POISON

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

Apparent Quizalofop 200 EC Selective Herbicide

ACTIVE CONSTITUENT: 200 g/L QUIZALOFOP-P-ETHYL **SOLVENTS: 592 g/L HYDROCARBON LIQUID** 150 g/L N-METHYL-PYRROLIDONE





For the control of certain grass weeds in broadleaf crops as per Directions for Use table.

READ THE ATTACHED BOOKLET BEFORE OPENING OR USING.

CONTENTS: 10 L, 20 L, 110 L, 200 L, 1000 L.

Apparent Pty Ltd Suite G.08, 762 Toorak Road, Glen Iris VIC 3146, PO Box 3092 Cotham PO Kew Vic 3101 Phone 03 9817 5536 Mobile 0411 227 338 Email: wwardell@bigpond.net.au

Apparent Quizalofop 200 EC Selective Herbicide

PRECAUTON: RE-ENTRY

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT plant cereal crops into the treated area for a period of 18 weeks after application of Apparent Quizalofop 200 EC Selective Herbicide.

DO NOT apply under weather conditions, or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping land or pastures.

PROTECTON OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

(20 L and 200 L only)

DO NOT store tank-mixes of Apparent Quizalofop 200 EC Selective Herbicide with other materials. Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. When storing, keep from contact with fertilisers, fungicides and seeds. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, relace cap and return clean container to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the container 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. If the container is a returnable/refillable type, when empty, or contents no longer required, return the container to the point of purchase. This type of container remains the property of Apparent Pty Ltd.

Refillable Containers (1000 L only)

Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum 110 L Mini Bulk Returnable Container

Store the original sealed Envirodrum in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Apparent Pty Ltd.

SAFETY DIRECTIONS

Will irritate the eyes, avoid contact with eyes. When opening the container, preparing spray, and using the prepared spray wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. Wash hands after use After each day's use, wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting. Give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

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

CONDITIONS OF SALE

The use of Apparent Quizalofop 200 EC Selective Herbicide being beyond the control of the manufacturer no warranty expressed or implied is given by 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 Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

APVMA Approval No:

68393 / 58280

BN:

DOM:

POISON

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Apparent Quizalofop 200 EC **Selective Herbicide**

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For the control of certain grass weeds in broadleaf crops as per Directions for Use table.

IMPORTANT: READ THIS LEAFLET THOROUGHLY BEFORE USING THIS PRODUCT

APVMA Approval No: 68393 / 58280

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DIRECTIONS FOR USE RESTRAINTS:

DO NOT apply to crops that are stressed by any cause (such as severe cold weather, disease, drought or waterlogging)

DO NOT apply to weeds that are stressed by any cause (such as weather conditions, drought, waterlogging) or not actively growing. Grass weeds under stress frequently become less susceptible to herbicide activity. This may result in incomplete kill or suppression of weeds only

DO NOT apply under conditions of high temperature and low humidity.

DO NOT apply if rainfall is expected within 3 hours.

DO NOT apply less than 50 L prepared spray/ha – see section "Ground Spraying".

BOOM SPRAYING: WINTER GROWING WEEDS: ALL STATES

WEEDS CONTROLLED Annual Ryegrass (Lolium rigidum), Brome grasse (Hordeum spp.), Volunteer Barley, Volunteer Wheat Wild Oats (Avena spp.)
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Always add a surfactant/wetting agent at the recommended rate - See section on "Use of Surfactant/Wetting Agent" for details.

IMPORTANT DO NOT apply Apparent Quizalofop 200 EC Selective Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

BOOM SPRAYING: SUMMER GROWING WEEDS: ALL STATES

	STUDINGOLING	Chilcae Comments	Apply when weeds are actively growing. Use higher	rate under heavy weed pressure and/or when	weeds have commenced tillering.*				Apply when weeds are actively growing. This rate	will only control seedling Couch Grass which is less	than 2 months old and established from seed. *	Apply when weeds are actively growing 1 lee higher	rate inder heavy weed pressure and/or when	weeds have commenced tillering.*	Apply when weeds are actively growing.*		Apply when weeds are actively growing. Use higher	rate under heavy weed pressure and/or when	weeds have commenced tillering.*										Apply when weeds are actively growing.*			Apply when weeds are actively growing. Use higher	rate under heavy weed pressure and/or when weeds have commenced tillering.*
	WITHHOLDING PERIOD	HARVEST GRAZING	14 days	9 weeks	14 weeks	10 weeks	14 days	5 weeks 4 weeks	9 weeks	- 4 weeks		12 weeks 4 weeks		10 weeks	2 davs	9 weeks	21 days	12 weeks 4 weeks															
SIAIES	DATE /HA	אווישושע	250 mL	ō	375 mL				250 mL			125 ml		190 mL	250 mL		125 mL	or	250 mL	250 mL	or	375 mL				125 mL	or	250 mL	250 mL			250 mL	or 500 mL
	WEEDS	STAGE	3 leaf to	early tillering				,	2 to 4 leaf	seedling		3 loof to	early fillering	8	2 leaf to	early tillering	2 leaf to	early tillering	,	2 leaf to 3	tiller					3 leaf to	early tillering		3 leaf to	early tillering		3 leaf to	early tillering
BOOM SPRATING: SUMMER GROWING WEEDS: ALL	WEEDS	CONTROLLED	Awnless barnyard	grass (Echinochloa	colona),	Barnyard grass	(Echinochloa	crusgalli),	Couch grass	(Cynodon dactylon)		Dinahra	(Dinebra retroflexa)		Crowsfoot grass	(Eleusine indica)	Foxtail millet	(Setaria italica)		Columbus grass	(Sorghum x almum),	Johnson grass	(Sorghum halepense).	Liverseed grass	(Urochloa panicoides)	Rhodes grass (Chloris	gayana).	Stink grass (<i>Eragrostis</i> cilianensis)	Queensland blue	grass (Dichanthium	sericeum)	Summer grass	(Digitana ciliaris)
BOOM SPRATING.	aCaS	בספס	Beetroot	Cabbage	Cauliflower	Carrots	Cucumbers •	Green Beans	Honey Dew Melons •	Lucerne	Mung Beans	Navy Beans	Onlons	Potatoes	Pineapples	Pumpkins •	Radish	Sovbeans	Sunflowers	Tomatoes													

Always add a surfactant/wetting agent at the recommended rate - See section on "Use of Surfactant/Wetting Agent" for details.

IMPORTANT DO NOT apply Apparent Quizalofop 200 EC Selective Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

91 201 115L 200L 1000L Laber

HAND GUN SPRAYING: ALL STATES

	RATE /HA WITHHOLDING PERIOD CRITICAL COMMENTS	HARVEST GRAZING CALLICAL COMMENTS	65 mL 14 days - Apply when weeds are actively growing. Use a	g 9 weeks - minimum of 800 L of prepared spray/ha.	14 days - Thoroughly wet target weeds (especially well -	11 weeks 4 weeks established clumps) without causing runoff.	10 weeks - Repeated sprays may be necessary for perennial	12 weeks 4 weeks grass species.	14 days		Always add a surfactant/wetting agent at the	14 days recommended rate see section on "Use of	12 weeks	9 weeks 4 weeks	,	5 weeks 4 weeks	1.25 mil 9 weeks	12 Weeks 4 weeks		6 weeks			12 weeks 4 weeks		18 weeks -	11 weeks 11 weeks	7 days -	10 weeks -	9 weeks -	21 days -	12 weeks 4 weeks	9 weeks 11 weeks	4 weeks -
4			14 days	9 weeks	14 days	11 weeks	10 weeks					14 days			1	5 weeks	9 weeks	12 weeks	1	6 weeks	1	12 weeks	12 weeks	1	18 weeks	11 weeks	7 days	10 weeks	9 weeks	21 days	12 weeks		4 weeks
	RATE /H		65 mL														10F m	123 IIIL															
	WEEDS	STAGE	3 leaf to	early tillering					Seedling to	established	clumps	Seedling	2 leaf to	early tillering	,		Dhizomo	2 leaf to	parly fillering	cany money	Seedling to	established	plants										
	WEEDS	CONTROLLED	Awnless barnyard	grass (Echinochioa	colona),	Crowsfoot grass	(Eleusine indica)		Paspalum (Paspalum	dilatatum)		Johnson grass	(Sorghum halepense)								Kikuyu (Pennisetum	clandestinum)											
HAND GON SPRATING: ALL STATES	000	רסאס	Beetroot	Cabbage	Cauliflower	Canola	Carrots	Chickpeas	Clover &	Sub Clover	pastures	Cucumbers •	Faba Beans	Field Peas	Grapes	Green Beans	Honey Dew Melons •	Lentils	Lucerne	Lupins	Medic Pasture	Mung Beans	Navy Beans	Non Crop	Onions	Peanuts	Pineapples	Potatoes	Pumpkins •	Radish	Soybeans	Sunflowers	Tomatoes

• IMPORTANT: DO NOT apply Apparent Quizalofop 200 EC Selective Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

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

WITHOLDING PERIOD

HARVEST

Beetroot, Cauliflower, Cucumbers: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

Cabbage. Field Peas, Honey Dew Melon, Pumpkins, Sunflowers: **DO NOT HARVEST FOR 9 WEEKS AFTER APPLICATION.**

Carrots, Potatoes: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION.

Chickpeas, Faba Beans, Lentils, Mung Beans, Navy Beans, Soybeans, Vetch: **DO NOT HARVEST FOR 12 WEEKS AFTER APPLICATION.**

Canola, Peanuts: **DO NOT HARVEST FOR 11 WEEKS AFTER APPLICATION.** Green Beans: **DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION.**

Lupins: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.
Onions: DO NOT HARVEST FOR 18 WEEKS AFTER APPLICATION.
Pineapples: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.
Radish: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.
Tomatoes: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

GRAZING

Canola, Chickpeas, Faba Beans, Field Peas, Green Beans, Lentils, Lucerne, Lupins, Mung Beans, Navy Beans, Soybeans, Vetch: **DO NOT GRAZE OR CUT FOR STOCK FEED FOR 4 WEEKS AFTER APPLICATION.**

Clover, Medic Pastures (except Lucerne): DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION.

Peanuts, Sunflowers: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 11 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Apparent Quizalofop 200 EC Selective Herbicide is an emulsifiable concentrate herbicide used post emergence for the control of certain grass weeds in specified broadleaf crops. Apparent Quizalofop 200 EC Herbicide is a systemic herbicide, which is rapidly absorbed and readily translocates from the treated foliage to the root system and growing points of the plant. Applications made to grass weeds stressed due to insufficient moisture or cold temperatures may result in unsatisfactory control.

Time of Application

For maximum benefit, weeds should be sprayed when young and actively growing. Application may be made at any stage of crop growth (except to curcurbit crops), but sufficient time must be allowed for the prescribed withholding period to expire before harvest and/or grazing or cutting for stockfeed.

IMPORTANT: DO NOT apply Apparent Quizalofop 200 EC Selective Herbicide to curcurbit crops before the five true leaf stage.

Spray Preparation

If spray equipment has been previously used for the application of a sulfonylurea herbicides eg (Metsulfuron methyl), chlorsulfuron, thifensulfuron methyl, triasulfuron, ensure that the recommended sprayer equipment procedure for the product previously applied has been followed, before using the equipment for the application of Apparent Quizalofop 200 EC Selective Herbicide. Apparent Quizalofop 200 EC Selective Herbicide is an emulsifiable concentrate to be mixed with water and applied as a spray. Add the required amount of Apparent Quizalofop 200 EC Selective Herbicide directly to the spray tank and mix well. If mixing with mancozeb or carbendazim, add these to the spray tank and mix thoroughly PRIOR to adding Apparent Quizalofop 200 EC Selective Herbicide. If spray solution has been left standing for more than 3 hours ensure thorough re-agitation before commencement of spraying. DO NOT allow spray mixture to stand overnight, as re-suspension may be difficult.

Use of a Surfactant/Wetting Agent

Apparent Quizalofop 200 EC Selective Herbicide may be used with either of the following adjuvant systems:

- 1) A methylated and/or ethylated seed crop oil (eg Hasten#) at 1 L/100 L of final spray volume (i.e. 1% v/v).
- 2) A non-ionic surfactant (1000 gai/L) at 200 mL/100 L of final spray volume (i.e. 0.2% v/v). DO NOT use Apparent Quizalofop 200 EC Selective Herbicide with mineral based crop oils (eg D-

C-Trate#) or non-methylated spray oils of crop origin (eg Codacide# oil, Synetrol# oil) as spray adjuvants.

Compatibilities

Apparent Quizalofop 200 EC Selective Herbicide is compatible with the herbicides sethoxydim and clethodim. The recommended surfactant/wetting agent is the methylated and/or ethylated seed crop oil adjuvant system. Apparent Quizalofop 200 EC Selective Herbicide is compatible with the insecticides deltamethrin, omethoate, dimethoate, methomyl, endosulfan, the fungicides carbendazim and mancozeb and the herbicide clopyralid when using the methylated and/or ethylated seed crop oil adjuvant system.

Apparent Quizalofop 200 EC Selective Herbicide is compatible with the herbicide diflufenican when using the non-ionicsurfactant only adjuvant system. DO NOT add crop oil to tank mixtures of Apparent Quizalofop 200 EC Selective Herbicide/diflufenican. Application of Apparent Quizalofop 200 EC Selective Herbicide/diflufenican tank mix may result in crop effects, which usually appear as yellow or white bleaching on the leaves. New growth and subsequent yield, however, will not be affected. To minimise crop effects apply Apparent Quizalofop 200 EC Selective Herbicide a minimum of 5 days prior to diflufenican application or a minimum 10 days after diflufenican application. (14 – 21 days if weeds have been stressed).

Ground Spraying

Use between 50 and 100 litres of prepared spray/ha, the higher spray volume gives more reliable results. If weeds are large and the crop canopy is dense, increase the volume to 150 litres prepared spray/ha.

Use sprayers with flat fan or hollow cone nozzles at 210 - 350 kPa to give an even distribution of droplets with no less than 50% of the spray volume in the 150 - 300 micron range. 110° flat fan nozzles are preferred. For proper spray coverage adjust the boom and nozzle height according to the specification listed by the nozzle manufacturers. Ensure the spray is evenly distributed and a double overlap spray pattern is obtained. Avoid overlapping boomspray widths and shut off spray booms while starting, turning, slowing or stopping.

SPRAYER CLEANUP

Thoroughly clean all traces of Apparent Quizalofop 200 EC Selective Herbicide from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean those parts separately). Failure to thoroughly clean the equipment may result in injury to subsequently sprayed cereal and grass crops. If spray equipment has been previously used for the application of sulfonylurea herbicides eg metsulfuron methyl, thifensulfuron methyl, chlorsulfuron, triasulfuron or terbutryn, ensure that the recommended sprayer cleanup procedure of the product previously sprayed has been followed before using the equipment for the application of Apparent Quizalofop 200 EC Selective Herbicide.

RESISTANT WEEDS WARNING

GROUP A HERBICIDE

Apparent Quizalofop 200 EC Selective Herbicide is a member of the "Fop" (aryloxyphenoxy propianate) group of herbicides. Apparent Quizalofop 200 EC Herbicide has the inhibitors of acetyl coA carboxylase mode of action. For weed resistance management Apparent Quizalofop 200 EC Herbicide is a Group A herbicide. Some naturally occurring weed biotypes resistant to Apparent Quizalofop 200 EC 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 Apparent Quizalofop 200 EC Herbicide or other Group A Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Quizalofop 200 EC Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local Apparent Pty Ltd Representative.

PRECAUTION: RE-ENTRY

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF CROPS NATIVE AND OTHER NON-TARGET PLANTS

DO NOT plant cereal crops into the treated area for a period of 18 weeks after application of Apparent Quizalofop 200 EC Selective Herbicide.

DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/cops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

(20 L and 200 L only)

DO NOT store tank-mixes of Apparent Quizalofop 200 EC Selective Herbicide with other materials. Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. When storing, keep from contact with fertilisers, fungicides and seeds. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, relace cap and return clean container to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the container 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. If the container is a returnable/refillable type, when empty, or contents no longer required, return the container to the point of purchase. This type of container remains the property of Apparent Pty Ltd.

Refillable Containers (1000 L only)

Store in the closed original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Envirodrum 110 L. Mini Bulk Returnable Container

Store the original sealed Envirodrum in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to the point of purchase. The Envirodrum remains the property of Apparent Pty Ltd.

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If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting. Give a glass of water. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

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CONDITIONS OF SALE

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Other trademark