

69768/61687
Book

QUIZALOFOP 200EC

100mm

150mm

150mm

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

SANONDA HERBICIDE
QUIZALOFOP 200EC

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

GROUP A HERBICIDE

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

**IMPORTANT: READ THE ATTACHED LEAFLET
BEFORE USING THIS PRODUCT.**

READ THIS LEAFLET BEFORE USING THIS PRODUCT

APVMA Approval No.: 69768/61687



SANONDA
(AUSTRALIA) PTY LTD
ABN 23 059 813 973

SANONDA (Australia) Pty Ltd
Suite 822, St Kilda Road Towers,
1 Queens Road, Melbourne, VIC 3004
TEL: (03) 9863 8081 FAX: (03) 9863 8083
E-mail: email@sanonda.oz.com
Website: www.sanonda.oz.com

100mm

150mm

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 an 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 50L prepared spray/ha – see section "Ground Spraying".

BOOM SPRAYING: WINTER GROWING WEEDS: ALL STATES.

CROPS	WEEDS CONTROLLED	WEEDS STAGE	RATE/ Ha	WITHHOLDING PERIOD		CRITICAL COMMENTS
				HARVEST	GRAZING	
Beetroot Cabbage Canola Carrots Cauliflower Chickpeas Clover & subclover pastures Cucumbers*	Annual Ryegrass (<i>Lolium rigidum</i>) Brome Grasses (<i>Bromus</i> spp.)	3 leaf to early tillering	150mL	14 days	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
			or 190mL	9 weeks	--	
Faba beans Field peas Honey dew melons* Lentils Lucerne Lupins Medic pasture Mung beans Navy beans Onions Potatoes Pumpkins* Radish Tomatoes Vetch	Barley grass (<i>Hordeum</i> spp) Volunteer Barley Volunteer Wheat	3 leaf to early tillering	125mL	12 weeks	4 weeks	Apply when weeds are actively growing*.
				9 weeks	4 weeks	
	Wild Oats (<i>Avena</i> spp)	3 leaf to mid tillering	65mL	9 weeks	--	Apply when weeds are actively growing. Use the lower rate only under light weed pressure and/or when weeds are at the 1-3 leaf stage. Use higher rate under heavy weed pressure and/or when weeds are tillering. The higher rate will give better or more reliable control*.
			or 125mL	12 weeks	4 weeks	
				18 weeks	--	
				10 weeks	--	
				9 weeks	--	
				21 days	--	
				4 weeks	--	
				12 weeks	4 weeks	

*Always add a surfactant/wetting agent at the recommended rate. See section on "use of surfactant/wetting agent" for details.

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

100mm

150mm

BOOM SPRAYING: SUMMER GROWING WEEDS: ALL STATES.

CROPS	WEEDS CONTROLLED	WEEDS STAGE	RATE/Ha	WITHHOLDING PERIOD		CRITICAL COMMENTS
				HARVEST	GRAZING	
Beetroot	Awlless Barnyard Grass (<i>Echinochloa colona</i>)	3 leaf to early tillering	250mL or 375mL	14 days	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Cabbage				9 weeks	--	
Cauliflower	Barnyard Grass (<i>Echinochloa crusgalli</i>)	2 – 4 leaf seedling	250mL	14 weeks	--	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*.
Carrots				10 weeks	--	
Cucumbers*	Couch grass (<i>Cynodon dactylon</i>)	2 – 4 leaf seedling	250mL	14 days	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Green beans				5 weeks	4 weeks	
Honey dew melons*	Dinebra (<i>Dinebra retroflexa</i>)	3 leaf to early tillering	125mL or 190mL	9 weeks	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Lucerne				4 weeks	4 weeks	
Mung beans	Dinebra (<i>Dinebra retroflexa</i>)	3 leaf to early tillering	125mL or 190mL	12 weeks	4 weeks	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Navy beans				12 weeks	4 weeks	
Onions	Crowsfoot grass (<i>Eleusine indica</i>)	2 leaf to early tillering	250mL	18 weeks	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Peanuts				11 weeks	--	
Potatoes	Foxtail Millet (<i>Setaria italica</i>)	2 leaf to early tillering	125mL or 250mL	10 weeks	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Pineapples				7 days	--	
Pumpkins*	Columbus grass (<i>Sorghum x alatum</i>)	2 leaf to 3 tiller	250mL or 375mL	9 weeks	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Radish				21 days	4 weeks	
Soybeans	Johnson grass (<i>Sorghum halepense</i>)	2 leaf to 3 tiller	250mL or 375mL	12 weeks	11 weeks	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
Sunflower				9 weeks	--	
Tomatoes	Liverseed grass (<i>Urochloa panicoides</i>)	3 leaf to early tillering	125mL or 250mL	4 weeks	--	Apply when weeds are actively growing*.
	Rhodes grass (<i>Chloris gayana</i>)	3 leaf to early tillering	250mL			Apply when weeds are actively growing*.
	Strink grass (<i>Eragrostis cilianensis</i>)	3 leaf to early tillering	250mL			Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
	Queensland Blue grass (<i>Dichanthium sericeum</i>)	3 leaf to early tillering	250mL or 500mL			Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
	Summer grass (<i>Digitaria ciliaris</i>)	3 leaf to early tillering	250mL or 500mL			Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.

*Always add a surfactant/wetting agent at the recommended rate. See section on "use of surfactant/wetting agent" for details.

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

HAND GUN SPRAYING: ALL STATES

CROPS	WEEDS CONTROLLED	WEEDS STAGE	RATE/ Ha	WITHHOLDING PERIOD		CRITICAL COMMENTS
				HARVEST	GRAZING	
Beetroot	Awlless Barnyard Grass (<i>Echinochloa colona</i>)	3 leaf to early tillering	65 mL	14 days	--	Apply when weeds are actively growing. Use a minimum of 800L of prepared spray/ha.
Cabbage				9 weeks	--	
Cauliflower	Crowsfoot grass (<i>Eleusine indica</i>)	Seedling to Established Clumps	125 mL	14 days	--	Thoroughly wet target weeds (especially well established clumps) without causing runoff. Repeat spraying may be necessary for perennial grass species.
Canola				11 weeks	4 weeks	
Carrots	Paspalum (<i>Paspalum dilatatum</i>)	Seedling to Established Clumps	125 mL	10 weeks	--	Always add a surfactant/wetting agent at the
Chickpeas				12 weeks	4 weeks	
Clover & subclover pastures	Johnson grass (<i>Sorghum halepense</i>)	Seedling 2 leaf to early tillering	125 mL	--	14 days	Always add a surfactant/wetting agent at the
Cucumbers*				14 days	--	
Faba beans	Rhizome 2	Rhizome 2	125 mL	12 weeks	4 weeks	Always add a surfactant/wetting agent at the
Field peas				9 weeks	4 weeks	

100mm

150mm

Grapes		leaf to early tillering	--	--	recommended rate – see section on "Use of Surfactant/Wetting agent" for details.	
Green beans			5 weeks	4 weeks		
Honey dew melons*	Kikuyu (<i>Pennisetum Clandestinum</i>)	Seedling to Established plants	9 weeks	--		
Lentils				12 weeks	--	4 weeks
Lucerne				--	--	4 weeks
Lupins				6 weeks	--	4 weeks
Medic pasture				--	--	14 days
Mung beans				12 weeks	--	4 weeks
Navy beans				12 weeks	--	4 weeks
Non crop				--	--	--
Onions				18 weeks	--	--
Peanuts				11 weeks	--	11 weeks
Pineapples				7 days	--	--
Potatoes				10 weeks	--	--
Pumpkins*				9 weeks	--	--
Radish				21 days	--	--
Soy beans				12 weeks	--	4 weeks
Sunflowers				9 weeks	--	11 weeks
Tomatoes				4 weeks	--	--
Vetch				12 weeks	--	4 weeks

•IMPORTANT: DO NOT apply Sanonda Herbicide Quizalofop 200EC 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

BEEFROOT, 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.

GRAPES: NOT REQUIRED WHEN USED AS DIRECTED.

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

Sanonda Herbicide Quizalofop 200EC is an emulsifiable concentrate herbicide used post emergence for the control of certain grass weeds in specified broadleaf crops.

100mm

150mm

Sanonda Herbicide Quizalofop 200EC 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 cucurbit 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 Sanonda Herbicide Quizalofop 200EC to cucurbit crops before the five true leaf stage.

Spray Preparation

If spray equipment has been previously used for the application of 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 Sanonda Herbicide Quizalofop 200EC. Sanonda Herbicide Quizalofop 200EC is an emulsifiable concentrate to be mixed with water and applied as a spray. Add the required amount of Sanonda Herbicide Quizalofop 200EC 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 Sanonda Herbicide Quizalofop 200EC. 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

Sanonda Herbicide Quizalofop 200EC may be used with either of the following adjuvant system:
1). A methylated and/or ethylated seed crop oil (eg Hasten[®]) at 1L/100L of final spray volume (i.e. 1%V/V)
2). A non-ionic surfactant, 1000g/L at 200 mL/100L of final spray volume (i.e.0.2%V/V).

Incompatibilities

DO NOT use Sanonda Herbicide Quizalofop 200EC with mineral based crop oils (eg Smart Up Spray Oil Adjuvant, D-C-Trate[®]) or non-methylated spray oils of crop origin (eg Smart Crop Spray Oil, Codacide[®] oil, Syntrol[®] oil) as spray adjuvants.

Compatibilities

Sanonda Herbicide Quizalofop 200EC is compatible with the herbicides sethoxydim and clethodim. The recommended surfactant/wetting agent is the methylated and/or ethylated seed crop oil adjuvant system. Sanonda Herbicide Quizalofop 200EC 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. Sanonda Herbicide Quizalofop 200EC is compatible with the herbicide diflufenican when using the non-ionic surfactant only adjuvant system. DO NOT add crop oil to tank mixtures of Sanonda Herbicide Quizalofop 200EC /diflufenican. Application of Sanonda Herbicide Quizalofop 200EC /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 Sanonda Herbicide Quizalofop 200EC 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

100mm

150mm

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. 1100 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, slowing or stopping.

Sprayer Cleanup

Thoroughly clean all traces of Sanonda Herbicide Quizalofop 200EC 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 600 WG Herbicide, thifensulfuron methyl, chlorsulfuron, Triasulfuron 750 WG Herbicide ensure that the recommended sprayer cleanup procedure of the product previously sprayed has been followed before using the equipment for the application of Sanonda Herbicide Quizalofop 200EC.

RESISTANT WEEDS WARNING

GROUP A HERBICIDE

Sanonda Herbicide Quizalofop 200EC is a member of the "Fop" (aryloxyphenoxy propanate) group of herbicides. Sanonda Herbicide Quizalofop 200EC has the inhibitors of acetyl coA carboxylase mode of action. For weed resistance management Sanonda Herbicide Quizalofop 200EC is a Group A Herbicide. Some naturally occurring weed biotypes resistant to Sanonda Herbicide Quizalofop 200EC 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 Sanonda Herbicide Quizalofop 200EC or other Group A Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sanonda (Australia) Pty.Ltd accepts no liability for any losses that may result from failure of Sanonda Herbicide Quizalofop 200EC to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier consultant, Sanonda (Australia)'s representative, local Department of Agriculture or Primary Industries.

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 Sanonda Herbicide Quizalofop 200EC.

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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL (20L only)

69768/61687
Book

QUIZALOFOP 200EC



SANONDA
(AUSTRALIA) PTY LTD
ABN 23 059 813 973

SANONDA (Australia) Pty Ltd
Suite 822, St Kilda Road Towers,
1 Queens Road, Melbourne, VIC 3004
TEL: (03) 9863 8081 FAX: (03) 9863 8083
E-mail: email@sanondaoz.com
Website: www.sanondaaz.com

