

CAUTION

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

Priority[®]

Herbicide

ACTIVE CONSTITUENT:

200 g/L FLORASULAM

GROUP

B

HERBICIDE

Crops/Situations: Wheat, Barley, Oats, Triticale, Ryegrass
Pastures (Established), and Fallow

Controls/Suppresses: Broadleaf weeds as specified in the
Directions for Use

Formulation type

Suspension
Concentrate

SC



adama.com

CONTENTS: 1 L - 1000 L

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply if heavy rains or storms are forecast within 48 hours.

DO NOT irrigate to the point of runoff from the treatment area for at least 48 hours after application.

DO NOT apply to crops or weeds which may be stressed due to prolonged periods of extreme cold, sustained high temperature within 48 hours of application, moisture stress (water-logging or drought), nutritional stress, root disease or previous herbicide treatments, as crop damage or reduced levels of control may result.

DO NOT apply more than once per season.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at 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 tables 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 km/h 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 one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a COARSE spray droplet size category (VERY COARSE when the primary tank mix partner is 2,4-D LV ESTER 680 or ZULU[®] XT HERBICIDE).
- Minimum distances between the application site and downwind sensitive areas are observed (see the 'Mandatory buffer zone' section of the following table titled 'Buffer zones for boom sprayers').

Table 1. Buffer zones for boom sprayers

| Application rate and tank mix combination | Boom height above the target canopy | Mandatory downwind buffer zone | | |
|--|-------------------------------------|--------------------------------|------------------|------------------|
| | | Natural aquatic areas | Pollinator areas | Vegetation areas |
| Up to 25 mL/ha PRIORITY®, PRIORITY® + Flagship® 400 + Cutlass®, PRIORITY® + LVE MCPA 570 | 0.5 m or lower | 0 metres | 0 metres | 35 metres |
| | 1.0 m or lower | 20 metres | 0 metres | 100 metres |
| PRIORITY® + Flagship® 400 | 0.5 m or lower | 0 metres | 0 metres | 40 metres |
| | 1.0 m or lower | 20 metres | 0 metres | 110 metres |
| PRIORITY® + Flagship® 400 + LVE MCPA 570 | 0.5 m or lower | 30 metres | 0 metres | 90 metres |
| | 1.0 m or lower | 70 metres | 0 metres | 350 metres |
| PRIORITY® + Flagship® 400 + Bronco® MA-X | 0.5 m or lower | 20 metres | 0 metres | 65 metres |
| | 1.0 m or lower | 50 metres | 0 metres | 200 metres |
| PRIORITY® + Flagship® 400 + Picoflex® + ADAMA MCPA 750 | 0.5 m or lower | 0 metres | 0 metres | 80 metres |
| | 1.0 m or lower | 20 metres | 0 metres | 300 metres |
| PRIORITY® + 2,4-D LV ESTER 680 | 0.5 m or lower | 0 metres | 0 metres | 65 metres |
| | 1.0 m or lower | 20 metres | 0 metres | 220 metres |
| PRIORITY® + Zulu® XT | 0.5 m or lower | 30 metres | 0 metres | 55 metres |
| | 1.0 m or lower | 70 metres | 0 metres | 170 metres |
| PRIORITY® + Triathlon® | 0.5 m or lower | 25 metres | 0 metres | 50 metres |
| | 1.0 m or lower | 60 metres | 0 metres | 150 metres |
| PRIORITY® + Flagship® 400 + Wipe-out® Pro | 0.5 m or lower | 0 metres | 0 metres | 65 metres |
| | 1.0 m or lower | 20 metres | 0 metres | 200 metres |
| PRIORITY® + 2,4-D LV ESTER 680 + Picoflex® + ADAMA MCPA 750 | 0.5 m or lower | 25 metres | 0 metres | 95 metres |
| | 1.0 m or lower | 55 metres | 0 metres | 375 metres |

DO NOT apply by an aircraft unless the following requirements are met:

- Spray droplets are not smaller than a COARSE spray droplet size category (VERY COARSE when the primary tank mix partner is 2,4-D LV ESTER 680 or ZULU XT HERBICIDE).
- for maximum release height above the target canopy of 3 m or 25% of wingspan or 25% of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas are observed (see the 'Mandatory buffer zone' section of the following table titled 'Buffer zones for aircraft').

Table 2. Buffer zones for aircraft

| Application rate and tank mix combination | Type of aircraft | Mandatory downwind buffer zone | | |
|--|------------------|-------------------------------------|------------------|------------------|
| | | Natural aquatic areas | Pollinator areas | Vegetation areas |
| Up to 25 mL/ha PRIORITY®, PRIORITY® + Flagship® 400 + Cutlass®, PRIORITY® + LVE MCPA 570 | Fixed-wing | 75 metres | 0 metres | 375 metres |
| | Helicopter | 60 metres | 0 metres | 220 metres |
| PRIORITY® + Flagship® 400 | Fixed-wing | 75 metres | 0 metres | 400 metres |
| | Helicopter | 60 metres | 0 metres | 230 metres |
| PRIORITY® + Flagship® 400 + LVE MCPA 570 | Fixed-wing | DO NOT apply by fixed wing aircraft | | |
| | Helicopter | 160 metres | 0 metres | 475 metres |
| PRIORITY® + Flagship® 400 + Bronco® MA-X | Fixed-wing | DO NOT apply by fixed wing aircraft | | |
| | Helicopter | 120 metres | 0 metres | 375 metres |
| PRIORITY® + Flagship® 400 + Picoflex® + ADAMA MCPA 750 | Fixed-wing | DO NOT apply by fixed wing aircraft | | |
| | Helicopter | 60 metres | 0 metres | 450 metres |
| PRIORITY® + 2,4-D LV ESTER 680 | Fixed-wing | 75 metres | 0 metres | 600 metres |
| | Helicopter | 60 metres | 0 metres | 300 metres |
| PRIORITY® + Zulu® XT | Fixed-wing | 210 metres | 0 metres | 500 metres |
| | Helicopter | 150 metres | 0 metres | 275 metres |
| PRIORITY® + Triathlon® | Fixed-wing | 220 metres | 0 metres | 625 metres |
| | Helicopter | 150 metres | 0 metres | 300 metres |
| PRIORITY® + Flagship® 400 + Wipe-out® Pro | Fixed-wing | DO NOT apply by fixed wing aircraft | | |
| | Helicopter | 60 metres | 0 metres | 375 metres |
| PRIORITY® + 2,4-D LV ESTER 680 + Picoflex® + ADAMA MCPA 750 | Fixed-wing | DO NOT apply by fixed wing aircraft | | |
| | Helicopter | 120 metres | 0 metres | 400 metres |

Table 3. CROP GROWTH STAGE AND ADJUVANT GUIDELINES FOR PRIORITY® WITH RECOMMENDED TANK MIX PARTNERS IN WHEAT, BARLEY, OATS AND TRITICALE ONLY

When applying PRIORITY® with more than one tank mix partner, apply at a crop growth stage that is recommended for all products in the tank mix. Do not apply earlier or later than recommended for all products in the tank mix.

Refer to Tables 4 to 9 for weeds controlled/suppressed, specific application rates and other recommendations.

| TANK MIX PARTNER | | ADJUVANT | CROP GROWTH STAGE |
|----------------------------|----------------------------|---|---|
| PRODUCT | RATE/ha | | |
| 2,4-D LV Ester 680 | Up to 360 mL | Uptake ¹ Spraying Oil at 500 mL/100 L ² | Five-leaf stage – flag leaf just visible (GS15 to GS37) |
| ADAMA LVE MCPA 570 | Up to 440 mL | | Oats, Triticale and Wheat only: From 3 leaf to flag leaf just visible (GS13 to GS37) |
| | Up to 630 mL | | From 5 leaf to flag leaf just visible (GS15 to GS37) |
| Bronco® MA-X | Up to 500 mL | | From 3 leaf to fully tillered/start of jointing (GS13 to GS30) |
| Picoflex® + ADAMA MCPA 750 | 65 + 340 mL to 80 + 420 mL | | Early tillering (main shoot has 4-5 leaves and 2 or more new tillers have formed to start of jointing (GS30)) |
| | 110 + 560 mL | | From early tillering until the fully tillered stage before jointing occurs (GS21 to GS30) |
| Cutlass® 500 | 160 mL | | From 3 leaf to flag leaf just visible (GS13 to GS37) |
| Flagship® 400 | Up to 500 mL | Five-leaf stage – second node detectable (GS15 to GS32) | |
| Zulu® XT | Up to 500 mL | Wetspray® 1000 at 200 mL/100 L ² | From 3 leaf to fully tillered stage (GS13 to GS30) |
| Triathlon® | Up to 1 L | | |

Table 4: INDEX OF PRIORITY® TANK MIXTURES BY SITUATION

Refer to the specific tables for details on PRIORITY® and tank mixture partners by situation.

| Table number | Situation | Primary tank mix partner(s) | Additional potential tank mix partners depending on target weed(s) |
|--------------|---|--------------------------------|--|
| 5 | Wheat, Barley, Oats, Triticale | Flagship® 400 | Cutlass®, Bronco® MA-X, Picoflex® + ADAMA MCPA 750, LVE MCPA 570 |
| 6 | Wheat, Barley, Triticale | 2,4-D LV Ester 680 or Zulu® XT | Picoflex® + ADAMA MCPA 750 |
| 7 | Wheat, Barley, Oats, established Ryegrass pastures, Triticale | LVE MCPA 570 | - |
| 8 | Wheat, Barley, Oats, Triticale | Triathlon® | - |
| 9 | Fallow | Flagship® 400 | Wipe-Out® Pro |

Table 5. WEEDS CONTROLLED OR SUPPRESSED WHEN APPLIED IN A TANK MIX WITH FLAGSHIP® 400 IN WHEAT, BARLEY, OATS AND TRITICALE ONLY
Refer to Table 3 for recommended crop growth stages and adjuvants when applying with FLAGSHIP® 400 and other tank mix partners

| WEED | WEED STAGE | PRIORITY® RATE/ha | FLAGSHIP® 400 AND PARTNER RATE/ha | CRITICAL COMMENTS |
|---|---|-------------------|--|--|
| Bedstraw (<i>Galium tricornutum</i>) | 1 to 3 whorl Suppression | 20 to 25 mL | 375 to 500 mL | Apply to actively growing weeds. Best results are usually achieved when weeds are small (2 - 4 leaf). Some regrowth can occur when above average spring rainfall occurs. Weed control will usually take more than four weeks to be achieved, depending on the conditions. |
| | 1 to 3 whorl (control) | 15 to 20 mL | 250 to 375 mL + 315 to 630 mL ADAMA LVE MCPA 570 | |
| Fumitory (<i>Fumaria densiflora</i>) | Up to 4 leaf | | | Mixing partners with PRIORITY® can help improve weed control and broaden the weed spectrum but may reduce the crop selectivity. Refer to Table 3 for crop growth stages for PRIORITY® applied with various tank mix partners. |
| Medic, volunteers (<i>Medicago</i> spp.) | Up to 6 leaf | | | |
| Turnip weed (<i>Rapistrum rugosum</i>) | Up to 8 leaf and no more than 15 cm diameter | 15 to 25 mL | 250 to 500 mL + 630 mL ADAMA LVE MCPA 570 | Apply the lower rates of tank mix partner herbicides on small weeds and higher rates when targeting higher weed densities and/or larger weeds within the specified size range. Higher rates generally provide faster burndown, better final control and/or fewer surviving weeds. Integrated Weed Management: Weeds that survive treatment must not be allowed to set viable seed. Use another management technique or herbicide from a different mode-of-action group to avoid viable seed production. |
| Bittercress (<i>Coronopus didymus</i>), Indian hedge mustard (<i>Sisymbrium orientale</i>), Wild radish (<i>Raphanus raphanistrum</i>), Wild turnip (<i>Brassica tournefortii</i>) | | | | |
| Shepherd's purse (<i>Bidens pilosa</i>), Stonecrop (<i>Crassula sieberiana</i> , <i>C. helmsii</i>), Wireweed (<i>Polygonum aviculare</i>) | Up to 4 leaf | 20 to 25 mL | 375 to 500 mL + 315 to 630 mL ADAMA LVE MCPA 570 | Crop safety: Refer to Crop Safety section in the general instructions for more information on potential crop effects from PRIORITY® tank mixtures. |
| Annual Ground Cherry, Wild Gooseberry (<i>Physalis</i> spp.), Thornapples (<i>Datura</i> spp.) | 2 to 8 leaf, up to 15 cm tall | 20 mL | 375 mL | Faba beans: Apply with ADAMA LVE MCPA 570 or Cutlass® 500 and at higher rates to control larger weeds/more complete control and to broaden the weed spectrum. |
| Apple of Peru (<i>Nicandra physalodes</i>) | Seedlings up to 15 cm tall | | | Lupins: The addition of 315 mL of ADAMA LVE MCPA 570 can improve the control of lupins. |
| Bathurst Burr (<i>Xanthium spinosum</i>), Noogoora Burr (<i>Xanthium strumarium</i>) | 2 to 8 leaf stage, up to 20cm tall | 20 mL | 375 mL | Mexican poppy: Target up to a maximum diameter of 10 cm, irrespective of the number of leaves. |
| Doublegee/Spiny emex (<i>Emex australis</i>) | Up to 4 leaf | 15 to 25 mL | 250 to 500 mL | Vetch: The addition of 315 mL of ADAMA LVE MCPA 570 or Cutlass® 500 can improve the control of vetch. |
| Caltrop (Yellow Vine) including: <i>Tribulus terrestris</i> , <i>T. maximus</i> and <i>T. micrococcus</i> | Up to 15 cm diameter | 25 mL | 500 mL | NOTE: Application of PRIORITY® in tank mixtures with Cutlass may increase phytotoxicity. Refer to the Crop Safety section of the General Instructions. |
| Cleavers (<i>Galium aparine</i>) | 1 to 3 whorl | | | Rotational crops: PRIORITY® and some tank mix partner herbicides have some soil residual activity and can damage susceptible rotational crops. Please refer to both the Rotational Crops section below and the tank mix partner herbicides for guideline on safe re-cropping (plantback) intervals. |
| Dwarf amaranth (<i>Amaranthus macrocarpus</i>) | Seedlings up to 15 cm tall or rosettes up to 15 cm diameter | | | |
| Marshmallow or Smallflower Mallow (<i>Malva parviflora</i>) | Up to 8 leaf, or 20 cm | | | |
| Prickly lettuce (<i>Lactuca serriola</i>), Sowthistle (<i>Sonchus oleraceus</i>) | 2 to 5 leaf | | | |
| Polymeria (<i>Polymeria pusilla</i>) | 2 to 10 leaf, up to 20 cm diameter | | | |
| Rhynchosia (<i>Rhynchosia minima</i>) | Seedlings up to early flowering | | | |
| Volunteer Sunflowers | 2 to 5 leaf up to 20 cm | | | |
| Pigweed (<i>Portulaca oleracea</i>) | Up to 10 cm diameter | 15 mL | 250 mL | |
| Turnip weed (<i>Rapistrum rugosum</i>) | Up to 4 leaf and no more than 10 cm in diameter | 15 to 25 mL | 250 to 500 mL | |
| Wild radish (<i>Raphanus raphanistrum</i>) | | 20 to 25 mL | 375 to 500 mL | |
| Capeweed (<i>Arctotheca calendula</i>) | Up to 4 leaf and no more than 6 cm diameter | 15 to 20 mL | 250 to 375 mL | |
| | 4-6 leaf | 25 mL | 500 mL + 630 mL ADAMA LVE MCPA 570 | |

| WEED | WEED STAGE | PRIORITY® RATE/ha | FLAGSHIP® 400 AND PARTNER RATE/ha | CRITICAL COMMENTS |
|--|---------------------------------|-------------------|---|--|
| Vetch, volunteers (<i>Vicia sativum</i>), Tares (<i>Vicia villosa</i>) | Up to 6 branches | 15 to 25 mL | 250 to 500 mL | <p>Apply to actively growing weeds. Best results are usually achieved when weeds are small (2 - 4 leaf). Some regrowth can occur when above average spring rainfall occurs. Weed control will usually take more than four weeks to be achieved, depending on the conditions.</p> <p>Mixing partners with PRIORITY® can help improve weed control and broaden the weed spectrum but may reduce the crop selectivity. Refer to Table 3 for crop growth stages for PRIORITY® applied with various tank mix partners.</p> <p>Apply the lower rates of tank mix partner herbicides on small weeds and higher rates when targeting higher weed densities and/or larger weeds within the specified size range. Higher rates generally provide faster burndown, better final control and/or fewer surviving weeds.</p> <p>Integrated Weed Management: Weeds that survive treatment must not be allowed to set viable seed. Use another management technique or herbicide from a different mode-of-action group to avoid viable seed production.</p> <p>Crop safety: Refer to Crop Safety section in the general instructions for more information on potential crop effects from PRIORITY® tank mixtures.</p> <p>Faba beans: Apply with ADAMA LVE MCPA 570 or Cutlass® 500 and at higher rates to control larger weeds/more complete control and to broaden the weed spectrum.</p> <p>Lupins: The addition of 315 mL of ADAMA LVE MCPA 570 can improve the control of lupins.</p> <p>Mexican poppy: Target up to a maximum diameter of 10 cm, irrespective of the number of leaves.</p> <p>Vetch: The addition of 315 mL of ADAMA LVE MCPA 570 or Cutlass® 500 can improve the control of vetch.</p> <p>NOTE: Application of PRIORITY® in tank mixtures with Cutlass may increase phytotoxicity. Refer to the Crop Safety section of the General Instructions.</p> <p>Rotational crops: PRIORITY® and some tank mix partner herbicides have some soil residual activity and can damage susceptible rotational crops. Please refer to both the Rotational Crops section below and the tank mix partner herbicides for guideline on safe re-cropping (plantback) intervals.</p> |
| Volunteer Chickpea, Lentils | Up to 5 branches | | 250 to 500 mL | |
| Volunteer Field peas | | 25 mL | 500 mL | |
| | | 20 mL | 375 mL + 630 mL ADAMA LVE MCPA 570 OR 160 mL Cutlass® 500 | |
| Volunteer Lupins | | | 375 mL | |
| Volunteer Faba beans | Up to 4 leaf | | | |
| Volunteer Faba beans | Up to 4 leaf | 20 to 25 mL | 375 to 500 mL + 315 to 630 mL ADAMA LVE MCPA 570 | |
| | | 15 to 20 mL | 250 to 375 mL + 160 mL Cutlass® 500 | |
| Climbing buckwheat/Black bindweed (<i>Fallopia convolvulus</i>) | Up to 2 leaf | 20 mL | 375 mL | |
| | 2-6 leaf | 25 mL | 500 mL | |
| | | 15 mL | 250 mL + 110 mL Picoflex® + 560 mL ADAMA MCPA 750 | |
| Doublegee/Spiny emex (<i>Emex australis</i>), Prickly lettuce (<i>Lactuca serriola</i>), Saffron thistle (<i>Carthamus lanatus</i>), Sowthistle (<i>Sonchus oleraceus</i>), Turnip weed (<i>Rapistrum rugosum</i>), Variegated thistle (<i>Silybum marianum</i>), Wild radish (<i>Raphanus raphanistrum</i>), Wild turnip (<i>Brassica tournefortii</i>) | Up to 8 leaf | | 250 mL + 110 mL Picoflex® + 560 mL ADAMA MCPA 750 | |
| New Zealand spinach (<i>Tetragonia tetragonioides</i>), Skeleton weed (<i>Chondrilla juncea</i>) | Up to 4 leaf | | 250 mL + 110 mL Picoflex® + 560 mL ADAMA MCPA 750 | |
| Wild turnip (<i>Brassica tournefortii</i>) | Up to 4 leaf | | 250 mL + 65 mL Picoflex® + 340 mL ADAMA MCPA 750 | |
| Saffron thistle (<i>Carthamus lanatus</i>) | | | 250 mL + 80 mL Picoflex® + 420 mL ADAMA MCPA 750 | |
| Doublegee/ Spiny emex (<i>Emex australis</i>), Turnip weed (<i>Rapistrum rugosum</i>), Wild turnip (<i>Brassica tournefortii</i>) | Up to 6 leaf | | | |
| Wireweed (<i>Polygonum aviculare</i>) | Up to 4 leaf | | | |
| Mexican poppy (<i>Argemone mexicana</i>) | Up to 4 leaf | 25 mL | 500 mL | |
| | Up to 6 leaf | 15 to 20 mL | 250 to 375 mL + 500 mL Bronco® MA-X | |
| Wild radish (<i>Raphanus raphanistrum</i>) | Up to 8 leaf | | | |
| Rough poppy (<i>Papaver hybridum</i>) | Up to 2 leaf (Suppression only) | 25 mL | 500 mL + 630 mL ADAMA LVE MCPA 570 | |
| | Up to 2 leaf | | 500 mL + 540 mL Bronco® MA-X | |

Table 6. WEEDS CONTROLLED OR SUPPRESSED WHEN APPLYING PRIORITY® IN A TANK MIX WITH 2,4-D LV ESTER 680 OR ZULU® XT IN WHEAT, BARLEY AND TRITICALE ONLY

Refer to Table 3 for recommended crop growth stages and adjuvants when applying with 2,4-D and other tank mix partners.

| WEED | WEED STAGE | PRIORITY® RATE/ha | 2,4-D PRODUCT AND RATE/ha | CRITICAL COMMENTS |
|--|---|---|---|---|
| Bedstraw (<i>Galium</i> spp.) | Up to 6 whorl and not more than 100 mm in height | 25 mL | 360 mL 2,4-D LV Ester 680 | <p>Apply to actively growing weeds. Best results are usually achieved when weeds are small (2-4 leaf). However, actively growing weeds larger than the range specified (in the weed stage column) will often be well controlled if treated under warm conditions. Some regrowth can occur when above average spring rainfall occurs.</p> <p>Integrated Weed Management: Weeds that survive treatment must not be allowed to set viable seed. Use another management technique or herbicide from a different mode-of-action group to avoid viable seed production.</p> <p>Apply to actively growing weeds. Best results are usually achieved when weeds are small (2-4 leaf). However, actively growing weeds larger than the range specified (in the weed stage column) will often be well controlled if treated under warm conditions. Some regrowth can occur when above average spring rainfall occurs.</p> <p>Crop safety: Refer to Crop Safety section in the general instructions for more information on potential crop effects from PRIORITY® tank mixtures.</p> <p>Climbing buckwheat and Variegated thistle: At the time of application, weeds must be actively growing under conditions of good soil moisture. Suppression of Climbing buckwheat and Variegated thistle is provided for up to 6 leaf plants growing under conditions of good soil moisture.</p> <p>Turnip weed, Volunteer chickpea and Volunteer faba bean: Apply to actively growing weeds. Best results are usually achieved when majority of weeds are small (<4 leaf). Some regrowth can occur when above average spring rainfall occurs.</p> <p>Rotational crops: PRIORITY® and some tank mix partner herbicides have some soil residual activity and can damage susceptible rotational crops. Please refer to both the Rotational Crops section below and the tank mix partner herbicides for guideline on safe re-cropping (plantback) intervals.</p> |
| Capeweed (<i>Arctotheca calendula</i>), Erodium/Common Storks Bill (<i>Erodium cicutarium</i>), Indian hedge mustard (<i>Sisymbrium orientale</i>) | Up to 4 leaf and 60 mm diameter | | 500 mL Zulu® XT | |
| Doublegee/ Spiny emex (<i>Emex australis</i>) | Up to the 4 leaf stage and not more than 100 mm in diameter | | 360 mL 2,4-D LV Ester 680 | |
| Indian hedge mustard (<i>Sisymbrium orientale</i>), Turnip weed (<i>Rapistrum rugosum</i>), Wild turnip (<i>Brassica tournefortii</i>), Wild radish (<i>Raphanus raphanistrum</i>), Volunteer conventional/ triazine tolerant canola (<i>Brassica napus</i>) | Up to the 4 leaf stage and not more than 100 mm in diameter | | 360 mL 2,4-D LV Ester 680 | |
| Vetch (<i>Vicia</i> spp.), Volunteer Chickpea, Lentil, Lupin | Up to the 6 leaf stage and not more than 120 mm in height | | 360 mL 2,4-D LV Ester 680 OR 500 mL Zulu® XT | |
| Burr medic (<i>Medicago polymorpha</i>) | Up to the 5 leaf stage | | | |
| Volunteer Faba bean (<i>Vicia faba</i>) | Up to the 6 leaf stage and not more than 150 mm in height | | | |
| Volunteer Field peas | Up to the 6 node stage and not more than 150 mm in height | 360 mL 2,4-D LV Ester 680 OR 500 mL Zulu® XT | | |
| Climbing buckwheat/ Black bindweed (<i>Fallopia convolvulus</i>), Variegated thistle (<i>Silybum marianum</i>) Suppression only | Up to 6 leaf stage | 360 mL 2,4-D LV Ester 680 | | |
| Climbing buckwheat/ Black bindweed (<i>Fallopia convolvulus</i>), Variegated thistle (<i>Silybum marianum</i>) | | 20 mL/ha | 270 mL 2,4-D LV Ester 680 + 110 mL Picoflex® + 560 mL ADAMA MCPA 750 | |
| Turnip weed (<i>Rapistrum rugosum</i>), Volunteer Chickpea, Faba bean | Up to 4 leaf stage and not more than 100 mm in diameter/ height | | | |

Table 7. WEEDS CONTROLLED OR SUPPRESSED WHEN APPLYING PRIORITY® IN A TANK MIX WITH LVE MCPA 570 IN WHEAT, BARLEY, OATS, TRITICALE AND ESTABLISHED RYEGRASS PASTURES ONLY

Refer to Table 3 above for recommended crop growth stages and adjuvants when applying with LVE MCPA 570 and other tank mix partners.

| WEED | WEED STAGE | PRIORITY® RATE/ha | LVE MCPA 570 RATE/ha | CRITICAL COMMENTS |
|--|---|-------------------|----------------------|--|
| Bedstraw (<i>Galium</i> spp.) | Up to 6 whorl and not more than 100 mm in height | 25 mL | 440 mL | Apply to actively growing weeds. Best results are usually achieved when weeds are small (2-4 leaf). However, actively growing weeds larger than the range specified (in the weed stage column) will often be well controlled if treated under warm conditions. Some regrowth can occur when above average spring rainfall occurs. Integrated Weed Management: Weeds that survive treatment must not be allowed to set viable seed. Use another management technique or herbicide from a different mode-of-action group to avoid viable seed production. Crop safety: Refer to Crop Safety section in the general instructions for more information on potential crop effects from PRIORITY® tank mixtures. Capeweed: Control of Capeweed can be expected if actively growing weeds are treated in warm conditions. Conversely, control may be reduced by frosts in the 1-2 days preceding application as well as cold, wet conditions that slow plant growth. Some regrowth may occur when above average spring rainfall occurs. Turnip weed, Volunteer chickpea and Volunteer faba bean: Apply to actively growing weeds. Best results are usually achieved when majority of weeds are small (<4 leaf). Some regrowth can occur when above average spring rainfall occurs. Rotational crops: PRIORITY® and some tank mix partner herbicides have some soil residual activity and can damage susceptible rotational crops. Please refer to both the Rotational Crops section below and the tank mix partner herbicides for guideline on safe re-cropping (plantback) intervals. |
| Doublegee/ Spiny emex (<i>Emex australis</i>) | Up to the 4 leaf stage and not more than 100 mm in diameter | | | |
| Indian hedge mustard (<i>Sisymbrium orientale</i>), Turnip weed (<i>Rapistrum rugosum</i>), Wild turnip (<i>Brassica tournefortii</i>), Wild radish (<i>Raphanus raphanistrum</i>), Volunteer conventional/ triazine tolerant canola (<i>Brassica napus</i>) | Up to the 8 leaf stage and not more than 150 mm in diameter | | | |
| Capeweed (<i>Arctotheca calendula</i>) | Up to the 4 leaf stage and not more than 100 mm in diameter | | | |
| Vetch, (<i>Vicia</i> spp.) Volunteer Chickpea, Lentil, Lupin | Up to the 6 leaf stage and not more than 120 mm in height | | | |
| Volunteer Faba bean | Up to the 6 leaf stage and not more than 150 mm in height | | | |
| Volunteer Field peas | Up to the 6 node stage and not more than 150 mm in height | 20 mL/ha | 315 mL | |
| Turnip weed (<i>Rapistrum rugosum</i>), Volunteer Chickpea, Faba bean | Up to 4 to 6 leaf stage and not more than 100 mm in diameter/height | | | |

Table 8. WEEDS CONTROLLED OR SUPPRESSED WHEN APPLYING PRIORITY® IN A TANK MIX WITH TRIATHLON® IN WHEAT, BARLEY, OATS AND TRITICALE ONLY

Refer to Table 3 for recommended crop growth stages and adjuvants when applying with Triathlon®.

| WEED | WEED STAGE | PRIORITY® RATE/ha | PARTNER RATE/ha | CRITICAL COMMENTS |
|--|-------------------------------|-------------------|-------------------|---|
| Sub-clover (<i>Trifolium subterraneum</i>) | Up to 6 trifoliate leaf stage | 25 mL | 750 mL Triathlon® | Tank mixtures of PRIORITY® and Triathlon® will control other weeds listed on the Triathlon label when applied according to label guidelines. Crop safety: Refer to Crop Safety section in the general instructions for more information on potential crop effects from PRIORITY® tank mixtures. Rotational crops: PRIORITY® and some tank mix partner herbicides have some soil residual activity and can damage susceptible rotational crops. Please refer to both the Rotational Crops section below and the tank mix partner herbicides for guideline on safe re-cropping (plantback) intervals. |
| Volunteer Field pea, Vetch | Up to 5 node stage | 25 mL | 1 L Triathlon® | |

Table 9. WEEDS CONTROLLED OR SUPPRESSED IN FALLOW WHEN APPLIED IN A TANK MIX WITH FLAGSHIP® 400 AND OTHER TANK MIX PARTNERS

| Add Uptake ¹ Spraying Oil or equivalent formulation at 500 mL/100 L (0.5% v/v). Use a higher rate when targeting Silverleaf Nightshade as per Critical Comments below. | | | | | | |
|--|---|-------------|-----------------------------------|---|----------------|------------------------------------|
| WEED | WEED STAGE | RATE/ha | FLAGSHIP® 400 AND PARTNER RATE/ha | CRITICAL COMMENTS | | |
| Annual Ground Cherry, Wild Gooseberry (<i>Physalis</i> spp.) | 2 to 8 leaf, up to 15 cm tall | 20 mL | 375 mL | <p>Wipe-Out® Pro tank mixtures: When mixing with Wipe-Out® Pro to control both grass and broadleaf weeds, refer to the Wipe-Out® Pro label for use rates and adjuvants recommended for the grasses (see General Instructions; Compatibility Section). Other registered glyphosate formulations e.g. Wipe-Out® 450; can be used instead of Wipe-Out® Pro at an equivalent active ingredient rates providing all label guidelines are observed.</p> <p>Silverleaf Nightshade Apply with Uptake¹ Spraying Oil or equivalent formulation @ 1 L/100 L. To ensure maximum effect, delay application until the majority of shoots have emerged. Follow-up treatment will be required to control regrowth and is critical for optimal control. If wanting to prevent seed set repeat applications may be needed in the same season, although this does not lead to better long term control.</p> <p>Rotational crops: PRIORITY® and some tank mix partner herbicides have some soil residual activity and can damage susceptible rotational crops. Please refer to both the Rotational Crops section below and the tank mix partner herbicides for guideline on safe re-cropping (plantback) intervals.</p> | | |
| Bathurst Burr (<i>Xanthium spinosum</i>), Noogoora Burr (<i>Xanthium strumarium</i>) | 2 to 8 leaf stage, up to 20 cm tall | | | | | |
| Bedstraw (<i>Galium tricornutum</i>), Cleavers (<i>Galium aparine</i>) | Up to 5 whorl | 25 mL | 500 mL | | | |
| Apple of Peru (<i>Nicandra physalodes</i>) | Seedlings up to 15 cm tall | 20 mL | 375 mL | | | |
| Climbing buckwheat/Black bindweed (<i>Fallopia convolvulus</i>) | 2 to 8 leaf up to 10 cm diameter | | | | | |
| Doublegee/Spiny emex (<i>Emex australis</i>) | Up to 4 leaf | 15 to 25 mL | 250 to 500 mL | | | |
| Dwarf amaranth (<i>Amaranthus macrocarpus</i>) | Seedlings up to 15 cm tall or rosettes up to 15 cm diameter | 25 mL | 500 mL | | | |
| Marshmallow or Smallflower Mallow (<i>Malva parviflora</i>) | Up to 8 leaf, or 20 cm | | | | | |
| Volunteer Sunflowers | 2 to 5 leaf up to 20 cm | | | | | |
| Silverleaf Nightshade (<i>Solanum elaeagnifolium</i>) | From onset of flowering to early berry-set | 20 mL | 375 mL | | | |
| Pigweed (<i>Portulaca oleracea</i>) | Up to 10 cm diameter | 15 mL | 250 mL | | | |
| | 10-30 cm diameter | 20 mL | 375 mL + 850 mL Wipe-Out® Pro | | | |
| Bellvine (<i>Ipomoea plebeia</i>) | Pre-flowering | 15 mL | 250 mL + 1 L Wipe-Out® Pro | | | |
| | | | | | Bladder Ketmia | 4 to 8 leaf, up to 10 cm tall |
| | | | | | Cowvine | 2 to 10 leaf, up to 10 cm diameter |
| Caltrop (Yellow Vine) including: <i>Tribulus terrestris</i> , <i>T. maximus</i> and <i>T. micrococcus</i> | Up to 15 cm diameter | 25 mL | 500 mL | | | |
| | | 15 mL | 250 mL + 850 mL Wipe-Out® Pro | | | |
| Polymeria (<i>Polymeria pusilla</i>) | 2 to 10 leaf, up to 20 cm diameter | 25 mL | 500 mL | | | |
| | | 15 mL | 250 mL + 1 L Wipe-Out® Pro | | | |
| Rhynchosia (<i>Rhynchosia minima</i>) | Seedlings up to early flowering | 25 mL | 500 mL | | | |
| | | 15 mL | 200 mL + 0.7 L Wipe-Out® Pro | | | |
| Sowthistle (<i>Sonchus oleraceus</i>), Prickly lettuce (<i>Lactuca serriola</i>) | 2 to 5 leaf up to 10 cm in diameter | 25 mL | 500 mL + 0.5 L Wipe-Out® Pro | | | |
| Thornapples (<i>Datura</i> spp.) | 2 to 8 leaf, up to 15 cm tall | 20 mL | 375 mL | | | |
| | | 15 mL | 250 mL + 1 L Wipe-Out® Pro | | | |
| Wireweed (<i>Polygonum aviculare</i>) | 2 to 3 leaf up to 10 cm tall | 15 mL | 250 mL + 0.5 L Wipe-Out® Pro | | | |

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

HARVEST WITHHOLDING PERIODS

BARLEY, OATS, TRITICALE and WHEAT:

Tank mixtures with 2,4-D LV Ester 680, BRONCO® MA-X, Picoflex® + ADAMA MCPA 750, FLAGSHIP® 400, LVE MCPA 570, TRIATHLON®, ZULU® XT: NOT REQUIRED WHEN USED AS DIRECTED.

Tank mixtures with CUTLASS® 500: DO NOT HARVEST TREATED CROPS FOR 7 DAYS AFTER APPLICATION.

When using PRIORITY® Herbicide in a tank mixture with additional products, observe whichever product Harvest Withholding Period is the longer.

GRAZING WITHHOLDING PERIODS

WHEAT, BARLEY, OATS, TRITICALE, ESTABLISHED RYEGRASS PASTURES and WINTER FALLOW:

Tank mixtures with 2,4-D LV Ester 680, CUTLASS® 500, Picoflex® + ADAMA MCPA 750, FLAGSHIP® 400, LVE MCPA 570 and ZULU® XT: DO NOT GRAZE OR CUT TREATED CROPS FOR STOCK FEED FOR 7 DAYS AFTER APPLICATION.

Tank mixture with BRONCO® MA-X or TRIATHLON: DO NOT GRAZE OR CUT TREATED CROPS FOR STOCK FEED FOR 8 WEEKS AFTER APPLICATION.

When using PRIORITY® Herbicide in a tank mixture with additional products, observe whichever product Stockfood Withholding Period is the longer.

GENERAL INSTRUCTIONS

MIXING

PRIORITY® Herbicide is a suspension concentrate formulation. Ensure that PRIORITY® has completely resuspended before measuring to mix.

APPLICATION

Apply PRIORITY® Herbicide using an accurately calibrated spray rig in a water volume of 80-100 L/ha for application by ground boom and not less than 30 L/ha by aerial application.

COMPATIBILITY

For information on compatibility, please contact ADAMA Australia.

CLEANING SPRAY EQUIPMENT

After using PRIORITY® Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any tank, pump, line and nozzle filters.

Partial Cleaning (Rinse only) – before using rig to spray barley, triticale and wheat: After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.

Complete Cleaning (Decontamination) – before using rig to spray crops that are susceptible to PRIORITY® Herbicide:

- After cleaning the tank as above, quarter fill the tank with clean water and add a liquid alkali detergent at 500 mL/100 L water and circulate throughout the system for at least fifteen minutes. Note: Chlorine –based cleaners are NOT recommended.
- Drain the whole system. Then remove filters and nozzles and clean separately.
- Finally, rinse inside the tank thoroughly using a pressure hose and flush 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 their roots and watercourses.

CROP SAFETY

Cereals: Barley and oats are typically less tolerant than wheat. While grain yields are unaffected, slight transient yellowing and growth retardation may occur in some conditions. Crop recovery is usually rapid, but may be slower if crops are stressed due to prolonged periods of extreme cold, moisture stress (waterlogging or drought), nutritional stress, root disease, following frosts or previous herbicide treatment. Only apply PRIORITY® at the recommended crop growth stages as per the guidelines in Table 3.

Tank mixtures with other herbicides may result in additional phytotoxicity. Prior to applying PRIORITY®, ensure the label of the tank mix partner is reviewed to ensure both PRIORITY® and tank mix partner label recommendations are observed.

Warning (oats): The tolerance of all oat varieties to PRIORITY® has not been tested. Test a small area of crop before using PRIORITY® tank mixtures over large areas of the varieties with which you don't have experience. Consult your local Adama Australia representative for advice on specific varieties.

Established Ryegrass Pastures: Ryegrass is genetically diverse and not all cultivars have been tested for tolerance to PRIORITY® or PRIORITY® plus LVE MCPA 570. Test a small area of crop before using PRIORITY® tank mixtures over large areas of the varieties with which you don't have experience.

Ryegrass pasture growth is typically unaffected following PRIORITY® application to established stands. However, minor, transient chlorosis and growth retardation may result. Applying PRIORITY® to pastures that are stressed, regardless of the cause, increases the risk of slowing pasture growth. Conversely, actively growing, healthy pastures are more likely to recover quickly following herbicide application, even if initial symptoms are apparent.

ROTATIONAL CROPS

PRIORITY® is primarily broken down in soil by microbial activity. Under conditions not conducive to microbial activity e.g. dry seasons, cold and/or waterlogged soils; it may take longer to degrade.

Re-cropping intervals to winter crops after an application of PRIORITY® in a tank mixture with 2,4-D, Bronco® MA-X, Cutlass® 500, Flagship® 400, MCPA or Wipe-Out® Pro:

| Crop to be sown | Minimum re-cropping interval | Minimum rainfall requirements from application to planting |
|--|------------------------------|--|
| Wheat, barley, triticale | 1 week | None |
| Oats | 6 weeks | 25 mm |
| Sub clover, canola, chickpeas, faba bean, field pea, lentils, lupins, medic, vetch | 8 months | 100 mm |

Re-cropping intervals to summer crops after an application of PRIORITY® in a tank mixture with 2,4-D, Bronco® MA-X, Cutlass® 500, Flagship® 400, MCPA, Triathlon or Wipe-Out® Pro:

| Crop to be sown | Minimum re-cropping interval | Minimum rainfall requirements from application to planting |
|---|------------------------------|--|
| Maize, sorghum | 4 months | 100 mm |
| Mung beans | 5 months | 150 mm |
| All other summer crops including: Cotton, sunflowers, soybeans | 6 months | 150 mm |

For tank mixtures of PRIORITY® with Picoflex® + ADAMA MCPA 750, plantback intervals are longer for one or more crops in the winter and summer re-cropping tables above. Refer to the product label for the tank mix partner(s) and the PRIORITY® label guidelines and observe whichever plantback interval is longer (and any other guidelines i.e. minimum rainfall requirements, soil pH).

RESISTANT WEEDS WARNING

PRIORITY® is a member of the triazolopyrimidine sulfonanilide group of herbicides which inhibit acetolactate synthase (ALS). For herbicide resistance management, PRIORITY® is a Group B herbicide. Some naturally occurring weed biotypes resistant to Group B 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 this product or other Group B herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Adama accepts no liability for any losses that may result from the failure of the product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.

GROUP B HERBICIDE

INTEGRATED PEST MANAGEMENT

Tank mix with 2,4-D LV ESTER 680 and Picoflex® + ADAMA MCPA 750: Not compatible with integrated pest management (IPM) programs utilising parasitic arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Avoid spray drift onto susceptible crops such as cotton, tobacco, tomatoes, vines, fruit trees, vegetables, legume crops and pastures, oilseed crops and susceptible trees (e.g. Kurrajongs, Belahs, Eucalyptus).

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product 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.

1L: Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and 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.

drumMuster Containers: This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple rinse container for disposal. Dispose of rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemical 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 program 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 the original sealed 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. The 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. When using together with other products, consult their label safety directions. When opening the container and preparing product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

RE-ENTRY

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.

FIRST AID

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 PRIORITY® is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of PRIORITY® 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 purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

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