

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

ARYSTA

Select[®] Xtra

Herbicide

ACTIVE CONSTITUENT: 360 g/L CLETHODIM
SOLVENT: 534 g/L LIQUID HYDROCARBONS

GROUP A HERBICIDE

For the control of certain grass weeds in beetroot, cabbage, canola, celery, cotton, forestry, lettuce, non-bearing fruit trees, onions, ornamentals, peanuts, pulses (including azuki beans, broad beans, chickpeas, faba beans, field peas, lentils, lupins and mung beans), potatoes, soybeans and pasture legume (lucerne, clover and medic), seed crops (and pastures) as per the Directions for Use table.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USING THIS PRODUCT

CONTENTS: 20 Litres

 **CHEMINOVA**
HELPING YOU GROW



Arysta LifeScience

Distributed by:

Cheminova Australia Pty Ltd ABN 59 472 616 773 / ACN 110 199 169
12 Julius Avenue, North Ryde, NSW 2113
Telephone: 1800 624 597 • www.cheminova.com.au

Batch No:

140401-20F

Date of Manufacture



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.

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

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

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/ha
Canola Pulse Crops (including azuki beans, broad beans, chickpeas, faba beans, field peas, lentils ¹ , lupins ²) Pasture Legume (lucerne, clover and medic) Seed Crops and Pastures¹ (including pastures containing chicory and plantain)	Canola: DO NOT APPLY after flower buds become visible (green buds) Azuki Beans: DO NOT APPLY after first flower buds are visible Chickpeas: DO NOT APPLY beyond full flowering Faba Beans, Broad Beans: DO NOT APPLY beyond full flowering Field Peas: DO NOT APPLY beyond full flowering Lentils: Apply up to the 7 node/early branching stage of crop growth Lupins: DO NOT APPLY after 80% of flowers have opened	Annual Ryegrass (<i>Lolium rigidum</i>), Annual Phalaris (<i>Phalaris minor</i>)	100 to 330
		Barley Grass (<i>Hordeum leporinum</i>), Brome Grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena</i> spp.)	115 to 330
		Volunteer Wheat (<i>Triticum aestivum</i>), Volunteer Oats (<i>Avena sativa</i>)	130* to 330 *(115 to 330 in WA only)
		Volunteer Barley (<i>Hordeum vulgare</i>)	330
		Silver Grass (<i>Vulpia bromoides</i>) – suppression only	165 to 330
		Paradoxa Grass (<i>Phalaris paradoxa</i>)	165 to 250
			250 to 330

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 2 L/100 L or Hasten* at 1 L/100 L or Kwickin* at 1 L/100 L or Uptake* at 500 mL/100 L 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.
	NSW, ACT, Vic, Tas only	# NOT QLD ¹ See use of Select Xtra in pastures under General Instructions.
2- to 5-leaf stage	Qld, NSW, ACT only	
5-leaf to fully tillered		

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/ha
Cotton (Qld, NSW and NT only) Peanuts, Mung Beans, Soybeans Pasture Legume (lucerne, clover and medic) Seed Crops and Pastures¹ (including pastures containing chicory and plantain)	Cotton: DO NOT APPLY after full flowering (mid bloom) 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	Barnyard Grass (<i>Echinochloa</i> spp.), Blown Grass (<i>Agrostis aveacea</i>), Crowsfoot 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 ² (<i>Sorghum halepense</i>), Summer Grass (<i>Digitaria</i> spp.), Volunteer Sorghum (<i>Sorghum</i> spp.)	165 to 250 250 to 330
CROP	WEEDS CONTROLLED		RATE mL/ha
Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions	Barnyard Grass (<i>Echinochloa</i> spp.), Blown Grass (<i>Agrostis aveacea</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 ¹ (<i>Sorghum halepense</i>), Summer Grass (<i>Digitaria</i> spp.), Volunteer Sorghum (<i>Sorghum</i> spp.)		165 to 250 250 to 330
	Annual Ryegrass (<i>Lolium rigidum</i>), Annual Phalaris (<i>Phalaris minor</i>)		100 to 330
	Barley Grass (<i>Hordeum leporinum</i>), Brome Grass (<i>Bromus diandrus</i>), Wild Oats (<i>Avena</i> spp.)		115 to 330
	Volunteer Wheat (<i>Triticum aestivum</i>), Volunteer Oats (<i>Avena sativa</i>)		130* to 330* (115 to 330 in WA only)
	Volunteer Barley (<i>Hordeum vulgare</i>)		330
	Silver Grass (<i>Vulpia bromoides</i>) - suppression only (not Qld, WA)		165 to 330
	Winter Grass (<i>Poa annua</i>)		330

STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
2- to 5-leaf stage	Qld, NSW, ACT, Vic, WA, NT only	<p>Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L 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.</p> <p>See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for mixture recommendations with insecticides, fungicides and other herbicides.</p> <p>¹ See use of Select Xtra in pastures under General Instructions.</p> <p>² Only Johnson Grass seedlings germinating from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.</p>
5-leaf to fully tillered		
STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
2- to 5-leaf stage	All States	<p>Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L 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.</p> <p>¹ Only Johnson Grass seedlings germinating from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.</p>
5-leaf to fully tillered		
2-leaf to fully tillered	All States	<p>Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L spray volume.</p> <p>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.</p>

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 ¹ (<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>)	330

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

WITHHOLDING PERIODS:

HARVEST:

PASTURE LEGUME (LUCERNE, CLOVER AND MEDIC) SEED CROPS AND PASTURES: NOT REQUIRED WHEN USED AS DIRECTED.

CANOLA, COTTON, PEANUTS, PULSES (AZUKI BEANS, BROAD BEANS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS) AND SOYBEANS: NOT REQUIRED WHEN USED AS DIRECTED.

FORESTRY: NOT REQUIRED WHEN USED AS DIRECTED.

BETROOT, 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:

PASTURE LEGUME (LUCERNE, CLOVER AND MEDIC) SEED CROPS AND PASTURES: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION.

CANOLA, PEANUTS, PULSES (AZUKI BEANS, BROAD BEANS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS, MUNG BEANS) AND 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.

STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
2-leaf to fully tillered	All States	<p>Apply after plants have recovered from transplant shock and are showing signs of active growth.</p> <p>Always apply with D-C-Trate at 2 L/100 L or Hasten at 1 L/100 L or Kwickin at 1 L/100 L or Uptake at 500 mL/100 L spray volume.</p> <p>Use a spray volume of 150 L/ha when spraying dense grass populations.</p> <p>DO NOT use on Gymnosperms (pines, conifers, etc) unless a prior test has been conducted to check safety on the relevant species.</p> <p>See COMPATIBILITY AND CAUTIONS in GENERAL INSTRUCTIONS for particular species.</p> <p>¹ Only Johnson Grass seedlings germinating from seed will be controlled. Seedlings that appear later as shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.</p>

GENERAL INSTRUCTIONS

RESISTANT WEEDS WARNING

Arysta Select Xtra Herbicide is a member of the cyclohexanedione group of herbicides. Select Xtra has the inhibition of acetyl coA carboxylase mode of action. For weed resistance management, Select Xtra is a Group A Herbicide. Some naturally-occurring weed biotypes resistant to Select Xtra 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 Xtra 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 Select Xtra to control resistant weeds.

GROUP	A	HERBICIDE
-------	----------	-----------

CLEANING SPRAY EQUIPMENT

Before using Select Xtra – Ensure that the recommended clean-out procedure for the previous product (particularly sulfonyleurea herbicides) sprayed with the equipment was done properly.

After using Select Xtra – 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: Select Xtra should be applied with calibrated spray equipment producing MEDIUM spray droplets according to the ASAE S572 definition for the standard nozzles. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.

Aerial Application: Select Xtra 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 produce MEDIUM spray droplets according to the ASAE S572 definition for the standard nozzles. 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.

USE OF SELECT XTRA ON PASTURE LEGUME (LUCERNE, CLOVER AND MEDIC) SEED CROPS AND PASTURES AND PASTURE HERBS

Select Xtra has been demonstrated to be safe when applied to the following cultivars during early establishment.

Pasture legumes:

Clover (*Trifolium* spp.)

Annual: Subterranean clover (Dalkeith, Dalsa, Goulburn, Koala, Nungarrin, Riverina, Seaton Park and York A), Arrowleaf clover (Zulu II), Balansa clover (Enduromax, Frontier, Paradana), Berseem clover (Elite II), Gland clover (Prima), Persian clover (Prolific, Leeton), Rose clover (Hylon)

Perennial: Strawberry clover (Palestine), White clover (NuSiral)

Lucerne and Medics (*Medicago* spp.)

Lucerne (Aurora, Field, Genesis, Hunterfield, Multileaf, Salado, Sardi SEVEN, Sceptre and Venus), Barrel Medic (Sephi, Jester Paraggio, Caliph), Burr Medic (Scimitar, Santiago), Snail Medic (Silver)

Serradella (*Ornithopus* spp.)

French or Pink serradella (Cadiz), Yellow serradella (Charano, Santorini)

Pasture herbs:

Chicory (*Puna II*) and Plantain (*Tonic*)

Apply Select Xtra when plants have reached 2-4 trifoliate leaf stage, or after 40 days from sowing. Some pasture varieties may exhibit an initial reduction in crop vigour or biomass, however, these symptoms are transient and crops recover fully with no effect on yield.

COMPATIBILITY

Select Xtra 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 Select Xtra is mixed with another grass herbicide, Select Xtra should be used at the full label rate specified for the target weed species. Select Xtra 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*.

Select Xtra 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 Cheminova Australia Pty Ltd.

CAUTION

Ornamentals and Trees - While Select Xtra 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 Select Xtra if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Select Xtra 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. The method of disposal of the container depends on the container type. Read the 'Storage and Disposal' instructions on the label that is attached to the container.

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 chemical resistant gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. 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.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet available from www.cheminova.com.au

WARNING

This product must be used, handled and stored strictly as directed in accordance with this label, packaging and other reference material ("Directions"). To the extent permitted by law Cheminova Australia Pty Ltd and its related companies will have no liability for any injury, loss or damage arising from a failure to follow the Directions.

Select® is a Registered Trademark of Arysta LifeScience Corporation

* Registered Trademark

¹ Registered trademark of Sumitomo Chemical Co Japan

Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation. Cheminova and the Cheminova logo are registered trademarks of Cheminova, Inc.

Select[®] Xtra

Herbicide

STORAGE AND DISPOSAL

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

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 chemical resistant gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. 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.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet available from www.cheminova.com.au

WARNING: This product must be used, handled and stored strictly as directed in accordance with this label, packaging and other reference material ("Directions"). To the extent permitted by law Cheminova Australia Pty Ltd and its related companies will have no liability for any injury, loss or damage arising from a failure to follow the Directions.

Select[®] is a Registered Trademark of Arysta LifeScience Corporation



Arysta LifeScience

Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation.

Cheminova and the Cheminova logo are registered trademarks of Cheminova, Inc.

**FOR 24 HOUR SPECIALIST
ADVICE IN EMERGENCY ONLY
PHONE 1800 033 111**

