

Product Name: SELECT XTRA HERBICIDE  
APVMA Approval No: 65513/143616



Label Name:	SELECT XTRA HERBICIDE
-------------	-----------------------

Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
------------------	--

Constituent Statements:	360 g/L CLETHODIM 534 g/L LIQUID HYDROCARBON
-------------------------	---

Mode of Action:	GROUP 1 HERBICIDE
-----------------	-------------------

Statement of Claims:	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), fodder beet and forage brassicas, as per the Directions for Use table.
----------------------	---

Net Contents:	1L-1000L
---------------	----------

Restrains:	<p>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 Herbicide more than once to any one crop.</p> <p><b>SPRAY DRIFT RESTRAINTS</b> Specific definitions for terms used in this section of the label can be found at <a href="http://apvma.gov.au/spraydrift">apvma.gov.au/spraydrift</a></p> <p>DO NOT allow bystanders to come into contact with the spray cloud.</p> <p>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. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.</p> <p>DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.</p> <p>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.</p>
------------	---

Directions for Use:	This section contains file attachment.
---------------------	--

Withholding Periods:	<p><b>WITHHOLDING PERIODS</b></p> <p><b>HARVEST:</b>  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.  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</p> <p><b>GRAZING:</b>  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.  Forage brassicas &amp; fodder beet: DO NOT GRAZE OR USE BULBS FOR FEED WITHIN 14 DAYS OF APPLICATION.</p>
----------------------	---

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

General Instructions:	<p><b>GENERAL INSTRUCTIONS</b></p> <p><b>CLEANING SPRAY EQUIPMENT</b>  Before using Select Xtra Herbicide  Ensure that the recommended clean-out procedure for the previous product (particularly sulfonyleurea herbicides) sprayed with the equipment was done properly.</p> <p>After using Select Xtra Herbicide  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.</p> <p><b>MIXING:</b>  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.</p> <p><b>APPLICATION</b>  <b>Ground Application:</b>  Select Xtra Herbicide should be applied with calibrated spray equipment producing MEDIUM spray quality droplets. Apply in a minimum of 50 litres of water per hectare. Use 150 L/ha when spraying dense populations.</p> <p><b>Aerial Application:</b>  Select Xtra 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 produce MEDIUM spray quality droplets.</p>
-----------------------	--

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 HERBICIDE ON PASTURE LEGUME (LUCERNE, CLOVER AND MEDIC) SEED CROPS AND PASTURES AND PASTURE HERBS:**

Select Xtra Herbicide 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.

**INCOMPATIBILITY:**

Select Xtra 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 UPL Australia Pty Ltd.

**Resistance Warning:**

**RESISTANT WEEDS WARNING  
GROUP 1 HERBICIDE**

Select Xtra Herbicide is a member of the cyclohexanedione group of herbicides. Select Xtra Herbicide has the inhibition of acetyl coA carboxylase mode of action. For weed resistance management, Select Xtra Herbicide is a Group 1 Herbicide. Some naturally-occurring weed biotypes resistant to Select Xtra Herbicide and other Group 1 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 Herbicide or other Group 1 Herbicides. Since occurrence of resistant individuals is difficult to detect prior to use, UPL Australia Pty Ltd accepts no liability for any losses that may result from the failure of Select Xtra Herbicide to control resistant weeds.

**Precautions:**

**CAUTION:**

Ornamentals and Trees – While Select Xtra 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.

Protections:	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS:</b> DO NOT apply Select Xtra Herbicide if wind is likely to cause drift onto susceptible crops/plants, cropping lands or pastures. Select Xtra 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.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:</b> DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p>
--------------	--

Storage and Disposal:	<p>Store in the closed, original container in a dry, cool well ventilated area out of direct sunlight. Protect from frost.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply/designated collection point for refill or storage.</p> <p>1000L containers: Schütz container with camlock valve connection: If tamper evident seals are broken prior to initial use then the integrity of the contents cannot be assured. The container must be vented before discharging contents. To empty connect a camlock fitted hose to the bottom valve. Remove top cap when discharging for venting purposes. When the container is empty, close all caps and valves and return the container to the point of purchase.</p>
-----------------------	--

Safety Directions:	<p>Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When using together with other products, consult their label safety directions. 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.</p>
--------------------	--

First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766</p>
-------------------------	--

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

## DIRECTIONS FOR USE

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/ha	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
<b>Canola</b>  <b>Pulse crops</b> (including azuki beans, broad beans, chickpeas, faba beans, field peas, lentils <sup>1</sup> , lupins <sup>#</sup> )  <b>Pasture legume</b> (lucerne, clover and medic) <b>Seed Crops and Pastures<sup>1</sup></b> (including pastures containing chicory and plantain).  <b>Lupins:</b> DO NOT APPLY after 80% of flowers have opened	<b>Canola:</b> DO NOT APPLY after flower buds become visible (green buds)  <b>Azuki beans:</b> DO NOT APPLY after first flower buds are visible.  <b>Chickpeas:</b> DO NOT APPLY beyond full flowering  <b>Faba beans, broad beans:</b> DO NOT APPLY beyond full flowering  <b>Field peas:</b> DO NOT APPLY beyond full flowering  <b>Lentils:</b> Apply up to the 7 node/early branching stage of crop growth  <b>Lupins:</b> DO NOT APPLY after 80% of flowers have opened	Annual ryegrass ( <i>Lolium rigidum</i> ), Annual phalaris ( <i>Phalaris minor</i> )	100 to 330	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 in GENERAL INSTRUCTIONS and CAUTIONS in PRECAUTIONS for mixture recommendations with insecticides, fungicides and other herbicides.  *Application up to 7-node/early branching crop growth stage only.  # NOT QLD  <sup>1</sup> See use of Select Xtra Herbicide in pastures under General Instructions.
		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	2-leaf to fully tillered	NSW, ACT, Vic, Tas only			

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/ha	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
<b>Cotton</b> (Qld, NSW and NT only), <b>Peanuts, Mung beans, Soybeans</b>  <b>Pasture legume</b> (lucerne, clover and medic) <b>Seed Crops and Pastures<sup>1</sup></b> (including pastures containing chicory and plantain).	<b>Cotton:</b> DO NOT APPLY after full flowering (mid bloom)  <b>Peanuts:</b> DO NOT APPLY after the pod fill stage of crop development  <b>Mung beans:</b> DO NOT APPLY after first flower buds are visible  <b>Soybeans:</b> 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 <sup>2</sup> ( <i>Sorghum halepense</i> ), Summer grass ( <i>Digitaria</i> spp.),	165 to 250	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 in GENERAL INSTRUCTIONS and CAUTIONS in PRECAUTIONS for mixture recommendations with insecticides, fungicides and other herbicides.  <sup>1</sup> See use of Select Herbicide in pastures under General Instructions.  <sup>2</sup> Only Johnson grass seedlings germinating from seed will be controlled. Seedlings that appear later as
			250 to 330	5-leaf to fully tillered		

CROP	CROP GROWTH STAGE	WEEDS CONTROLLED	RATE mL/ha	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
		Volunteer sorghum ( <i>Sorghum</i> spp.)				shoots from underground stems will not be controlled, and more than one application may be required to control emerging shoots.

CROP	WEEDS CONTROLLED	RATE mL/ha	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
<b>Beetroot, Cabbage, Celery, Lettuce, Potatoes, Onions</b>	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 ( <i>Sorghum halepense</i> ) <sup>1</sup> , Summer grass ( <i>Digitaria</i> spp.), Volunteer sorghum ( <i>Sorghum</i> spp.)	165 to 250  250 to 330	2- to 5-leaf stage  5-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 150L/ha when spraying dense grass populations.  <sup>1</sup> 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.
	Annual ryegrass ( <i>Lolium rigidum</i> ), Annual phalaris ( <i>Phalaris minor</i> )	100 to 330	2-leaf to fully tillered		
	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			
<b>Forestry, Non-bearing Fruit Trees and Ornamentals</b>	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> ) <sup>1</sup> , Silver grass ( <i>Vulpia bromoides</i> ) – suppression only (not QLD, WA), Summer grass ( <i>Digitaria</i> spp.), Volunteer sorghum ( <i>Sorghum</i> spp.),	330	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 in GENERAL INSTRUCTIONS and CAUTIONS in PRECAUTIONS for particular species.

CROP	WEEDS CONTROLLED	RATE mL/ha	STAGE OF WEED GROWTH	STATE	CRITICAL COMMENTS
	Volunteer wheat ( <i>Triticum aestivum</i> ), Volunteer oats ( <i>Avena sativa</i> ), Volunteer barley ( <i>Hordeum vulgare</i> ), Winter grass ( <i>Poa annua</i> )				<sup>1</sup> 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.
<b>Forage Brassica s and Fodder beet</b>	Annual ryegrass, annual Phalaris	100 to 330	2 leaf to fully tillered	All states	Always apply with a crop oil. Lower doses will provide effective control if applied under ideal conditions to smaller weeds free from stress.  DO NOT apply after crop rosette (GS 29), well before canopy closure.
	Barley grass, Brome grass, wild oats	115 to 330			
	Volunteer wheat, volunteer oats	130 to 330			
	Silver grass – suppression only	165 to 330			
	Paradoxa grass	165 to 330			

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