i>Emex australis</i> ) | WA only                         | 5 to 10                          | Apply up to the 6 leaf stage. Use the higher rate on dense populations.  |
|   | Erodium/Storksbill/ Wild Geranium<br>( <i>Erodium</i> spp.)               | VIC, TAS, SA only               |                                  | Use the higher rate on dense populations. Spray before flowering.  |
|   | Annual Medics<br>( <i>Medicago</i> spp.)                                  | NSW, VIC, TAS, SA, WA only      | 5                                | For the best results apply before flowering.   |
|   | Onion Grass/Guildford Grass ( <i>Romulea rosea</i> )                      |                                 | 15                               | Apply at bulb exhaustion usually late June / July before the onset of browning off caused by fungus. When mixing with Glyphosate use 10g/ha. |
|   | Paterson's Curse/ Salvation Jane<br>( <i>Echium plantagineum</i> )        | QLD, NSW, VIC, TAS, SA, WA only | 10 or 15                         | Apply lower rate to small plants. Apply higher rate before bolting/flowering.  |
|   | Ragwort<br>( <i>Senecio jacobaea</i> )                                    | NSW, VIC, TAS, SA only          | 15                               | Apply to actively growing plants at the rosette to cabbage stage.  |
|   | Sorrel ( <i>Rumex acetosella</i> )  | NSW, VIC, TAS, SA, WA only      | 5 - seedlings<br>10- established | Best results when applied in Spring prior to seed heads appearing.   |
|   | Soursob<br>( <i>Oxalis pes-caprae</i> )                                   |                                 | 5 to 10                          | Use the higher rate on dense stands. Spray before flowering for best results.  |
|   | Wild Garlic<br>( <i>Allium vineale</i> )                                  |                                 | 15                               | Apply at bulb exhaustion usually July to early August. More than 1 year of application may be required to obtain control.                    |

Note: Always add a non-ionic surfactant (1000g ac/L) at 200mL/100L of water (0.2% v/v).

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

## GENERAL INSTRUCTIONS

ALBAUGH ROMETSOL 600 WG Herbicide is a selective systemic herbicide, which is adsorbed through the roots and foliage with rapid translocation acting by inhibiting cell division in meristems thus stopping growth. Some crops are extremely sensitive to low concentrations of this product. See "Sprayer Cleanup" section. Where treatment is delayed or where weeds are not actively growing due to adverse conditions, results may be slow to appear and weeds may only be stunted or suppressed.

### **Instructions specific for cereals:**

With the exception of the preplant weed control recommendations, apply at the early post emergence stage of the crop (3 leaf to before booting) when weeds are small (i.e. no greater than 5cm in height or diameter) and actively growing.

Best weed control is obtained when rainfall wets the soil to a depth of 5 to 7.5cm within 4 weeks of application. Where treatment is delayed or where weeds are not actively growing due to adverse conditions, results may be slow to appear and weeds may be only stunted or suppressed (eg. Indian Hedge Mustard).

ALBAUGH ROMETSOL 600 WG HERBICIDE will remain in the soil for a period of time (see Crop Rotation Recommendations).

The persistence of ALBAUGH ROMETSOL 600 WG HERBICIDE in the soil is dependent on various environmental conditions e.g. soil pH, temperature, soil moisture and organic matter. Wet, warm, acid soils high in organic matter favour breakdown of ALBAUGH ROMETSOL 600 WG HERBICIDE in the soil. It should be noted that ALBAUGH ROMETSOL 600 WG HERBICIDE does not provide a commercially acceptable level of soil residual weed control. Crops other than wheat, barley, triticale and cereal rye may be extremely sensitive to low concentrations of ALBAUGH ROMETSOL 600 WG HERBICIDE residues in the sprayer or in the soil. See

"Sprayer Clean-up" and "Crop Rotation Recommendations".

The recommendation of the addition of ALBAUGH ROMETSOL 600 WG HERBICIDE to Glyphosate 450 as a pre-plant knockdown is to enhance the control of certain broadleaf weeds (e. g. doublegee, sorrel, erodium, clover, medic and soursob) and to help prevent (or at least minimise) the risk of resistant weeds occurring. Its purpose is not to provide residual control of weeds.

### **Instructions specific for brush and herbaceous weed control:**

Apply when bushes/plants are actively growing. Where treatment is delayed or bushes/plants are not actively growing due to adverse conditions (such as a period of prolonged dry weather) or if partial spray coverage occurs, results may be slow to appear and subsequent regrowth may occur. Should regrowth occur, re-treatment at the recommended rate is advised. Retreatment of blackberries should only be undertaken once regrowth has reached one (1) metre tall - this may not be until two (2) years after the initial application.

For control of bushes previously sprayed with other brush control herbicides or for bushes which may have been burned or slashed ensure two (2) years has elapsed. Due to the widespread picking of blackberries by the public, it is recommended that the product is not applied to bushes bearing mature fruit.

#### **Instructions specific for treatment of pasture or pasture renovation:**

Allow weeds to recover from grazing before application. Docks and Sorrel in particular require fresh leaf growth for adequate uptake of chemicals. Legumes will be removed from pasture if oversprayed with ALBAUGH ROMETSOL 600 WG HERBICIDE. Some grasses will be damaged in pasture sprayed with the product and biomass production may be reduced for several months. ALBAUGH ROMETSOL 600 WG HERBICIDE used on established Perennial Phalaris and/or established Perennial Cocksfoot may cause temporary yellowing and some stunting.

ALBAUGH ROMETSOL 600 WG HERBICIDE can severely damage Annual and Perennial Ryegrass. ALBAUGH ROMETSOL 600 WG HERBICIDE does not control/damage Silvergrass (*Vulpia* spp.), Brome Grass (*Bromus* spp.) or Winter grass (*Poa* spp.). Sorrel seedlings may germinate after the break in the following year, particularly after cultivation. The ungerminated clover seed bank is not affected by ALBAUGH ROMETSOL 600 WG HERBICIDE application.

Clover vigour is often increased in the year following application where seed banks are reasonable. The seed set of clover in the year of application of ALBAUGH ROMETSOL 600 WG HERBICIDE will be significantly reduced particularly from the Winter- Spring application. This effect may impact on the clover seed bank therefore re-sowing may be necessary. Where clover seed banks are high resowing is not necessary.

For pasture topping situations a combination of ALBAUGH ROMETSOL 600 WG HERBICIDE plus glyphosate can be used, however the Crop Rotation recommendations should be observed. Refer to the Directions of Use section of each product for the appropriate rate and critical comments for the target weed spectrum.

#### **CROP SAFETY**

DO NOT use in winter cereal crops under-sown with legume pasture species, e. g. medics, clovers.

DO NOT apply to wheat varieties King, Jacup, Milling and Harrier.

Care should be taken if it is intended to apply ALBAUGH ROMETSOL 600 WG HERBICIDE in the same season to a crop already treated with another sulfonylurea herbicide as crop damage may occur. Consult your local agronomist or ALBAUGH ASIA PACIFIC LIMITED representative.

DO NOT apply other sulfonylurea herbicides in a tank mix with ALBAUGH ROMETSOL METSULFURON 600 WG HERBICIDE as a preplant application.

Use of this product on land having a soil pH of 5.5 or less may result in some crop retardation, particularly if the crop is stressed - see comment in point below.

DO NOT apply to crops that are stressed by any cause (such as severe weather conditions, drought, waterlogging, excessive soil acidity or alkalinity, poor nutrient status, disease,

nematode or insect damage) as crop injury may result. When treatment is followed by severe stress (such as drought, prolonged cold, waterlogging or frosty conditions) crop yellowing and growth retardation may occur.

Crops normally recover without loss in yield. Disease, nematode or insect damage following application may also result in crop injury.

### **SPRAY PREPARATION**

ALBAUGH ROMETSOL 600 WG HERBICIDE is a dry flowable formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Using the ALBAUGH ROMETSOL 600 WG HERBICIDE measuring cone provided, measure the amount of ALBAUGH ROMETSOL 600 WG HERBICIDE required for the area to be sprayed.

Add the correct amount of ALBAUGH ROMETSOL 600 WG HERBICIDE to the spray tank with the agitation system engaged. Top up to the correct volume with water.

THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

When prepared spray solution has been allowed to stand, thoroughly re-agitate before using. In tank mixes ALBAUGH ROMETSOL 600 WG HERBICIDE must be in suspension before adding the companion herbicide or surfactant.

For application of ALBAUGH ROMETSOL 600 WG HERBICIDE in liquid fertilizer, slurry the ALBAUGH ROMETSOL 600 WG HERBICIDE in water then thoroughly mix the slurry into the liquid fertiliser.

Check compatibility before mixing ALBAUGH ROMETSOL 600 WG HERBICIDE in fertiliser solutions.

DO NOT add a surfactant/wetting agent.

### **COMPATIBILITY**

ALBAUGH ROMETSOL 600 WG HERBICIDE is compatible with the commonly used insecticides chlorpyrifos and omethoate. Some increased temporary crop yellowing may occur when ALBAUGH ROMETSOL 600 WG HERBICIDE is applied as a tank mix with these insecticides.

The compatibility of ALBAUGH ROMETSOL 600 WG HERBICIDE with grass herbicides varies between products and weed species (refer following table).

| <b>ALBAUGH<br/>ROMETSOL 600<br/>WG HERBICIDE</b> | <b>Biological Compatibility</b>  |  |           |
|--|--|--|-----------|
|  | Wild Oats  | Annual Ryegrass  | Phalaris  |
| <b>Puma*</b>                                     | <b>Yes</b>   | <b>-</b>   | <b>No</b> |
| <b>DICLOFOP-METHYL</b>                           | Methyl Refer to notes on ALBAUGH ROMETSOL 600 WG HERBICIDE / Diclofop  | Methyl Refer to notes on ALBAUGH ROMETSOL 600 WG HERBICIDE / Diclofop  | <b>-</b>  |
| <b>DICLOFOP-METHYL<br/>  FENOXAPROP-P-ETHYL</b>  | Methyl based products or ALBAUGH ROMETSOL 600 WG HERBICIDE / Diclofop Methyl / Fenoxaprop-P-Ethyl based product mixtures | Methyl based products or ALBAUGH ROMETSOL 600 WG HERBICIDE / Diclofop Methyl / Fenoxaprop-P-Ethyl based product mixtures | <b>No</b> |
| <b>Achieve*</b>                                  | <b>No</b>  | <b>No</b>  | <b>No</b> |
| <b>FLAMPROP-M-METHYL</b>                         | <b>No</b>  | <b>-</b>   | <b>-</b>  |

DO NOT mix ALBAUGH ROMETSOL 600 WG HERBICIDE with Achieve and FLAMPROP-M-METHYL based products.

\* Other registered trademarks

**NOTES ON ALBAUGH ROMETSOL 600 WG HERBICIDE /DICLOFOP METHYL BASED PRODUCTS OR ALBAUGH ROMETSOL 600 WG HERBICIDE / Diclofop Methyl / Fenoxaprop-P-Ethyl based products MIXTURES.**

- ALBAUGH ROMETSOL 600 WG HERBICIDE and diclofop methyl based products or Diclofop Methyl /Fenoxaprop-P-Ethyl based products can be tank mixed, but when this mixture is used, some reduction in grass weed control can be expected.
- For heavy infestation of grass weeds, control may be inadequate - Vic. and Tas. only.
- Significant reduction in grass weed control should be expected - SA only.
- ALBAUGH ROMETSOL 600 WG HERBICIDE and diclofop methyl based products or Diclofop Methyl /Fenoxaprop-P-Ethyl based products are not a recommended mixture because they result in significant reduction in grass weed control and/or crop damage - WA only.
- Consult company representatives for further information or advice.

**USE OF SURFACTANT/WETTING AGENT**

**Instructions specific for cereals:**

Always add a non-ionic surfactant (1000 g. ac/L) at 100mL/100L of final spray volume (0.1% volume/volume). The use of spraying oils is not recommended.

**Note:** Do not add a surfactant/wetting agent when ALBAUGH ROMETSOL 600 WG HERBICIDE is tank mixed with Terbutryn or Diuron (Flowable and WG).

**Instructions specific for brush and herbaceous weed control:**

If a specific surfactant/wetting agent is not listed in the Directions for Use table, or when mixing glyphosate use a non-ionic surfactant (1000 g. ac/L) at 100mL/100L of final spray volume (ie 0.1% volume/volume).

When an organosilicone penetrant (Pulse) is recommended in the Directions for Use table and with all gasgun applications, use 10mL/5L or 200mL/100L of final spray volume (ie 0.2% volume/volume).

When a mineral spray oil (e.g. Caltex Sprayplus\*) is recommended in the Directions for Use table, use 1L/100L of final spray volume (ie 1% volume/volume).

**Instructions specific for treatment of pasture and pasture renovation:**

Always add a non-ionic surfactant a (1000 g. ac/L) e.g. Wetter 1000 at 200mL/100L of final spray volume (0.2% volume/volume).

**BOOM SPRAY APPLICATION**

Use a boom spray property calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern.

Adjust boom height to ensure correct spray overlap.

Avoid spraying where drift can go onto crops, are likely to be planted to crops and non target pastures as injury may occur. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping as injury to the crop may result.

**Cereals:** Apply a minimum of 50L prepared spray/ha.

**Pasture:** Apply a minimum of 70L prepared spray/ha.

Other use patterns: Apply in a minimum of 150L prepared spray/ha. Increase to 200L prepared spray/ ha or more in dense stands.

**AERIAL APPLICATION**

Avoid spraying in still conditions and in winds likely to cause drift onto adjacent sensitive crops or fallow areas likely to be planted to these crops - see Crop Rotation Recommendations. Turn off spray boom whilst passing over creeks and dams.

DO NOT apply when a temperature air inversion is likely to occur. Use of Micronair equipment is not recommended due to greater drift potential. Apply in a minimum of 20L/ha water.

Application in a higher water volume of 30L/ha will improve the reliability of weed efficacy.

**Other use patterns: – helicopter only**

Apply in a minimum of 100L per ha on Blackberries or 60L per ha on *Mimosa pigra* and up to 200L prepared spray/ha.

Higher water volumes may be necessary to ensure adequate coverage where bushes are large and terrain is steep. Spray with a properly calibrated helicopter using the half overlap opposite pass technique.

## **HANDGUN APPLICATION**

### **Pastures and Other use patterns**

Spray foliage and canes until wet. Ensure coverage is uniform and complete. Use pressures of 550-750 kPa (80 - 100psi) depending on target species and size of bush. Use larger nozzles and higher pressures for largest bushes. Example:

Size No. 4 or 5 spray nozzle: small individual bushes or broadleaf weeds - less than 1m high

Size No. 5 or 6 spray nozzle: medium sized bushes - 1.2m high

Size No. 7 or 8 spray nozzle: large bushes 2-3m high or of a large diameter

**Note:** Use large spray nozzle/high volume for blackberry regrowth.

Spray using a wide cone setting as much as possible. Use even, side-by-side spray pattern moving up from the base to the top of the bush as leaves are wet. For blackberries, do not ignore runners to the side or the top of the bush and ensure spray penetrates larger bushes to wet foliage and canes.

## **GAS GUN APPLICATION**

### **Pastures and Other use patterns**

Apply to ensure good coverage of all foliage is achieved. The use of a suitable marker dye is recommended.

## **SPRAYER CLEAN-UP**

Immediately after spraying thoroughly remove all traces of ALBAUGH ROMETSOL 600 WG HERBICIDE from mixing and spray equipment as follows:

1. Drain tank, then flush tank, boom and hoses with clean water for a minimum of 10 minutes.
2. Fill the tank with clean water then add 300mL household chlorine bleach (containing 4% chlorine) per 100L of water. Flush through boom and hoses then allow to stand for 15 minutes with agitation engaged, then drain.
3. Repeat step 2.
4. Nozzle and screens should be removed and cleaned separately. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and boom.

**CAUTION:** DO NOT use chlorine bleach with ammonia. All traces of liquid fertiliser containing ammonia, ammonium nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure

to do so will release a gas with a musty chlorine odour which can cause eye, nose, throat and lung irritation. DO NOT clean equipment in an enclosed area.

## CROP ROTATION RECOMMENDATIONS

The use of ALBAUGH ROMETSOL 600 WG HERBICIDE may prevent early re-establishment of legumes and grasses after treatment. The period that residues persist in the soil will vary according to site conditions such as climate, soil pH, presence of soil micro-organisms, soil temperature, soil moisture and the rate used. Breakdown is fastest in warm wet acid soil and slower in cold dry alkaline soils. Land previously treated with ALBAUGH ROMETSOL 600 WG HERBICIDE should not be rotated to crops other than those listed in the table following. Tolerance of other crops (grown through to maturity) should be determined on a small scale before sowing into larger areas. The ALBAUGH ROMETSOL 600 WG HERBICIDE treated area may be replanted to any of the specified crops after the interval indicated in the following table:

| Soil pH       | Minimum Recropping Interval  |                                   |   |   |
|---------------|--|-----------------------------------|---|---|
|               | 10 days  | 6 weeks                           | 9 months  | 14 months   |
| 5.6 - 8.5     | Wheat  | Barley<br>Cereal Rye<br>Triticale | Chickpeas, Faba Beans,<br>Linseed, Lucerne, Lupins,<br>Medics**, Oats, Peas,<br>Canola, Safflower,<br>Subterranean** Clover | Japanese Millet<br>Maize, Panorama<br>Millet, White French<br>Millet, Sorghum,<br>Soybeans, Sunflower |
| 8.6 and above | Tolerance of crops (grown through to maturity) should be determined on a small scale, in the previous season, before sowing into larger areas. |                                   |   |   |

\*\* Involves natural regeneration of subterranean clover and medics.

The ALBAUGH ROMETSOL 600 WG HERBICIDE treated area may be replanted to any of the specified pasture species after the interval indicated in the following table:

| Soil pH*      | Pasture Species   | Rate g/ha               | Minimum Rainfall        | Minimum Recrop Interval |
|---------------|---|-------------------------|-------------------------|-------------------------|
| 5.5 and below | Sub Clover <sup>(a)</sup> and Haifa White Clover  | 5                       | 150 mm                  | 12 weeks                |
|               |   | 1                       |                         | 20 weeks                |
|               |   | 15                      |                         | 20 weeks                |
|               | Cocksfoot spp. and Phalaris spp.  | 5                       |                         | 8 weeks                 |
|               |   | 10                      |                         | 8 weeks                 |
|               |   | 15                      |                         | 16 weeks                |
|               | Perennial Ryegrass spp. and Fescue spp.   | 5                       | 100 mm                  | 16 weeks                |
|               |   | 10                      |                         | 16 weeks                |
|               |   | 15                      | 150 mm                  | 20 weeks                |
| 5.6 - 6.5     | Sub Clover <sup>(a)</sup> , Haifa White Clover, Perennial Ryegrass spp. and Fescue spp. | Bioassay <sup>(b)</sup> |                         |                         |
|               |   | 5, 10                   | 175 mm                  | 12 weeks                |
|               | Cocksfoot spp. and Phalaris spp.  | 15                      | Bioassay <sup>(b)</sup> |                         |
| 6.6 and above | Bioassay <sup>(b)</sup>   |                         |                         |                         |

(a) Varieties: Junee, Karridale, Seaton Park and Trikkala.

(b) Tolerance of pasture species should be determined on a small scale, in the previous season, before sowing into larger areas.

- Soil pH is to be determined by laboratory analysis using the 1:5; soil water suspension method.

For rates higher than 15 g/ha the following applies:

- For soils with a pH below 7 (1:5 soil: water method) a minimum period of 12 months should elapse before oversowing treated areas with grasses or legumes. It is suggested that small areas be oversown 1 – 2 months prior to the planned time for sowing to check for possible harmful residues.
- For soils with a pH greater than 7 or if planting any other crop, DO NOT replant without first consulting the local ALBAUGH ASIA PACIFIC LIMITED representative.