

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**



**ADAMA**

# **POLARIS® ACCELERATE**

<b>GROUP</b>	<b>G</b>	<b>HERBICIDE</b>
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**A non-residual, non-selective herbicide for weed control prior to planting crops and pasture, prior to harvesting some crops and for general weed control in horticulture, agriculture and forestry**

**READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

**Active Ingredient:**

Contains 540 g/L GLYPHOSATE present as the POTASSIUM SALT in the form of a soluble concentrate

ADAMA New Zealand Limited  
Level 1, 93 Bolt Road  
Tahunanui, Nelson 7011  
PO Box 1799, Nelson 7040  
New Zealand  
Telephone 03 543 8275  
www.adama.com

NET CONTENTS  
5 L, 10 L,  
20 L, 110 L,  
200 L, 1000 L

**REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.****HAZARD CLASSIFICATIONS: 6.3B, 8.3A, 9.1B****PCBU RESPONSIBILITIES:**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

**WARNING**

**Causes mild skin irritation.**

**Causes serious eye damage.**

**Toxic to aquatic life with long lasting effects.**

**HANDLING PRECAUTIONS**

Keep out of reach of children.

Wear personal protective equipment as described in the personal protection section of this label.

**EQUIPMENT**

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

**STORAGE**

Store in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where 1000 L or more of this product are stored. Refer to the product SDS for further information.

**SHELF LIFE**

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**PERSONAL PROTECTION**

When mixing or applying wear appropriate protective clothing including impervious, elbow-length gloves and eye protection. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

**SPILLAGE**

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as above to clean up spills. Absorb liquid spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

**DISPOSAL**

**Container Disposal** - Triple rinse empty container and add rinsate to spray tank. Submit clean, empty container to an Agrecovery® depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

**Product Disposal** - Dispose of this product only by using according to the label or through the Agrecovery® Chemical Recovery service or other approved facility.

**FIRST AID**

**If medical advice is needed, have product container or label at hand.**

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

**IF ON SKIN:** If skin irritation occurs, get medical attention.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. **IMMEDIATELY** call a POISON CENTRE or doctor.

## CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



Registered to and distributed by:  
ADAMA New Zealand Limited  
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PO Box 1799, Nelson 7040  
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Telephone 03 543 8275  
www.adama.com

Registered pursuant to the ACVM Act 1997, No. P8864  
See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR100923  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

Polaris is a registered trademark of an ADAMA Group Company



### EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand  
**0800 734 607**

In a Transport  
Emergency  
Phone 111  
Police or Fire

Batch Number:  
Date of Manufacture:

*Bar code to be inserted*

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## SAFETY DATA SHEET

A Safety Data Sheet for this product is available at [adama.com](http://adama.com) or from ADAMA New Zealand Limited on request. Call 03 543 8275.

## PRODUCT INFORMATION

POLARIS ACCELERATE is a broad spectrum, non-selective, non-residual herbicide that is not volatile and may be used in agriculture, horticulture, drains, aquatic areas, forestry and for other uses including general weed control. POLARIS ACCELERATE is recommended prior to sowing pasture, crops and for the control of a wide range of brushweeds.

POLARIS ACCELERATE is absorbed by plant foliage and green stems. It is inactivated immediately upon contact with the soil and does not provide residual weed control. POLARIS ACCELERATE moves from the point of foliage or stem contact into the root system controlling the plant above and below the ground. Visible effects may take up to 14 days or even longer depending on growing conditions. These effects are a gradual wilting and yellowing of the foliage which advances to deterioration of above and below ground parts.

Apply POLARIS ACCELERATE only to healthy, actively growing plants with adequate leaves for herbicide uptake. Avoid treating plants that are silt laden or affected by drought, frost, water logging, grazing or previous herbicide application.

Rainfall occurring up to 2 hours after application may reduce effectiveness. When AGROSIL® is added the rainfree period may be reduced to 30 minutes. If POLARIS ACCELERATE is applied to wet plants, efficacy may be reduced due to runoff.

After application of POLARIS ACCELERATE a withholding period for grazing stock is not required (except where ragwort is present). However, it is recommended that grazing or cultivating is delayed for 1 day after treatment of annual weeds or 3 days if perennial weeds are present to ensure absorption of POLARIS ACCELERATE.

With brushweeds wait for stem dehydration to occur prior to burning or slashing.

## WEEDS CONTROLLED

WEED	BOOM OR AERIAL L/HA	HANDGUN VOL/100 L	KNAPSACK ML/10 L	MISTBLOWER ML/10 L	CRITICAL COMMENT
<b>BRUSHWEEDS</b>					
<b>BARBERRY</b> ( <i>Berberis glaucocarpa</i> )	-	660 mL	66	200	Apply Jan. to Apr. from flowering to late fruit. Where bushes have been cut, regrowth should be 1.5 m tall before spraying.

<b>BLACKBERRY</b> ( <i>Rubus fruticosus</i> )	6-13	660 mL–1 L	66	200	Apply to healthy plants from blossom to ripe fruit stage prior to autumn frosts (Dec. to Apr.). Only bushes with a well-developed canopy of leaves should be treated. Early treatment (Dec. to Jan.) may be preferred in drought prone areas. Leave sprayed blackberry for 40-60 days before burning or slashing and oversow the area. Where treatment has been carried out under marginal conditions some regrowth can be expected within 1-2 years. For aerial application of hard to kill blackberry or where no follow-up pasture management is anticipated, use the higher rate.
<b>BOXTHORN</b> ( <i>Lycium ferocissimum</i> )	-	830 mL	-	-	Apply Nov. to Apr. to actively growing plants. Avoid salt damaged plants. Spray to ensure complete coverage of dense thickets. DO NOT USE ADDITIONAL surfactant as poor results may occur.
<b>BRACKEN</b> ( <i>Pteridium aquilinum</i> )  <b>AGROSIL MUST BE USED</b>	6 + ARGOSIL 250 mL/100 L (min 500 mL/ha)	660 mL + ARGOSIL 200 mL/100 L	66 + ARGOSIL 20 mL	-	Apply when fronds are unfurled (mid Jan. to June) but prior to frost browning.  DENSE VIRGIN BRACKEN WITH HIGH TRASH CONTENT AND LOW LEAF TO ROOT RATIO SHOULD BE BURNT IN SPRING AND THE UNFURLED FROND REGROWTH SPRAYED THE FOLLOWING MARCH TO JUNE.
<b>BROOM</b> ( <i>Cytisus scoparius</i> )  <b>AGROSIL MUST BE USED</b>	6 + ARGOSIL 250 mL/100 L (min 500 mL/ha)	660ml + ARGOSIL 200 mL/100 L	66 + ARGOSIL 20mL	66 + ARGOSIL 20mL	<b>Aerial Application:</b> Best results are obtained when plants are in full leaf. <b>Handgun Application:</b> Apply all year round. Ensure full coverage.
<b>BUDDLEJA</b> ( <i>Buddleja davidii</i> )	6	660 mL	66	-	<b>Handgun:</b> If actively growing treat all year. <b>Aerial:</b> Treat buddleja up to 2 metres high during Feb. to Apr.

<b>GORSE</b> ( <i>Ulex europaeus</i> L)  <b>AGROSIL MUST BE USED</b>	-	660 mL + ARGOSIL 200 mL/100 L	-	-	Apply all year round. <b>Spray to ensure complete coverage.</b>
<b>OLD MAN'S BEARD</b> ( <i>Clematis vitalba</i> )	-	660 mL–1.3 L	130	-	Apply Nov. to Mar. prior to leaf senescence. Vines too high for complete coverage should be cut at ground level in winter or spring and the regrowth sprayed in Mar, when plants are at least 0.5 m long. Follow up treatment will be necessary to control seedlings. Use the low rate for small vines.
<b>PAMPAS GRASS/TOETOE</b> ( <i>Cortaderia spp.</i> )	-	660 mL	66	-	Apply spring-autumn. Ensure complete coverage. Best results are achieved when applied after flowering.
<b>RING FERN</b> ( <i>Paesia scaberula</i> )	660 mL–2 L	200 mL	23	-	Control: Apply 2 L/ha in Jan. to Apr. Pasture Manipulation: Apply 700 mL – 1.4 L/ha Dec. to Apr. Use the high rate for dense infestation. Burn 4-6 weeks after treatment and oversow with pasture.
<b>SWEET BRIER</b> ( <i>Rosa rubiginosa</i> )  <b>AGROSIL MUST BE USED</b>	8 L+ ARGOSIL 250 mL/100 L (min 500 mL/ha)	660 mL + ARGOSIL 200 mL/100 L	66 + ARGOSIL 20 mL	-	Apply from late flowering to early leaf yellowing. Best results achieved with full coverage.
<b>WILLOW</b> ( <i>Salix species</i> )	9-12 + ARGOSIL 250 mL/100 L (min 500 mL/ha)	660 mL + ARGOSIL 200 mL/100 L	-	-	Apply from Jan. to Apr. before leaf fall begins. Total spray coverage is essential for best results. Use the high rate for pussy willow control.
<b>ANNUAL WEEDS</b>					
<b>ANNUAL WEEDS</b> (Seedlings)	660 mL – 1.3 L	130 mL	13	40	Use higher rate for larger weeds.
<b>BARLEY GRASS</b> ( <i>Hordeum murinum</i> )	660 mL	130 mL	13	40	
<b>CLEAVERS</b> ( <i>Galium aparine</i> )	1	330 mL	33	100	



<b>RYEGRASS</b> <b>Short rotation</b> <b>(Annual, Italian, Hybrid)</b> <b>Established &lt; 8 months</b>	2 - 2.7 + ARGOSIL 100 mL/100 L	660 mL + ARGOSIL 100 mL/100 L	66 + ARGOSIL 10 mL	200 + ARGOSIL 10 mL	Ensure plants are actively growing and have at least 5-10 cm of green leaf. Add AGROSIL at all times.
	<b>Established &gt; 8 months</b> 2.7 + ARGOSIL 100 mL/100 L	660 mL + ARGOSIL 100 mL/100 L	66 + ARGOSIL 10 mL	200 + ARGOSIL 10 mL	
<b>PERENNIAL WEEDS</b>					
<b>AUSTRALIAN SEDGE</b> <b>(<i>Carex longebrachita</i>)</b> <b>Wiper*</b>	4 6 Aerial	660 mL	66	200	Apply from Nov. to Mar. Where rank growth is present the area should be burnt 12-18 months prior to aerial application to ensure adequate spray coverage.
<b>BROWNTOP</b> <b>(<i>Agrostis capillaries</i>)</b>	4	660 mL	66	200	Apply to 5–10 cm high actively growing plants. Some regrowth may occur. Long-term control requires a pasture renewal programme utilizing annual crops and repeat applications of POLARIS ACCELERATE before re-establishing perennial pasture.
<b>CALIFORNIAN THISTLE</b> <b>(<i>Cirsium arvense</i>)</b> <b>Wiper*</b>	2.7	660 mL	66	200	Apply after flower bud development but before autumn browning. To ensure maximum shoot emergence do not cultivate for 6 months prior to treatment. Wiper - A double pass at low speed is recommended in heavy infestations. Mowing thistles 10 days after treatment may assist control. Retreatment may be necessary in the following season.

<b>COUCH</b> <b>(<i>Elytrigia repens</i>)</b>	2 – 4	660 mL	66	200	For suppression use 2 L/ha, for control use 2.7–4 L/ha when growing conditions are satisfactory. Autumn treatment is preferable. Use the high rate in late spring. Apply to plants with at least 4-5 leaves and active shoot and root growth. Do not cultivate for 6 months prior to application to ensure maximum shoot emergence. Long-term control requires a pasture renewal programme utilizing annual crops and repeat applications of POLARIS ACCELERATE before re-establishing perennial pasture.  See the Use Recommendations section for control of couch in a pre-harvest situation.
<b>CHEWINGS FESCUE</b> <b>(<i>Festuca rubra</i> subsp. <i>commutate</i>)</b>  <b>RED FESCUE</b> <b>(<i>Festuca rubra</i> subsp. <i>rubra</i>)</b>	6 + AGROSIL 100 mL/100 L	660 mL + AGROSIL 100 mL/100 L	-	-	Apply to healthy actively growing plants with 10-15 cm leaf length. Spring treatment gives best results. Some regrowth may occur. Long-term control requires a pasture renewal programme utilizing annual crops and repeat applications of POLARIS ACCELERATE before re-establishing perennial pasture.
<b>DOCK</b> <b>(<i>Rumex obtusifolius</i>)</b>	2.7–6	660 mL	66	-	Treat plants in spring or summer when actively growing and in full leaf. Use low rate for seedlings and young plants. Use high rate for control of established plants.
<b>FLOATING SWEET GRASS</b> <b>(<i>Glyceria fluitans</i>)</b> <b>REED SWEET GRASS</b> <b>(<i>Glyceria maxima</i>)</b>	4	660 mL	66	200	Apply to actively growing plants when most have reached early seedhead.

<b>INDIAN DOAB</b> ( <i>Cynodon dactylon</i> )	6	660 mL	66	-	Apply when most plants have reached early seedhead.
<b>JOHNSON GRASS</b> ( <i>Sorghum halepense</i> )	4	660mL	66	200	Apply to actively growing plants.
<b>KIKUYU</b> ( <i>Pennisetum clandestinum</i> )	4	660 mL	66	200	Apply to actively growing plants. Under dense growth conditions mulch and allow at least 10-15 cm of regrowth before treatment. Long-term control requires a pasture renewal programme utilizing annual crops and repeat applications of POLARIS ACCELERATE before re-establishing perennial pastures.
<b>MERCER GRASS</b> ( <i>Paspalum distichum</i> )					
<b>Aquatic</b>  <b>Non-Aquatic</b>	6  4	1 L  660 mL	100  66	300  200	
<b>NODDING THISTLE</b> ( <i>Carduus nutans</i> )  <i>Wiper*</i>	4	660 mL	66	-	Wiper Application (see Application Instructions). Apply when actively growing when at least 10 cm of the weed can be wiped. In heavy infestations a double pass is recommended.
<b>PASPALUM</b> ( <i>Paspalum dilatatum</i> )	2.7–4	660 mL	66	200	Use the low rate from Jan. to Apr. (early seedhead) prior to frosts. Use 4 L/ha on vegetative plants.
<b>POTATO (self set)</b> ( <i>Solanum tuberosum</i> )	2	330 mL	33	100	
<b>Prairie grass</b> ( <i>Bromus willdenowii</i> )	1	-	-	-	
<b>RAGWORT</b> ( <i>Scenecio jacobaea</i> )  <i>Wiper*</i>	4	660 mL	66	-	Apply when actively growing. Wiper: Apply when plants are 10 – 15 cm above the pasture. In heavy infestations a double pass is recommended.  Caution: Ragwort plants may become more palatable following spraying and stock should be removed until the treated plants brown out.

<b>RATSTAIL</b> <i>(Sporobolus africanus)</i>	3.3	-	-	-	Apply to actively growing plants in Autumn.
<b>RAUTAHI</b> <b>(CUTTY GRASS)</b> <i>(Carex coriacea)</i>	4	660 mL	66	200	Apply to actively growing plants from Jan. to Mar. Burning or slashing may take place from 30 days after treatment following brownout. Wiper (Rushes only). Apply Nov. to May.
<b>RUSHES (SOFT)</b> <i>(Juncus spp)</i> <i>Wiper*</i>	4	660 mL	66	200	
<b>RYEGRASS PERENNIAL</b> <i>(Lolium perenne)</i>  <b>AGROSIL MUST BE USED</b>	2.7 + AGROSIL 100 mL/100 L	660 mL + AGROSIL 100 mL/100 L	66 + AGROSIL 10 mL	-	Ensure plants are actively growing and have at least 5–10 cm of green leaf.  Add AGROSIL at all times.
<b>TALL FESCUE</b> <i>(Festuca arundinacea)</i>	4	660 mL	66	200	Apply to actively growing plants Jan. to Mar.
<b>YARROW</b> <i>(Achillea millefolium)</i>	2 – 4	-	-	-	Apply to plants with 5-10 cm of leaf. Cultivate with a minimum of 2 grubbings from 10 days after treatment. Use the 2 L rate when a competitive crop to yarrow is to be drilled.  Use the 4 L rate when the crop to be drilled is a poor competitor.

**\*Wiper – See Application Instructions for directions.**

## DIRECTIONS FOR USE

**TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA. PREVENT SPRAY DRIFT AS IT MAY CAUSE SEVERE DAMAGE TO NON-TARGET PLANTS**

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.**

Refer to "Weeds Controlled" section for rates of application.

### GENERAL WEED CONTROL

**Handgun:** mix 660 mL of POLARIS ACCELERATE with 100 L of water (0.66% solution).

**Knapsack:** mix 100 mL of POLARIS ACCELERATE with 15 L of water.

**Smaller sprayers:** mix 6.5 mL of POLARIS ACCELERATE with every 1 L of water.

Apply to completely wet the foliage but not to run-off.

### BRUSHWEED CONTROL

POLARIS ACCELERATE may be used to control a wide range of brushweeds and woody plants.

### AGRICULTURAL AREAS

POLARIS ACCELERATE may be used for the control of annual and perennial weeds as directed in agricultural land prior to sowing any edible or non-edible crop or pasture.

Where white clover control is required, tank mix with a suitable white clover herbicide and observe recommended waiting periods prior to planting legumes. Cultivation may start from 3 days after spraying perennial weeds and 1 day for annual weeds.

### PASTURE

#### ***Direct (spot) application***

POLARIS ACCELERATE is non-selective and may damage or kill any plant in the sprayed area. Apply as a directed low pressure spray. Retreatment and/or pasture improvement may be necessary to restrict seedling re-establishment.

#### ***Selective wiper application***

For the control of erect weeds in pastures.

#### ***Pasture renovation***

POLARIS ACCELERATE may be used to control existing pasture species prior to re-seeding pastures or establishing other crops.

#### ***Pasture seedhead suppression (unimproved pasture)***

Treat spring pasture at early grass seedhead emergence with 180–200 mL POLARIS ACCELERATE/ha. Temporary pasture brownout will occur. Do not use AGROSIL or any other surfactant. Accurate spray calibration is important. Grazing can be carried out at any time after 3 days from treatment, but for optimum results graze from 21 days after treatment.

**DO NOT USE ON RYEGRASS OR OTHER IMPROVED PASTURES AS YIELD SUPPRESSION MAY OCCUR. IT IS ADVISABLE NOT TO TREAT MORE THAN 10-15% OF THE FARM IN ANY ONE YEAR. DO NOT USE WHEN SOIL MOISTURE LEVELS ARE INADEQUATE FOR PASTURE GROWTH FOLLOWING APPLICATION.**

#### ***Spraying of silage before cutting***

Where paddocks are to be used for cropping after silage, POLARIS ACCELERATE may be applied before the silage is cut. Use 2-2.7 L/ha plus AGROSIL 100 mL/100 L of water in 100-200 L of water per hectare. Use the high rate on perennial ryegrass or if the silage is rank or lodged. Refer to higher label rates on other specific weeds. After spraying wait at least 4 days before cutting. Grass quality is maintained for 7-10 days after the initial planned cutting date, even into the early stages of brown-out.

### ***Spraying of silage or hay paddocks after cutting***

Before spraying ensure that there is at least 5-10 cm of actively growing green leaf on all tillers. Typically this takes three weeks or more after cutting. Refer to application rates in the table. Always use AGROSIL.

### **PRE-HARVEST**

#### ***Wheat, barley, oats, peas***

For wheat, barley and oats - apply 7-12 days prior to harvest when the grain moisture content is less than 30%.

Peas - apply 7-14 days prior to harvest when the pods have dried. Use only on peas for threshing. Do not harvest within 7 days after treatment to allow time for the herbicide to translocate into the weed roots.

Do not apply to undersown crops including clovers as they may be severely damaged.

Do not apply to crops which will be harvested for seed. Use rates up to 2.7 L/ha depending on the specific weeds to be treated. Avoid treating drought stressed plants.

### **ORCHARDS/VINES**

#### ***Citrus, apple, pear, stonefruit, kiwifruit, grapevines***

Apply as a directed or shielded spray or with wiper equipment. For long term control of annual weeds POLARIS ACCELERATE may be tank mixed with a suitable residual herbicide.

Do not apply near unprotected trees less than 3 years old. Do not allow spray or spray drift to contact any part of stonefruit trees, or green bark, suckers, buds, foliage or fruit of other trees. Do not allow wiper surfaces to contact any part of the trees. Weed foliage coated in copper or calcium based compounds may reduce the activity of POLARIS ACCELERATE.

### **MARKET GARDENS**

POLARIS ACCELERATE can be applied before or after seeding and prior to crop emergence. POLARIS ACCELERATE can be applied prior to transplanting or as a post harvest clean-up. For longer term control of seedling weeds, POLARIS ACCELERATE may be tank mixed with Ramrod<sup>†</sup> or ALANEX<sup>®</sup> HERBICIDE or other suitable residual herbicides. Use in accordance with the label recommendations for these products.

Asparagus: POLARIS ACCELERATE can be applied:

- Following the final harvest and immediately after removal of all spears but before crop regrowth occurs.
- Prior to planting or crop emergence. Do not treat emerging spears.
- In established ferns as a directed or shielded spray or with wiper equipment. Do not allow spray, spray drift or the wiper surface to contact any part of the asparagus plants.

### **INDUSTRIAL AND NON-AGRICULTURAL AREAS**

POLARIS ACCELERATE can be used for the control of annual and perennial weeds as directed. For residual control POLARIS ACCELERATE can be tank mixed with Simanex<sup>®</sup> SC Herbicide or another suitable residual herbicide.

Exercise caution when using residual herbicides prior to planting trees, shrubs or other ornamental plants.

### **TURFGRASS AND RECREATIONAL AREAS**

Apply before establishing lawns, parks, reserves and ornamentals. POLARIS ACCELERATE can also be applied around the base of established trees as a directed or shielded spray or by wiper equipment. Do not allow spray or spray drift or the wiper surface to contact any part of the tree. In mown areas, allow sufficient re-growth before spraying.

### **AQUATIC AREAS**

#### ***Drains and waterways***

Ensure that 75% of the weed to be treated is above water level or efficacy may be reduced.

Following spray application do not submerge the treated plant as this will cause the herbicide to be washed off. Avoid treating silt laden plants.

## **FORESTRY**

POLARIS ACCELERATE can be applied for the control of grasses and a wide range of brushweeds. The addition of AGROSIL is required for the control of bracken and gorse. Do not allow spray, spray drift or the wiper surface to contact the foliage or green bark of desirable trees as severe injury can occur.

## **APPLICATION INSTRUCTIONS**

For broadcast boom application flat fan, wide angle nozzles (e.g. 110°) using pressures of 200-280 kPa are preferred. Set boom height to ensure a double overlap of the spray pattern at the top of the weed canopy. Apply in 100-200 L of clean water per hectare. For orchard application wide angle, even spray nozzles are preferred.

For knapsack or handgun applications adjust equipment to apply a fine spray. Use the minimum spray volume necessary to achieve uniform and complete coverage. Handgun spraying pressures of 1,000-2,000 kPa and No. 4 to No. 6 spray tips are recommended.

### ***Wiper application***

Pre-mix 1 part of POLARIS ACCELERATE and 2 parts of clean water to prepare a 33% solution. Mix only enough herbicide for immediate needs and allow the wiping area to become fully saturated before commencing. The wiping area must remain moist and clean otherwise reduced results will occur. In heavy weed infestations or when treating perennial weeds such as Californian thistle or multi-crown ragwort, a double pass in opposite directions on the same day will give the best results. As weed density increases, decrease ground speed.

### ***Aircraft application***

POLARIS ACCELERATE may be applied by aircraft in forestry and non-cropping areas only. Aerial application of POLARIS ACCELERATE is not recommended on cropping land or near desirable plant species as even slight drift may cause severe injury or destruction. Do not apply in gusty or windy conditions or in other conditions conducive to drift, e.g. still air and inversion conditions.

### ***Mistblower application***

Use a solution of 200 mL of POLARIS ACCELERATE in 10 L of water. For the micron attachment increase to 1.3 L of POLARIS ACCELERATE in 10 L of water. Provide complete coverage and spray to wet but not to runoff.

## **AGROSIL**

AGROSIL may be used with POLARIS ACCELERATE to improve rate of uptake and shorten the rainfree period on certain weeds. Refer to AGROSIL label before using. Always use AGROSIL when treating gorse, broom, bracken, ryegrass and sweet brier.

## **RESISTANCE MANAGEMENT**

POLARIS ACCELERATE contains the GROUP G herbicide, glyphosate. Do not use another product containing a herbicide in the same group in conjunction with POLARIS ACCELERATE, and where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up. Refer to <https://resistance.nzpps.org/> for further resistance management advice.

## **CONDITIONS OF SALE**

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ADAMA

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