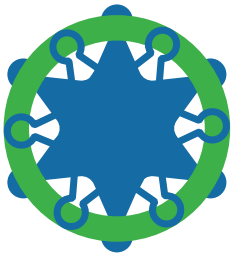


CAUTION

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



Quinstar® 200 SC

Herbicide

ACTIVE CONSTITUENT:

200 g/L QUINCLORAC

GROUP

HERBICIDE

For the post-emergence control of Summer Grass and White Clover as well as the suppression of Kikuyu Grass in turf as per Directions for Use.

Formulation type
Suspension
Concentrate

SC



ADAMA

adama.com

CONTENTS: ?????

DIRECTIONS FOR USE RESTRAINTS

Clippings from the first three mowings should be left on the treated area.
DO NOT apply into any ornamental bed.
DO NOT apply when weeds are not actively growing.
DO NOT apply if heavy rain is expected within 48 hours, or within 8 hours prior to irrigation.
DO NOT apply this product through any type of irrigation system.
DO NOT apply to golf course collars or greens.
DO NOT apply within 4 weeks after seedling emergence of Kentucky Bluegrass, Creeping Bentgrass and Perennial Ryegrass.

SITUATION	WEEDS CONTROLLED	RATE/ha	CRITICAL COMMENTS	
Established turf of: Green Couch (<i>Cynodon dactylon</i>) Hybrid Couch (<i>Cynodon dactylon</i> x <i>Cynodon transvaalensis</i>) Japanese Lawngrass (<i>Zoysia japonica</i>) Marine Couch (<i>Sporobolus virginicus</i>)	Summer Grass (<i>Digitaria</i> spp.)	4.1 L/400 L	One application: Weeds at cotyledon stage up to and prior to second tiller OR weeds at 5 tillers and greater. Two applications: 21 to 28 days apart: Weeds from 2 to 4 tillers. The addition of a crop oil adjuvant (preferably a methylated seed oil) may improve weed control in unfavourable weather conditions.	
Perennial Ryegrass (<i>Lolium perenne</i>) Bentgrass (<i>Agrostis stolonifera</i>) Kentucky Bluegrass (<i>Poa pratensis</i>)	Kikuyu Grass (<i>Pennisetum clandestinum</i>) [Suppression only]			
See also 'Protection of crops, native and other non-target plants' section.	White Clover (<i>Trifolium repens</i>)			For kikuyu suppression, apply twice 14 to 21 days apart. Best results are gained from Autumn applications. The addition of a crop oil adjuvant (preferably a methylated seed oil) may improve weed control in unfavourable weather conditions.
				Apply to actively growing weeds.

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

GENERAL INSTRUCTIONS

QUINSTAR 200 SC HERBICIDE will provide post-emergence control of summer grass and white clover in turf. Quinclorac is rapidly absorbed through the foliage and translocated throughout the plant. Death of sensitive weeds usually occurs between 1 and 2 weeks after treatment. Kikuyu grass can be suppressed by applying two post-emergence treatments.

Best results will be achieved if kikuyu grass is treated in Autumn.

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.

The addition of a crop oil adjuvant (preferably a methylated seed oil) may improve weed control in unfavourable weather conditions.

Note: Add the required quantity of QUINSTAR 200 SC directly to the tank water, DO NOT mix with water through a filter basket. DO NOT make a slurry or paste prior to adding to the tank. Maintain agitation at all times - from mixing to spraying (including spraying times).

APPLICATION

Apply QUINSTAR 200 SC to actively growing weeds at the growth stage indicated in the Directions for Use table. Apply the product in 400 L of water per hectare. DO NOT apply through any type of irrigation system. Avoid overlaps during application.

Separate applications should be made if all target weeds are not at the correct growth stage for treatment at the same time. It is recommended not to mow 2 days before or after applying QUINSTAR 200 SC to maximize weed control and minimize turf injury.

Refer to the Restraints listed above in the Directions for Use table for further application advice.

COMPATIBILITY

QUINSTAR 200 SC is compatible with DSMA and trinexapac-ethyl.

Resistance Warning

QUINSTAR 200 SC HERBICIDE is a member of the Carboxylic acid group

GROUP		HERBICIDE
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of herbicides and has the Disruptors of Plant Cell Growth mode of action. For weed resistance management this product is a Group I Herbicide. Some naturally occurring weed biotypes resistant to QUINSTAR 200 SC and other disruptors of plant cell growth 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. The resistant weeds will not be controlled by QUINSTAR 200 SC or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Adama Australia accepts no liability for any losses that may result from the failure of QUINSTAR 200 SC to control resistant weeds.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands, pastures or native vegetation. Quinclorac has properties and characteristics associated with chemicals detected in groundwater. The use of this product where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DO NOT apply to Bahia grass (*Paspalum notatum*), Centipedegrass (*Eremochloa ophiuroides*), Buffalo grass (*Stenotaphrum secundatum*), Kikuyu grass (*Pennisetum clandestinum*), Queensland Blue Couch (*Digitaria didactyla*), Carpetgrass (*Axonopus* spp.), or lawns or turf where desirable clovers are present.

DO NOT apply to ornamental beds or to exposed feeder roots of trees and ornamentals. Be particularly careful within the drip line of these plants.

DO NOT apply to golf course collars or greens. Clippings from the first three mowings should be left on the treated area.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed, 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 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.

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

SAFETY DIRECTIONS

Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for QUINSTAR 200 SC is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE

The use of QUINSTAR 200 SC Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia regarding its suitability, fitness or efficiency for any purposes for which it is used by the buyer, whether in accordance with the Directions for Use or not. Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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