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# **CAUTION**

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



# **Panther**

# **SELECTIVE HERBICIDE**

**ACTIVE CONSTITUENTS:** 

250g/L MCPA present as the ETHYL HEXYL ESTER 25g/L DIFLUFENICAN

SOLVENTS: 325g/L LIQUID HYDROCARBONS 150g/L N-METHYL-2-PYRROLIDONE

GROUP F | HERBICIDE

For the control of certain broadleaf weed in winter cereals and clover as specified in the Directions for Use table.

IMPORTANT: READ THOROUGHLY BEFORE **OPENING OR USING THIS PRODUCT** 

APVMA Approval No. 66925/127966

## AIRR APPARENT PTY LTD

15/16 Princes Street, Newport NSW 2106 P 03 5820 8400 | E enquiries@apparentag.com.au | www.apparentag.com.au

### DIRECTIONS FOR USE

**Restraints:** DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

DO NOT apply to crops under stress due to disease or insect damage. DO NOT apply to frost-affected crops or if frosts are imminent.

	O NOT apply when heavy rain is expe	ected within 4 hours.	
CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE
Cereals	Wild Radish	Up to the 2 leaf stage and not more than 60mm	WA only
Wheat, barley,		in diameter	ALL OTATEO
oats, triticale,		Up to the 4 leaf stage and not more than 120mm	ALL STATES
cereal rye (including cereal	9	in diameter Up to the 6 leaf stage and not more than 150mm	-
undersown with	3	in diameter	
clover)		Up to the 8 leaf stage and not more than 180mm	1
Pasture		in diameter	
Newly sown	Charlock, Hedge Mustard, Indian	Up to the 2 leaf stage and not more than 60mm	1
and established	Hedge Mustard, Shepherd's	in diameter	
clover-based	Purse, Turnip Weed, Wild Turnip	Up to the 4 leaf stage and not more than 120mm	1
pasture, clover		in diameter	
for hay and seed		Up to the 6 leaf stage and not more than 150mm	1
production		in diameter	
	London Rocket	Up to the 5 leaf stage and not more than 120mm	QLD only
	Ward's Weed	in diameter	SA only
	Capeweed	Up to the 2 leaf stage and not more than 60mm	ALL STATES
		in diameter	1
		Up to the 4 leaf stage and not more than 120mm	
	Crassula	in diameter	4
	Grassula	Up to the 2 leaf stage	-
	Deinkhy Lattung	Up to the 4 leaf stage	4
		Up to the 2 leaf stage Up to the 4 leaf stage	-
			-
	Dense-flower Fumitory	Up to the 6 leaf stage Up to the 2 leaf stage	-
	Corn Gromwell, Saffron Thistle.	TOP to the 2 leaf stage	
	Toad Rush		
	Deadnettle		NSW. VIC. SA
	Dedutiettie		only
	Sorrel	Up to the 2 leaf stage	VIC only
	Canola (rape)	Up to the 4 leaf stage	ALL STATES
	Purple Goosefoot	Up to the 6 leaf stage	QLD only
	Turnip Weed, Wild Turnip	Cotyledon to 2 leaf stage	NSW only (West
		,	of Newell Hwy)
			SA only (Eyre
			peninsula north of the line between
			Venus Bay and
			Cowell)

RATE/ha	CRITICAL COMMENTS
250mL	CROP STAGE
	Cereals
500mL	Up to 750mL (3 leaf to fully tillered stage - Z13 to 30).
750 1	Over 750mL (5 leaf to fully tillered stage - Z15 to 30). Optimum results are achieved when sprayed at 3-5 lea
750mL	crop stage (generally 4-8 weeks post sowing).
1.0L	WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15).
	Warning: APPARENT Panther Selective Herbicide may cause transient crop yellowing of cereals. Some varieties of oats have not been tested. (Refer to "Crop Tolerance" section of General Instructions).
500mL	Clover
750 1	Application is recommended prior to the eighth trifoliate leaf stage, however, applications prior to the third le
750mL	stage may result in crop damage especially under stressed conditions and in sandy soils.
1.0L	DO NOT apply to Annual Medics or lucerne. <b>Warning:</b> APPARENT Panther Selective Herbicide may cause
I.UL	transient crop yellowing of clover, and may affect growth and seed set of some varieties of clover. (Refer to
750mL	"Crop Tolerance" section of General Instructions).  WEED STAGE
TOUTIL	Apply when weeds are actively growing. In most situations the rate specified for each weed size will give
500mL	satisfactory control. Under certain conditions such as:
OUUIIL	high crop and weed density;
1.0L	late season germinations;
	abnormal weed growth (including early flowering), higher rates of product (up to the maximum rate of
500mL	application specified for that weed) may be required.
750mL	APPARENT Panther Selective Herbicide will not effectively control:
500mL	regrowth of suppressed weeds;
750mL	• transplanted weeds;
1.0L	regrowth from rhizomes or roots;
750mL	weeds growing under stress from previous herbicide applications.
1.0L	GRAZING
	Efficacy on larger weeds will be improved by grazing with normal levels of stock after the 7 day withholding
	period. Refer to 'Protection of Livestock' for grazing precautions.
1.0L	APPLICATION
500mL	Activity of this product will be reduced if weeds are stressed. Optimum results will be obtained if good soil moisture exists at and after application. Where crop or weed density is high, water volume should be increased
500mL	THOISING EXISIS ALAITO AREI APPIICATION. WHERE CLOP OF WEED DELISITY IS HIGH, WATER VOIDINE SHOULD DE INCLEASED
350mL	
JJUIIL	

CROP	WEEDS CONTROLLED	STAGE OF WEED GROWTH	STATE
Cereals	Fumitory	2 - 6 leaf stage	ALL STATES
Wheat, barley,	Fullitory	2 - 0 ledi Staye	ALL STATES
oats, triticale,			
cereal rye			
Cereals	SUPP	RESSION OF THE FOLLOWING WEEDS	
Wheat, barley,	Saffron Thistle	Up to the 6 leaf stage	ALL STATES
oats, triticale,	Chickweed, Fireweed, Hexham	Up to the 4 leaf stage	
cereal rye	Scent (King Island Melilot),	op 10 010 1 100 010 gr	
(including cereals			
undersown with	Chickweed, Night- scented		
clover)	Stock, Paterson's Curse,		
<u>Pasture</u>	Peppercress, Skeleton Weed,		
Newly sown and	Long Storksbill, Volunteer		
established clover			
based pasture,	Wireweed (Hogweed)		
seed production	Common Sowthistle (Milk Thistle), Cowvine, Dock,	Up to the 2 leaf stage	
3000 production	Doublegee (Spiny Emex),		
	Fat Hen, Horehound, Hyssop		
	Loosestrife, Marshmallow,		
	Rough Poppy, Scarlet Pimpernel,		
	Stemless Thistle, Tree Hogweed,		
	Variegated Thistle, Vetch (tares)		
<u>Cereals</u>	Wild Radish	Up to the 4 leaf stage and not more than 120mm	ALL STATES
Wheat, barley,		in diameter	
oats, triticale,			
cereal rye			
		Up to the 6 leaf stage and not more than 150mm	
		in diameter	
		Up to the 8 leaf stage and not more than 180mm	
		in diameter*	

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

WITHHOLDING PERIODS

CROP HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

ALL CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

RATE/ha	CRITICAL COMMENTS
500mL	(Continued from above)
+200mL	WILD RADISH
Terbutryn	APPARENT Panther Selective Herbicide will provide residual control of Wild Radish for up to 4 weeks after
(500g/L)	application. Effective residual activity of this product may be reduced where:
, ,	• rates lower than 1.0L/ha are used:
1.0L	• dry conditions prevail:
1.02	poor coverage of the soil surface is achieved;
	crop is planted in non-wetting sand;
	• soils contain a high content of organic matter.
	Optimum results will be obtained if good soil moisture exists at and after application.
750mL	
1.0L	
1.02	
350mL plus	Refer also to all Critical Comments relating to weed stage, grazing, application and wild
200mL	radish above.
MCPA LVE	
	1441011 440101
(500g/L)	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than
(500g/L)	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.
(500g/L) 500mL plus	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.
(500g/L) 500mL plus 200mL	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage
(500g/L) 500mL plus 200mL MCPA LVE	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered
(500g/L) 500mL plus 200mL	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).
(500g/L) 500mL plus 200mL MCPA LVE (500g/L)	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered
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(500g/L) 500mL plus 200mL MCPA LVE (500g/L) 500mL plus 400mL	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 400mL: Apply from 5 leaf stage to fully tillered
(500g/L) 500mL plus 200mL MCPA LVE (500g/L) 500mL plus 400mL MCPA LVE	** Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 400mL: Apply from 5 leaf stage to fully tillered (Zadok's Z15 to Z30).
(500g/L) 500mL plus 200mL MCPA LVE (500g/L) 500mL plus 400mL	Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 400mL: Apply from 5 leaf stage to fully tillered (Zadok's Z15 to Z30).  Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowing).
(500g/L) 500mL plus 200mL MCPA LVE (500g/L) 500mL plus 400mL MCPA LVE	Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 400mL: Apply from 5 leaf stage to fully tillered (Zadok's Z15 to Z30).  Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowing).  WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15).
(500g/L) 500mL plus 200mL MCPA LVE (500g/L) 500mL plus 400mL MCPA LVE	* Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 400mL: Apply from 5 leaf stage to fully tillered (Zadok's Z15 to Z30).  Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowing).  WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15).  Warning: APPARENT Panther Selective Herbicide may cause transient crop yellowing of cereals. Some
(500g/L) 500mL plus 200mL MCPA LVE (500g/L) 500mL plus 400mL MCPA LVE	Reduced efficacy (suppression only) may be achieved on Wild Radish larger than 8 leaf or greater than 180mm in diameter.  DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.  Crop Stage  APPARENT Panther Selective Herbicide 350mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 200mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).  APPARENT Panther Selective Herbicide 500mL + MCPA LVE 400mL: Apply from 5 leaf stage to fully tillered (Zadok's Z15 to Z30).  Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowing).  WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15).

#### **WEED LIST**

WEED LIST Common name	Scientific name	
Canola (rape)	Brassica napus	
	Arctotheca calendula	
Capeweed		
Charlock	Sinapis arvensis	
Chickweed	Stellaria media	
Common Sowthistle (milk thistle)	Sonchus oleraceus	
Corn Gromwell	Buglossoides arvense	
Cowvine	Ipomoea lonchophylla	
Crassula	Crassula spp.	
Deadnettle	Lamium amplexicaule	
Dense-flower Fumitory	Fumaria densiflora	
Dock	Rumex spp.	
Doublegee (Spiny Emex)	Emex australis	
Fat Hen	Chenopodium album	
Fireweed	Senecio spp.	
Fumitory	Fumaria spp.	
Hedge Mustard	Sisymbrium officinale	
Hexham Scent (King Island Melilot)	Melilotus indicus	
Horehound	Marrubium vulgare	
Hyssop Loosestrife	Lythrum hyssopifolia	
Iceplant	Mesembryanthemum spp.	
Indian Hedge Mustard	Sisymbrium orientale	
London Rocket	Sisymbrium irio	
Long Storksbill	Erodium botrys	
Marshmallow	Malva parviflora	
Mouse-eared Chickweed	Cerastium glomeratum	
Night-scented Stock	Matthiola longipetala	
Paterson's Curse	Echium plantagineum	
Peppercress	Lepidium spp.	
Prickly Lettuce	Lactuca serriola	
Purple Goosefoot	Scleroblitum atriplicinum	
Rough Poppy	Papaver hybridum	
Saffron Thistle	Carthamus Ianatus	
Scarlet Pimpernel	Anagallis arvensis	
Shepherd's Purse	Capsella bursa-pastoris	
Skeleton Weed	Chondrilla iuncea	
Sorrel	Rumex spp.	
Stemless Thistle	Onopordum acaulon	
Toad Rush	Juncus bufonius	
Tree Hogweed	Polygonum patulum	
Turnip Weed		
	Rapistrum rugosum	
Variegated Thistle	Silybum marianu	

Common name	Scientific name
Vetch (Tares)	Vicia sativa
Volunteer Lupins	Lupinus spp.
Ward's Weed	Carrichtera annua
Wild Radish	Raphanus raphanistrum
Wild Turnip	Brassica tournefortii
Wireweed (Hogweed)	Polygonum aviculare

## GENERAL INSTRUCTIONS

#### RESISTANT WEEDS WARNING



APPARENT Panther Selective Herbicide is a member of the phenoxy and nicotinanilide groups of herbicides and acts by inhibiting carotenoid biosynthesis at the phytoene desaturase step (PDS inhibitors) and disrupting plant cell growth. For weed resistance management APPARENT Panther Selective Herbicide is both a Group F and a Group I herbicide. Some naturally occurring weed biotypes resistant to APPARENT Panther Selective Herbicide and other Group F and I 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 APPARENT Panther Selective Herbicide or other Group F or Group I herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, AIRR APPARENT Pty Ltd accepts no liability for any losses that may result from the failure of APPARENT Panther Selective Herbicide to control resistant weeds.

#### TOLERANCE

Some pre-emergence herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using this product. Subterranean clover is particularly sensitive.

#### CEREALS

After application some transient crop yellowing may occur. This usually appears as yellow or white banding on leaves. Provided the crop is not under stress from pre-emergent herbicide, root disease, insect damage, frost, dry or excessively moist conditions, the development of the crop and subsequent growth will be unaffected.

Warning (Oats): The tolerance of oat varieties Esk and Nile (the two main varieties grown in Tasmania) to APPARENT Panther Selective Herbicide has not been tested. Test a small area of crop before using APPARENT Panther Selective Herbicide over large areas. Consult your local AIRR APPARENT representative for advice on specific varieties.

#### PASTURE

The tolerance of clover varieties to APPARENT Panther Selective Herbicide can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress.

Warning: APPÄRENT Panther Selective Herbicide may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter, particularly at rates in excess of 500mL/ha and in areas of double spray. For this reason we recommend application prior to the 8 trifoliate leaf stage. However, at the lower rates (500mL/ha and less) and under normal growing conditions, subsequent growth and seed yield should not be affected. Under normal growing conditions, the following varieties have shown acceptable levels of foliage tolerance to APPARENT Panther Selective Herbicide applied at 500mL/ha:

ArrowLeaf: Zulu Balansa: Paradana Berseem: Sacromonte Persian: Kyambro, Lupers, Maral

White: Haifa

Subterranean Clover: Daliak, Dalkeith, Denmark, Esperance, Geraldton, Goulburn, Karridale, Larissa, Leura, Mt.Barker, Nungarin, Rosedale, Seaton Park, Trikkala and Woogenellup.

The effects of this product on clover seed yield have been tested on the following varieties. Under normal growing conditions they show acceptable levels of tolerance to this product applied at 500mL/ha:

Subterranean Clover: Esperance, Goulburn, Larissa, Seaton Park and Trikkala.

Warning: Rose and Strawberry clover have shown increased sensitivity to APPARENT Panther Selective Herbicide. APPARENT Panther Selective Herbicide may affect the seed yield of Subterranean Clover variety Woogenellup. Some pasture grasses, including Phalaris and Cocksfoot, may show some initial reduction in vegetative growth after application of APPARENT Panther Selective Herbicide. Care should be exercised if sensitive clover varieties or grasses are included in the pasture sward. Varieties not listed should be tested before using APPARENT Panther Selective Herbicide over large areas. Consult your local AIRR APPARENT representative for advice on specific varieties.

#### SUBSEQUENT CROPS

To reduce effect on subsequent susceptible crops (e.g. canola), ensure thorough cultivation of soil prior to the sowing of these crops.

#### MIXING

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate again before spraying commences. Reseal part-used product container immediately after use. Spray mixtures containing APPARENT Panther Selective Herbicide should not be left to stand overnight. Prolonged periods of exposure to cold temperatures could result in settling out of the product in the mixture.

Warning: The rubber components present in some spraying units may be affected by exposure to the solvents in APPARENT Panther Selective Herbicide and some other agricultural products. To reduce this risk it is recommended that the spray unit be thoroughly washed with a boom cleaner and fresh water after use. Contact the spray unit manufacturer to determine the suitability of the rubber components for use with agricultural products.

#### APPLICATION

Boom Sprayer: A minimum of 50L of water per hectare should be used, however, for optimum results water rates of 70-100L/ha are recommended. Increase the water volume if weed infestation is heavy or crop cover is dense. Complete coverage of weeds is essential.

Aircraft (NSW, Vic, SA only): Apply in a minimum of 30L water per hectare. Effective weed control will only be achieved where good coverage of leaf surface is achieved.

#### COMPATIBILITY

The following products are physically compatible with APPARENT Panther Selective Herbicide as a two-way mixture in the spray tank but should only be used for the crops specified:

Crop	APPARENT Panther Selective Herbicide	Compatible Product
Wheat, triticale and cereal rye only	Up to 750mL/ha	Hoegrass* (also barley), Tristar* Advance (1.5L rate only), Wildcat* (wild oats only)
Cereals (including undersown)	All rates	Chlorpyrifos (500g/L), dimethoate, Thiodan*
Cereals (not undersown)	Up to 500mL/ha	Ally*, Glean*, MCPA LVE, Logran*
	All rates	Bromoxynil (200g/L), 2,4-D Amine 500 Herbicide, Lontrel*, Tordon* 50-D, Cadence* (up to 115g only), Eclipse*
Wheat, barley, triticale, and cereal rye only (not undersown)		Achieve*
Wheat only (not undersown)		Topik*
Clover	Up to 750mL/ha	Targa*, Fusilade*
Subterranean Clover		Simazine (500g/L), simazine (500g/L) + paraquat (200g/L) mixture
	Up to 1.0L/ha	2,4-DB amine (500g/L)

When mixing with other herbicides, crop yellowing may be enhanced. When mixing with Hoegrass, Wildcat or Tristar Advance some reduction in the efficacy and speed of action of these products may occur. If the crop is stressed, the application of the herbicide tank-mixtures may cause yield reduction. When mixing with Cadence a temporary wilting may be evident in some crops after application. Growers should seek advice before spraying recently released cereal varieties.

Use the recommended rates for both herbicides in the tank-mixture as well as the surfactant recommendation of the grass

DO NOT add surfactant when mixing APPARENT Panther Selective Herbicide and Ally.

herbicide. If another herbicide is applied as a tank mix, observe the plantback restrictions on that label.

**Simazine:** Refer to the simazine label for correct application rates, especially with regard to soil types. This product may be mixed in the spray tank with one of the following insecticides according to the directions for use on this product: Hallmark\* 50EC. Dominex\* 100EC. Karate\*. Decis Options\* and Talstar\*.

**Warning:** DO NOT use crop oils with APPARENT Panther Selective Herbicide or APPARENT Panther Selective Herbicide tank mixtures with other products in cereals. As formulations of other manufacturer's products are beyond the control of AIRR APPARENT Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

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

DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/ crops, cropping lands or pastures. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

#### PROTECTION OF LIVESTOCK

Grazing Precaution: Sprayed weeds may become more palatable to stock and a higher intake of some weeds may result in stock poisoning and death from causes such as nitrate poisoning.

Care should be taken especially where Capeweed, Paterson's Curse and variegated thistles predominate in the pasture. Avoid grazing with young or breeding stock.

DO NOT graze horses or pigs on Paterson's Curse. If in doubt, contact your nearest Department of Agriculture.

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

Dangerous to fish. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

#### STORAGE AND DISPOSAL

Store in the original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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 500mm 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.

For Refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### SAFETY DIRECTIONS

Harmful if swallowed. Will damage the eyes. Will irritate the skin. Avoid contact with eyes and skin. DO NOT inhale vapour. When opening the container, 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, New Zealand 0800 764 766. If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes, wash out immediately with water.

#### SAFFTY DATA SHFFT

For further information, refer to Safety Data Sheet (SDS) which is available from the supplier.

#### CONDITIONS OF SALE

The use of Apparent Panther Selective Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by AIRR Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and AIRR Apparent Pty Ltd accepts no responsibility for any consequence whatsoever resulting from the use of this product.

\* Other trademarks