

Product Name: Spalding Quiz 200 EC Herbicide  
APVMA Approval No: 87837/119520



Label Name:	Spalding Quiz 200 EC Herbicide
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	200 g/L QUIZALOFOP-P-ETHYL SOLVENTS: 592 g/L HYDROCARBON LIQUID 150 g/L N-METHYL-PYRROLIDONE
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Mode of Action:	GROUP A HERBICIDE
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Statement of Claims:	For the Control of Certain Grass Weeds in Broadleaf Crops as per Directions for Use
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Net Contents:	20L, 110L, 1000L
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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'.
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Directions for Use:	This section contains file attachment.
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Other Limitations:	NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION
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Withholding Periods:	<p><b>HARVEST</b></p> <p>Beetroot, Cauliflower, Cucumbers: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.</p> <p>Cabbage, Field Peas, Honey Dew Melon, Pumpkins, Sun Flowers: DO NOT HARVEST FOR 9 WEEKS AFTER APPLICATION</p> <p>Carrots, Potatoes: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION</p> <p>Chickpeas, Faba Beans, Lentils, Mung Beans, Navy Beans, Soybeans, Vetch: DO NOT HARVEST FOR 12 WEEKS AFTER APPLICATION</p> <p>Canola, Peanuts: DO NOT HARVEST FOR 11 WEEKS AFTER APPLICATION</p> <p>Green Beans: DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION</p> <p>Grapes: NOT REQUIRED WHEN USED AS DIRECTED</p> <p>Lupins: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION</p> <p>Onions: DO NOT HARVEST FOR 18 WEEKS AFTER APPLICATION</p> <p>Pineapples: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION</p> <p>Radish: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION</p> <p>Tomatoes: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION</p> <p><b>GRAZING</b></p> <p>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</p> <p>Clover, Medic Pastures (Except Lucerne): DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION</p> <p>Peanuts, Sunflowers: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 11 WEEKS AFTER APPLICATION</p>
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Trade Advice:	
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General Instructions:	<p>Spalding Quiz 200 EC Herbicide is an emulsifiable concentrate herbicide used post emergence for the control of certain grass weeds in specified broadleaf crops. Spalding Quiz 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.</p> <p><b>Time of Application</b></p> <p>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.</p> <p><b>IMPORTANT:</b> DO NOT apply Spalding Quiz 200 EC Herbicide to cucurbit crops before the five true leaf stage.</p> <p><b>Spray Preparation</b></p> <p>If spray equipment has been previously used for the application of sulfonylurea herbicides e.g. 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 Spalding Quiz 200 EC Herbicide. Spalding Quiz 200 EC Herbicide is an emulsifiable concentrate to be mixed with water and applied as a spray. Add the required amount of Spalding Quiz 200 EC Herbicide directly to the spray tank and mix well. If mixing with mancozeb or carbendazim, add these to</p>
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the spray tank and mix thoroughly PRIOR to adding Spalding Quiz 200 EC 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

Spalding Quiz 200 EC Herbicide may be used with either of the following adjuvant system:

1. A methylated and/or ethylated seed crop oil (e.g. Hasten#) at 1L/100L of final spray volume (i.e. 1%v/v).
2. Spalding Surewet 1000 Surfactant (non-ionic surfactant, 1000g/L) at 200 mL/100L of final spray volume (i.e. 0.2%v/v).

#### Incompatibilities

DO NOT use Spalding Quiz 200 EC Herbicide with mineral based crop oils (e.g. D-C-Trate#) or non-methylated spray oils of crop origin (e.g. Codacide# Oil, Synetrol# Oil) as spray adjuvants.

#### Compatibilities

Spalding Quiz 200 EC 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. Spalding Quiz 200 EC 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. Spalding Quiz 200 EC Herbicide is compatible with the herbicide diflufenican when using the non-ionic surfactant only adjuvant system. DO NOT add crop oil to tank mixtures of Spalding Quiz 200 EC Herbicide /diflufenican. Application of Spalding Quiz 200 EC 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 Spalding Quiz 200 EC 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, slowing or stopping.

#### Sprayer Cleanup

Thoroughly clean all traces of Spalding Quiz 200 EC 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 e.g. metsulfuron-methyl, thifensulfuron-methyl, chlorsulfuron, triasulfuron ensure that the recommended sprayer cleanup procedure of the product previously sprayed has been followed before using the equipment for the application of Spalding Quiz 200 EC Herbicide.

Resistance Warning:	<b>GROUP A HERBICIDE</b> Spalding Quiz 200 EC Herbicide is a member of the 'Fop' (aryloxyphenoxy propionate) group of herbicides. Spalding Quiz 200 EC Herbicide has the inhibitors of acetyl CoA carboxylase mode of action. For weed resistance management Spalding Quiz 200 EC Herbicide is a Group A Herbicide. Some naturally occurring weed biotypes resistant to Spalding Quiz 200 EC Herbicide and other Group A Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate
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the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Spalding Quiz 200 EC Herbicide or other Group A Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Spalding Holdings Pty Ltd accepts no liability for any losses that may result from failure of Spalding Quiz 200 EC Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier consultant, Spalding Holdings Pty Ltd representative, local Department of Agriculture or Primary Industries.

Precautions:	<p><b>Re-Entry</b>            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.</p>
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Protections:	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b>            DO NOT plant cereal crops into the treated area for a period of 18 weeks after application of Spalding Quiz 200 EC 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.</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>
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Storage and Disposal:	<p>DO NOT store tank-mixes of Spalding Quiz 200 EC 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.</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><b>Refillable Containers:</b>            Store in 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.</p>
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Safety Directions:	Harmful if inhaled or swallowed. May irritate the nose and throat. Will irritate the skin. May irritate the eyes. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container and mixing and loading and preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If applying by spraying equipment carried on the back of the user, wear cotton overalls, over normal clothing, buttoned to the neck and wrist. 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.g.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If swallowed, do NOT induce vomiting. If in eyes wash out immediately with water.
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First Aid Warnings:	
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## DIRECTIONS FOR USE

### 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 & sub-clover pastures Cucumbers* Faba beans Field peas Honey dew melons* Lentils Lucerne Lupins Medic pasture Mung beans Navy beans Onions Potatoes Pumpkins* Radish Tomatoes Vetch	Annual Ryegrass ( <i>Lolium rigidum</i> ), Brome Grasses ( <i>Bromus spp.</i> )	3 leaf to early tillering	150mL or 190mL	14 days	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
				9 weeks	--	
				11 weeks	4 weeks	
Barley grass ( <i>Hordeum spp.</i> ), Volunteer Barley, Volunteer Wheat		3 leaf to early tillering	125mL	10 weeks	--	Apply when weeds are actively growing*.
				14 days	--	
				12 weeks	4 weeks	
Wild Oats, ( <i>Avena spp.</i> )		3 leaf to mid tillering	65mL or 125mL	9 weeks	4 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*.
				12 weeks	4 weeks	
				-	4 weeks	
				6 weeks	4 weeks	
				-	14 days	
				12 weeks	4 weeks	
				12 weeks	4 weeks	
				18 weeks	--	
				10 weeks	--	
				9 weeks	--	
				21 days	--	
				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 Spalding Quiz 200 EC Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

**BOOM SPRAYING: SUMMER GROWING WEEDS: All States**

Crops	Weeds Controlled	Weeds Stage	Rate /ha	Withholding Period		Critical Comments
				Harvest	Grazing	
Beetroot Cabbage Cauliflower Carrots Cucumbers* Green beans Honey dew melons* Lucerne Mung beans Navy beans Onions Peanuts Potatoes Pineapples Pumpkins* Radish Soybeans Sunflower Tomatoes	Awnless Barnyard Grass ( <i>Echinochloa colona</i> ), Barnyard Grass ( <i>Echinochloa crusgalli</i> )	3 leaf to early tillering	250mL or 375mL	14 days 9 weeks 14 weeks 10 weeks 14 days 5 weeks 9 weeks - 12 weeks 12 weeks 18 weeks 11 weeks 10 weeks 7 days 9 weeks 21 days 12 weeks 9 weeks 4 weeks	-- -- -- -- -- 4 weeks -- 4 weeks 4 weeks 4 weeks 11 weeks -- -- -- -- 11 weeks --	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
	Couch grass ( <i>Cynodon dactylon</i> )	2 – 4 leaf seedling	250mL	- 12 weeks 12 weeks 18 weeks 11 weeks 10 weeks 7 days 9 weeks 21 days 12 weeks 9 weeks 4 weeks	4 weeks 4 weeks 4 weeks -- 11 weeks -- -- -- 11 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*.
	Dinebra ( <i>Dinebra retroflexa</i> )	3 leaf to early tillering	125mL or 190mL	9 weeks 21 days 12 weeks 9 weeks 4 weeks	-- -- -- -- 11 weeks	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
	Crowsfoot grass ( <i>Eleusine indica</i> )	2 leaf to early tillering	250mL	4 weeks	--	Apply when weeds are actively growing*.
	Foxtail Millet ( <i>Setaria italica</i> )	2 leaf to early tillering	125mL or 250mL	11 weeks	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
	Columbus grass ( <i>Sorghum x alnum</i> ) Johnson grass ( <i>Sorghum halepense</i> ) Liverseed grass ( <i>Urochloa panicoides</i> )	2 leaf to 3 tiller	250mL or 375mL	4 weeks	--	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering*.
	Rhodes grass ( <i>Chloris gayana</i> ), Stink grass ( <i>Eragrostis ciliaris</i> )	3 leaf to early tillering	125mL or 250mL	11 weeks	--	Apply when weeds are actively growing*.
	Queensland Blue grass ( <i>Dichanthium sericeum</i> )	3 leaf to early tillering	250mL	11 weeks	--	Apply when weeds are actively growing*.
	Summer grass ( <i>Digitaria ciliaris</i> )	3 leaf to early tillering	250mL or 500mL	11 weeks	--	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 Spalding Quiz 200 EC Herbicide 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 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 Soy beans Sunflowers Tomatoes Vetch	Awnless Barnyard Grass ( <i>Echinochloa colona</i> ), Crowsfoot grass ( <i>Eleusine indica</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. Thoroughly wet target weeds (especially well established clumps) without causing runoff. Repeat spraying may be necessary for perennial grass species.	
				9 weeks	--		
				14 days	--		
				11 weeks	4 weeks		
				10 weeks	--		
	Paspalum ( <i>Paspalum dilatatum</i> )	Seedling to Established Clumps		12 weeks	4 weeks		
				--	14 days		
				14 days	--		
				12 weeks	4 weeks		
				9 weeks	4 weeks		
	Johnson grass ( <i>Sorghum halepense</i> )	Seedling 2 leaf to early tillering		--	--		
				5 weeks	4 weeks		
				9 weeks	--		
				12 weeks	4 weeks		
				--	4 weeks		
	Rhizome 2 leaf to early tillering	Kikuyu ( <i>Pennisetum clandestinum</i> )		6 weeks	4 weeks	Always add a surfactant/wetting agent at the recommended rate – see section on 'Use of Surfactant/Wetting agent' for details.	
				--	4 weeks		
				12 weeks	4 weeks		
				--	4 weeks		
				12 weeks	4 weeks		
				--	4 weeks		
				12 weeks	4 weeks		
				--	4 weeks		
				18 weeks	--		
				11 weeks	--		
				7 days	--		
				10 weeks	--		
				9 weeks	--		
				21 days	--		
				12 weeks	4 weeks		
				9 weeks	11 weeks		
				4 weeks	--		
				12 weeks	4 weeks		

\*IMPORTANT: DO NOT apply Spalding Quiz 200 EC Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.