

ATTACHMENT 1

Quinclorac Use Restrictions

1. The buffer zones in the table below shall apply to Quinclorac herbicide applications:

Herbicide Treatment Options	Application Equipment	Buffer Zones	
		When winds are blowing in the direction of incorporated towns or commercial plantings of the solanaceae family.	When winds are NOT blowing in the direction of incorporated towns or commercial plantings ¹ of the solanaceae family.
a. Water diluted spray of Quinclorac herbicide tank-mixed with emulsifiable concentrate (EC) formulation herbicides such as: ·Stam M-4 EC ·Arrosolo 3+3 EC ·Propanil EC ·Ordram 8E ·Abolish 8E ·Bolero EC	Aircraft Spray Wind Speed 3 to 8 mph	4 miles	1 mile
	Ground Spray Wind Speed 3 to 8 mph	1 mile	1/2 mile
b. Water diluted spray of Quinclorac herbicide applied in water alone or tank-mixed with emulsifiable concentrate formulation free herbicides such as: ·Stam 80EDF ·Basagran ·Terra Propanil 80DF ·Blazer ·Wham EZ, Super Wham ·Storm ·Pentagon 60 WDG ·Londax	Aircraft Spray Wind Speed 3 to 8 mph	1 mile	1 mile
	Ground Spray Wind Speed 3 to 8 mph	1/2 mile	1/2 mile

- Exemption: In areas where cities have annexed blocks of agricultural land, water diluted sprays of Quinclorac may be used within or adjacent to the city limits, provided the application site is no closer than 1/2 mile to subdivisions when using ground equipment or 1 mile to subdivisions when using aircraft and no closer than 1/4 mile to established plants of the solanaceae family or established/emerged cotton.
- No water diluted spray of Quinclorac herbicide shall be applied closer than 1/4 mile by any means to established/emerged cotton, noncommercial plantings of the solanaceae family, or closer than 1/2 mile by aircraft if the wind is blowing in the direction of such plants.
- No water diluted spray of Quinclorac herbicide shall be applied closer than 1 mile by aircraft or 1/2 mile by ground equipment to

established, certified commercial plantings of the solanaceae family (>1,000 plants each kind) statewide.

4. In addition to the above statewide requirements, the following additional restrictions shall apply to Poinsett County.
 - a. No water diluted spray of Quinclorac herbicide shall be applied in an area from one mile west of Highway #1 to one mile east of Highway #163 from the Craighead-Poinsett County line to the Cross-Poinsett County line.
 - b. Water diluted spray of Quinclorac herbicide shall be applied only by ground equipment in the area of Poinsett County from one mile west of Highway #1 to two miles west of Highway #1 and only by ground equipment in the area of Poinsett County from one mile east of Highway #163 to Ditch #10, from the Craighead-Poinsett County line to the Cross-Poinsett County line.
 - c. No water diluted spray of Quinclorac herbicide shall be applied within 1/2 mile with ground equipment or 1 mile by aircraft of commercial plantings of the solanaceae family and towns. This buffer is extended to one mile for ground application and two miles for aerial application when Quinclorac herbicide is mixed with emulsifiable concentrate formulation herbicides.
5. The buffer zones defined in paragraph one (1) (b) shall apply to tank mixes of water diluted sprays of Quinclorac and EC products for which the EC manufacturer has provided the Plant Board with atomization study data from a research entity acceptable to the Plant Board that shows that the product does not produce more “fines” (percent of total spray volume in droplets <105µm) than water.
6. All applications of Quinclorac shall be made in accordance with the applicable drift minimization recommendations of the Spray Drift Task Force.
7. Both air and ground application equipment shall be set up for application of Quinclorac in such a way that generation of spray droplets less than 105 microns in size is less than 5% of the total volume. The spray nozzle size classification must be designated as “coarse” by the British Crop Protection Council.
8. Quinclorac may not be sold to persons that do not possess a current Private, Commercial or Non-Commercial Applicator’s License.