

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

Arysta

**Select**<sup>®</sup>

Herbicide

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

**SOLVENT: 663 g/L LIQUID HYDROCARBONS**

**GROUP A HERBICIDE**

**For the control of certain grass weeds in beetroot, cabbage, canola, celery, chickpeas, cotton, faba beans, field peas, forestry, lentils, lettuce, lupins, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soybeans as per the Directions for Use table.**

**IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT**

**CONTENTS 10L**

**ARYSTA LIFESCIENCE CORPORATION**

ABN 37 832 141 368

77-79 CANTERBURY RD

CANTERBURY VIC 3126 AUSTRALIA

TELEPHONE 03 9830 7011 FACSIMILE 03 9830 7611



Arysta LifeScience

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APVMA Approval Number: 51144/10/1006

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

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

## **STORAGE AND DISPOSAL**

Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight.

Protect from frost.

Triple, or preferably pressure 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 bury empty containers in a local authority landfill. If not available, bury the containers

below 500 mm in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

## **SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. When preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

## **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

If swallowed, do NOT induce vomiting. Give a glass of water.

## **MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet (MSDS).

## **EXCLUSION OF LIABILITY**

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Arysta LifeScience Corporation accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

**THIS PRODUCT IS NOT CONSIDERED TO BE A  
DANGEROUS GOOD UNDER THE  
AUSTRALIAN CODE FOR THE TRANSPORT OF  
DANGEROUS GOODS BY ROAD OR RAIL**

In a Transport Emergency  
**Dial 000**  
Police or Fire Brigade

**SPECIALIST ADVICE  
IN EMERGENCY ONLY  
ALL HOURS- AUSTRALIA WIDE  
1800 024 973**

Batch No:

DOM:



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## DIRECTIONS FOR USE

### RESTRAINTS:

DO NOT apply without the addition of an adjuvant.

DO NOT apply to plants that are stressed by moisture or temperature extremes.

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/ha
Canola, Chickpeas, Faba beans, Field peas, Lentils <sup>†</sup> , Lupins <sup>#</sup>	Canola: DO NOT APPLY after flower buds become visible (green buds)	Annual ryegrass ( <i>Lolium rigidum</i> ), Annual phalaris ( <i>Phalaris minor</i> )	150 to 250
	Chickpeas: DO NOT APPLY beyond full flowering	Barley grass ( <i>Hordeum leporinum</i> ), Brome grass ( <i>Bromus diandrus</i> ), Wild Oats ( <i>Avena</i> spp.)	175 to 250
	Faba beans: DO NOT APPLY beyond full flowering		
	Field peas: DO NOT APPLY beyond full flowering	Volunteer wheat ( <i>Triticum aestivum</i> ), Volunteer oats ( <i>Avena sativa</i> )	200* to 250 *(175 to 250 in WA only)
	Lentils: Apply up to the 7 node/early branching stage of crop growth	Volunteer barley ( <i>Hordeum vulgare</i> )	250
	Lupins: DO NOT APPLY after 80% of flowers have opened	Silver grass ( <i>Vulpia bromoides</i> ) - suppression only	250 to 500
	Paradoxa grass ( <i>Phalaris paradoxa</i> )	250 to 375 375	
Cotton (Qld, NSW and NT only), Peanuts, Mung beans, Soybeans	Cotton: DO NOT APPLY after full flowering (mid bloom)	Barnyard grass ( <i>Echinochloa</i> spp.), Blown grass ( <i>Agrostis aveacea</i> ), Crowfoot grass ( <i>Eleusine indica</i> ), Feathertop Rhodes grass ( <i>Chloris virgata</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), Red sprangletop grass ( <i>Leptochloa filiformis</i> ), Seedling Johnson grass ( <i>Sorghum halepense</i> ), Summer grass ( <i>Digitaria</i> spp.), Volunteer sorghum ( <i>Sorghum</i> spp.)	250 to 375 375
	Peanuts: DO NOT APPLY after the pod fill stage of crop development		
	Mung beans: DO NOT APPLY after first flower buds are visible Soybeans: DO NOT APPLY after first flower buds are visible		

DO NOT apply if rain is expected within one hour of application.

DO NOT apply Arysta Select Herbicide more than once to any one crop.

STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
2-leaf to fully tillered	Qld, NSW, ACT, Vic, Tas, SA, WA only	Always apply with D-C-Trate* at 2L/100L or Hasten* at 1L/100L or Kwicken* at 1L/100L or Uptake* at 500mL/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.  † Application up to 7- node/early branching crop growth stage only.  # NOT QLD
	NSW, ACT, Vic, Tas only	
2- to 5-leaf stage	Qld, NSW, ACT, only	
5-leaf to fully tillered		
2- to 5-leaf stage	Qld, NSW, ACT, Vic, WA, NT only	Always apply with D-C-Trate at 2L/100L or Hasten at 1L/100L or Kwicken at 1L/100L or Uptake at 500mL/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.
5-leaf to fully tillered		

CROP	WEEDS CONTROLLED	RATE mL/ha
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions	Barnyard grass ( <i>Echinochloa</i> spp.), Blown grass ( <i>Agrostis</i> aveacea), Crowfoot grass ( <i>Eleusine indica</i> ), Feathertop Rhodes grass ( <i>Chloris virgata</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), Paradoxa grass ( <i>Phalaris paradoxa</i> ), Red sprangletop grass ( <i>Leptochloa filiformis</i> ), Seedling Johnson grass ( <i>Sorghum halepense</i> ), Summer grass ( <i>Digitaria</i> spp.), Volunteer sorghum ( <i>Sorghum</i> spp.)	250 to 375  375
	Annual ryegrass ( <i>Lolium rigidum</i> ), Annual phalaris ( <i>Phalaris minor</i> )	150 to 250
	Barley grass ( <i>Hordeum leporinum</i> ), Brome grass ( <i>Bromus diandrus</i> ), Wild oats ( <i>Avena</i> spp.)	175 to 250
	Volunteer wheat ( <i>Triticum aestivum</i> ), Volunteer oats ( <i>Avena sativa</i> )	200* to 250* (175 to 250 in WA only)
	Volunteer barley ( <i>Hordeum vulgare</i> )	250
	Silver grass ( <i>Vulpia bromoides</i> ) - suppression only (not Qld, WA)	250 to 500
	Winter grass ( <i>Poa annua</i> )	500

STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
2- to 5-leaf stage	All States	Always apply with D-C-Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume. The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. Use a spray volume of 150L/ha when spraying dense grass populations.
5-leaf to fully tillered		
2-leaf to fully tillered	All States	Always apply with D-C-Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume.  The lower doses will provide effective control if applied under ideal conditions to weeds that are smaller, actively growing and free from temperature or water stress. Use a spray volume of 150 L/ha when spraying dense grass populations.

CROP	WEEDS CONTROLLED	RATE mL/ha
Forestry, non-bearing fruit trees and ornamentals	Annual ryegrass ( <i>Lolium rigidum</i> ), Annual phalaris ( <i>Phalaris minor</i> ), Barley grass ( <i>Hordeum leporinum</i> ), Barnyard grass ( <i>Echinochloa</i> spp.), Blown grass ( <i>Agrostis aveacea</i> ), Brome grass ( <i>Bromus diandrus</i> ), Crowsfoot grass ( <i>Eleusine indica</i> ), Feathertop Rhodes grass ( <i>Chloris virgata</i> ), Liverseed grass ( <i>Urochloa panicoides</i> ), Paradoxa grass ( <i>Phalaris paradoxa</i> ), Red sprangletop grass ( <i>Leptochloa filiformis</i> ), Seedling Johnson grass ( <i>Sorghum halepense</i> ), Silver grass ( <i>Vulpia bromoides</i> ), - suppression only (not QLD, WA), Summer grass ( <i>Digitaria</i> spp.), Volunteer sorghum ( <i>Sorghum</i> spp.), Volunteer wheat ( <i>Triticum aestivum</i> ), Volunteer oats ( <i>Avena sativa</i> ), Volunteer barley ( <i>Hordum vulgare</i> ), Winter grass ( <i>Poa annua</i> )	500

STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
2-leaf to fully tillered	All States	Apply after plants have recovered from transplant shock and are showing signs of active growth. Always apply with D-C-Trate at 2L/100L or Hasten at 1L/100L or Kwickin at 1L/100L or Uptake at 500mL/100L spray volume. Use a spray volume of 150 L/ha when spraying dense grass populations. Do NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species. See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for particular species.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, APPROPRIATE LEGISLATION.**

**CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER**

**WITHHOLDING PERIODS:**

**HARVEST:**

**CANOLA, CHICKPEAS, COTTON, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, SOYBEANS:** NOT REQUIRED WHEN USED AS DIRECTED.

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

**BEETROOT, CABBAGE:** DO NOT APPLY LATER THAN 7 DAYS BEFORE HARVEST.

**ONIONS:** DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST.

**LETTUCE, POTATOES:** DO NOT APPLY LATER THAN 4 WEEKS BEFORE HARVEST.

**CELERY:** DO NOT APPLY LATER THAN 9 WEEKS BEFORE HARVEST.

**GRAZING:**

**CANOLA, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS, PEANUTS, SOYBEANS:** DO NOT GRAZE OR CUT FOR STOCK FEED FOR 21 DAYS AFTER APPLICATION.

**COTTON:** DO NOT GRAZE OR CUT COTTON FORAGE OR STUBBLE FOR STOCK FEED.

## GENERAL INSTRUCTIONS

### INSECTICIDE RESISTANCE WARNING:

#### GROUP A HERBICIDE

Arysta Select Herbicide is a member of the cyclohexanedione group of herbicides. Arysta Select Herbicide has the inhibition of acetyl coA carboxylase mode of action. For weed resistance management, Select Herbicide is a Group A Herbicide. Some naturally-occurring weed biotypes resistant to Arysta Select Herbicide and other Group A 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 Select Herbicide or other Group A Herbicides. Since occurrence of resistant individuals is difficult to detect prior to use, Arysta LifeScience Corporation accepts no liability for any losses that may result from the failure of Arysta Select Herbicide to control resistant weeds.

### CLEANING SPRAY EQUIPMENT

#### Before using Arysta Select

Ensure that the recommended clean-out procedure for the previous product (particularly sulfonylurea herbicides) sprayed with the equipment was done properly.

#### After using Arysta Select

Empty the tank and drain the whole system.

Thoroughly wash inside the tank using a pressure hose, drain the tank and clean all filters in the tank, pump line and nozzles.

Use of a household detergent will aid in cleaning the equipment. Add detergent to the part-filled spray tank and thoroughly circulate through pumps, hoses and nozzles.

Drain the system and thoroughly rinse twice with clean water.

Rinse water should be discharged onto a designated disposal area, or if this is unavailable, onto unused land away from desirable plants and water sources.

#### MIXING:

To ensure even mixing, half-fill the spray tank with clean water and add the required amount of product. Add spray additive and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

#### APPLICATION:

##### Ground Application:

Arysta Select Herbicide should be applied with calibrated spray equipment producing a median droplet range of 200 to 300 microns VMD. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.

##### Aerial Application:

Arysta Select Herbicide can be applied through aircraft fitted with boom or Micronair

equipment. A spray volume of 20 to 30 L/ha is recommended and equipment should be adjusted to deliver droplets in the range of 200 to 250 microns VMD. Best results will be obtained when aerial applications are made in a light crosswind. Applications should not be made during temperature inversions or in conditions of very low relative humidity. Care should be taken to avoid drift damage to adjoining grass crops.

#### COMPATIBILITY:

Arysta Select Herbicide is compatible with the following grass herbicides: Targa\*, Fusilade\*, Verdict\*, Sertin\* and Correct\*. (Refer to the Bayer Correct label for detail on adjuvant recommendations for that product).

NOTE: In all situations where Arysta Select Herbicide is mixed with another grass herbicide, Arysta Select Herbicide should be used at the full label rate specified for the target weed species. Arysta Select Herbicide may also be applied in tank mixtures with one of the following products: Sumi-Alpha1 50 EC, Sumi-Alpha1 Dual, Fastac\* 100 and Le-Mat\*.

Arysta Select Herbicide should not be applied in a tank mix with Brodal\*, Basagran\* or Blazer\*. Apply as separate applications. For information on compatibility of products not listed, please refer to Arysta LifeScience Corporation.

#### CAUTION:

Ornamentals and Trees - While Arysta Select Herbicide is generally selective to broadleaved plants (i.e. it is active against grasses), tests should always be made on a small number of plants not previously tested.

DO NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species.

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

DO NOT apply Arysta Select Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Arysta Select Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift. Care should be taken to avoid damage to adjoining native grasses or grass crops.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

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

#### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight. Protect from frost.

Triple, or preferably pressure 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 bury empty containers in a local authority landfill.

If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

#### **SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. When preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

#### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

If swallowed, do NOT induce vomiting. Give a glass of water.

#### **MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet (MSDS).

#### **EXCLUSION OF LIABILITY**

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Arysta LifeScience Corporation accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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. \* Registered Trademark

1Registered trademark of Sumitomo Chemical Co Japan