

73220-15

10/02/2007

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U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

73220-15

Date of Issuance:

OCT - 2 2007

Term of Issuance: Unconditional

Name of Pesticide Product:

Quali-Pro Quinclorac 75

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

FarmSaver.com, LLC
4515 Falls of Neuse Rd, Suite 300
Raleigh, NC 27609

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA section 3(c)(7)(A) provided you agree in writing to:

1. Change the EPA Registration Number from 73220- to 73220-15.
2. Add an appropriate EPA Establishment Number to the label.
3. Revise "HUMANDS" to "HUMANS" under the PRECAUTIONARY STATEMENTS header.

Signature of Approving Official:

James Tompkins, Product Manager (25)
Herbicide Branch, Registration Division (7505P)

Date:

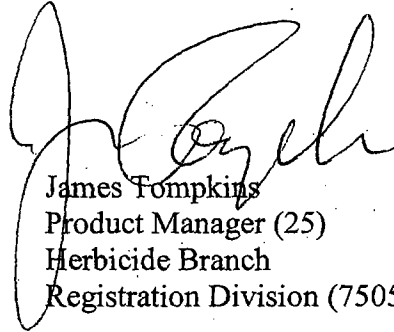
10-2-07

4. Revise "Remove clothing immediately if pesticide gets inside" to "Remove clothing/PPE immediately if pesticide gets inside" in the section USER SAFETY RECOMMENDATIONS.
5. Add the restriction "Do not apply to fine fescue unless it is part of a seed blend" on page 3 in the section GENERAL RESTRICTIONS AND LIMITATIONS.
6. Revise "Irrigate the treated turfgrass with ½ inch of water 2 to 7 days after application if no rainfall is received within that period" to "Irrigate the treated turfgrass with *at least* ½ inch of water 2 to 7 days after application if no rainfall is received within that period" on page 4 in the section APPLICATION INFORMATION.
7. On page 5, revise the statement "Except where noted above, do not mix Quali-Pro Quinclorac 75 with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers due to the potential for physical incompatibility, reduced weed control, or turf injury" to "Quali-Pro Quinclorac 75 tank mixes with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers (except where noted above) have the potential for physical incompatibility, reduced weed control, or turf injury."
8. On page 5 revise the statement "Quali-Pro Quinclorac 75 does not interfere with turfgrass seed germination and growth of those grass types identified as" to "Quali-Pro Quinclorac 75 will not significantly interfere with turfgrass seed germination and growth of those grass types identified as"
9. On page 6, in the Seeding, Overseeding, and Sprigging Timing Chart, revise the statement "Apply Quali-Pro Quinclorac 75 at an application rate of 0.367 oz/1000 sq ft to all other turfgrass species listed in this Table" under footnote 1 to "Apply Quali-Pro Quinclorac 75 at an application rate of 0.367 oz/1000 sq ft to all turfgrass species listed in this Table except for seashore paspalum"
10. On page 6 in the Seeding, Overseeding, and Sprigging Timing Chart, move the statement "Time applications around the seedling operations using the above table as a reference point" from footnote 4 to footnote 1.
11. On page 7, in the section Compatibility Test for Tank Mixtures, revise "Adjust the rates if other spray volumes are planned. Use water from the intended source" to "Adjust the volume accordingly if other spray volumes are planned. Use water from the intended source at the source temperature."
12. On page 8, add the statement "Check sprayer routinely to determine proper calibration" in the section Spraying Instructions for Quali-Pro Quinclorac 75.
13. On page 8, revise the statement "Check that the spray tank is agitated during the application" to "Make sure the spray tank is continuously agitated during the application."
14. Add "flat" before "fan" in the statement "The use of fan, flood, or cone....." on page 8.
15. On page 8, revise the statement "Avoid overlaps as these lead to using more product than allowed on the label" to "Avoid overlaps as these lead to applying higher rates than allowed"
16. On page 8, revise the statement "Apply at the rate of 1 gallon per 1000 sq. ft. to ensure thorough, uniform spray coverage" to "Apply in at least 1 gallon spray mix per 1000 sq. ft. to ensure thorough, uniform spray coverage."
17. On page 10, in footnote 4, add the word "biotypes" after "crabgrasses"

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The basic formulation CSF [dated 9/27/2007] of the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable. The basic CSF will be added to your file.

You will submit one (1) copy of your final printed labeling incorporating the above changes before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records. If you have any questions, please contact Hope Johnson at 703-305-5410.



James Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505P)

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Quali-Pro[®] Quinclorac 75

ACTIVE INGREDIENT:

Quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid.....75.0%

OTHER INGREDIENTS:25.0%

TOTAL:100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by the poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact PROSAR (800) 308-5391 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

EPA Reg. No. 73220-

EPA Est. No.

Manufactured for:

FarmSaver.com, LLC
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609

ACCEPTED
with COMMENTS
in EPA Letter Dated
OCT - 2 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

Net Weight:

73220-15

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, clothing, or eyes. Avoid breathing dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as butyl rubber \geq 14 mils, or natural rubber \geq 14 mils, or neoprene rubber \geq 14 mils, or nitrile rubber \geq 14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds and streams. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water by cleaning of equipment or disposal of rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use only by certified commercial applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

Follow all applicable directions, restrictions and precautions. This label must be in the possession of the user at time of application.

DO NOT apply this product by air or through any type of irrigation equipment.

FarmSaver.com, LLC does not recommend or authorize the use of this product in manufacturing, processing, or preparing custom blends with other products for application to turf.

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DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, and water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene, and/or barrier laminate)
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Professional applications to residential and nonresidential turf are not within the scope of the Worker Protection Standard.

DO NOT enter or allow others to enter the treated area until sprays have dried.

GENERAL INFORMATION

Used as a postemergence spray, Quali-Pro Quinclorac 75 controls many broadleaf and grass weeds in turfgrasses growing in sites including, but not limited to, grounds or lawns around residential and commercial establishments, multi-family dwellings, military and other institutions, parks, airports, roadsides, schools, picnic grounds, athletic fields, houses of worship, cemeteries, golf courses and sod farms.

The weed foliage and roots absorb Quali-Pro Quinclorac 75 and translocates it throughout the weed. Treated weeds will show signs of leaf and stem curling or twisting, stunting, change color from green to white (chlorosis), finally to red, and become necrotic before finally dying. Refer to the tables below for information on **WEEDS CONTROLLED** and **TOLERANT TURFGRASS SPECIES**.

General Restrictions and Limitations

- **DO NOT** apply more than 2 pounds of Quali-Pro Quinclorac 75 per acre per year (equivalent to 0.73 oz. per 1000 sq. ft. per year or 1.5 lbs. a.i. per acre per year).
- **DO NOT** apply to golf course collars or greens.
- **DO NOT** make applications of Quali-Pro Quinclorac 75 to turfgrass under stress from drought. Optimum results are obtained if weeds are not under stress from lack of water, excessive water, low fertility, mowing shock, excessive hot or cold temperatures, or injury from other herbicide applications.
- **DO NOT** apply to Bahiagrass, carpetgrass, St. Augustinegrass, Centipedegrass, dichondra, or lawns or turf where desirable clovers are present.

- **DO NOT** apply within 4 weeks after seedling emergence of Kentucky bluegrass, creeping bentgrass, fine fescue blends and perennial ryegrass.
- **DO NOT** apply to exposed feeder roots of trees or ornamentals. Be particularly careful within the drip line of trees and other ornamental species.
- **DO NOT** apply into any ornamental bed.
- **DO NOT** use clippings as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.
- **DO NOT** plant eggplants or tobacco within 12 months on fields treated with Quali-Pro Quinclorac 75.
- **DO NOT** plant tomatoes or carrots within 24 months on fields treated with Quali-Pro Quinclorac 75.
- **DO NOT** apply when conditions favor drift from target area. Apply when wind speed is less than 10 mph as drift may cause damage or death of nontarget area vegetation.
- Use a lawn-type sprayer with coarse spray to reduce drift from wind.
- Avoid spray mist from contacting vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants, especially plants belonging to the *Solanaceae* family (tomatoes, eggplants, and bell peppers). **DO NOT** pour spray solutions near these plants.
- **DO NOT** use to formulate or reformulate any other pesticide product which is not registered by EPA.

APPLICATION INFORMATION

Use broadcast or spot sprays to apply Quali-Pro Quinclorac 75 postemergence to actively growing weeds. The use rates and tolerant turfgrasses are listed in the tables below. **DO NOT** apply more than the labeled rates. Follow all use restrictions listed above under **General Restrictions and Limitations**.

Mowing: **DO NOT MOW 2 DAYS BEFORE OR AFTER APPLYING** Quali-Pro Quinclorac 75. This practice will maximize weed control and minimize potential turf injury. **Leave clippings from the first three mowings on the treated area.**

Irrigation and Rainfall: If soil is dry before a Quali-Pro Quinclorac 75 application, irrigation of the turfgrass may improve weed control. For best results, **DO NOT** water or irrigate for 24 hours after a Quali-Pro Quinclorac 75 application. Irrigate the treated turfgrass with ½ inch of water 2 to 7 days after application if no rainfall is received within that period.

TOLERANT TURFGRASS SPECIES (ESTABLISHED)

Highly Tolerant	Moderately Tolerant	Susceptible
Bermudagrass, Common*	Bentgrass Creeping*	Bahiagrass
Bluegrass, Annual	Bermudagrass, Hybrid*	Bentgrass, Colonial
Bluegrass, Kentucky	Bluegrass, Rough (<i>Poa trivialis</i>)	Bentgrass, Seaside
Buffalograss	Fescue, Chewing's	Centipedegrass
Fescue, Tall	Fescue, Fine**	Dichondra
Ryegrass, Annual	Fescue, Hard	St. Augustinegrass
Ryegrass, Perennial	Fescue, Red	
Zoysiagrass	Paspalum, Seashore	

* To reduce yellowing on these species, add chelated iron or sprayable soluble nitrogen fertilizers (refer to the **ADJUVANTS** section below).

** Apply Quali-Pro Quinclorac 75 herbicide to fine fescue only when it is part of a blend. **DO NOT** use on golf course greens and collars. See additional information for fine fescue in blends under the section on **SEEDING, OVERSEEDING, AND SPRIGGING**.

ADJUVANTS

To achieve consistent weed control, include an adjuvant in the spray solutions with Quali-Pro Quinclorac 75. Applied in combination with Quali-Pro Quinclorac 75, adjuvants may cause slight turfgrass leaf burn. However, new growth will resume, and turf vigor is not reduced. To prevent leaf burn and turfgrass damage, apply Quali-Pro Quinclorac 75 when relative humidity and temperatures are high. Keep the mowing heights higher to avoid turf stress and the possibility of turf injury. Some turfgrass species will be

less affected by leaf burn or yellowing if a chelated iron or sprayable soluble nitrogen fertilizer is added to the Quali-Pro Quinclorac 75 tank solution.

The preferred adjuvant is methylated seed oil (MSO). DyneAmic® Lesco Spreader Sticker®, LI-700®, Surf King® Spreader, Target Pro® Spreader or Thoroughbred® may also be used, but under some environmental conditions, phytotoxicity or less than optimal efficacy may be observed.

Before selecting a methylated seed oil to use with Quali-Pro Quinclorac 75, be sure that the MSO is:

- nonphytotoxic
- contains only EPA-exempt ingredients
- provides good mixing quality in the **Compatibility Test for Tank Mixtures** (below)
- been successful under local experience
- contains emulsifiers to provide good mixing quality.

DO NOT include additives when tank mixing with emulsifiable concentrate (EC) products as this may cause phytotoxicity. Consult your local FarmSaver.com, LLC representative or distributor for instructions for your area.

TURFGRASS TANK MIXES WITH QUALI-PRO QUINCLORAC 75

Before using other products in combination with Quali-Pro Quinclorac 75, read and follow the **Restrictions and Limitations and Directions for Use** on all products' labels. Follow the most restrictive label. Consult tolerant turfgrass species on all labels. Do not tank mix with Quali-Pro Quinclorac 75 if all target weeds are not at the correct growth stage for treatment at the same time—in that case, make separate applications of the herbicides.

The spectrum of control of broadleaf weed species can be increased with Quali-Pro Quinclorac 75 in a tank mix with **2,4-D**, triclopyr, **MCPA**, **MCP**, **Three Way®**, **Trimec®**, or other broadleaf herbicides.

Extended residual control of annual grasses is achieved with Quali-Pro Quinclorac 75 in a tank mix with pendimethalin or **PRE-M® herbicides**.

Applications of Quali-Pro Quinclorac 75 in a tank mix with **Basagran® SG**, **Basagran T/O**, **Lescogran® herbicides**, or **Image® 70 DG herbicide**, or MSMA can control sedge.

Some grassy weeds such as Bahiagrass or kikuyugrass are controlled by Quali-Pro Quinclorac 75 and MSMA tank mixes.

Except where noted above, do not mix Quali-Pro Quinclorac 75 with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers due to the potential for physical incompatibility, reduced weed control, or turf injury.

Before preparing a tank mix of Quali-Pro Quinclorac 75 with another product, perform the test **Compatibility Test for Tank Mixtures**.

SEEDING, OVERSEEDING AND SPRIGGING

Quali-Pro Quinclorac 75 does not interfere with turfgrass seed germination and growth of those grass types identified as tolerant or moderately tolerant in the **WEEDS CONTROLLED** table if applied before or after seeding or overseeding a turf area.

Because different bermudagrass seeds may have different germination characteristics, check the germination vigor of your seeded hybrid bermudagrass before using Quali-Pro Quinclorac 75 before, at seeding, and 7 days after seeding.

Additional information on the timing of Quali-Pro Quinclorac 75 applications in seeding, overseeding or sprigging situations is found in the table below.

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SEEDING, OVERSEEDING AND SPRIGGING TIMING CHART (SEE FOOTNOTE 1)					
TURFGRASS VARIETY	Before Seeding ²	At Seeding	7 Days After Emergence	14 Days After Emergence	28 Days After Emergence
Annual Bluegrass	√	√	√	√	√
Annual Ryegrass	√	√	√	√	√
Buffalograss	√	√	√	√	√
³ Common Bermudagrass (for sprigging see footnote 3)	√	√	√	√	√
Creeping Bentgrass	√	NO	NO	NO	√
Fine Fescue (in blend)	√	NO	NO	NO	√
³ Hybrid Bermudagrass (for sprigging see footnote 3)	√	√	√	√	√
Kentucky Bluegrass	√	NO	NO	NO	√
Perennial Ryegrass	√	√	NO	NO	√
^{3,4} Seashore Paspalum (for sprigging see footnote 3)	NO	NO	NO	√	√
Tall Fescue	√	√	√	√	√
³ Zoysiagrass (for sprigging see footnote 3)	√	√	√	√	√

¹ Note: √ = acceptable timing for Quali-Pro Quinclorac 75 applications. Do not use an adjuvant or additive when Quali-Pro Quinclorac 75 herbicide applications are made on newly emerged turf seedlings until 28 days after emergence (except in the case of seashore paspalum). Apply Quali-Pro Quinclorac 75 at an application rate of 0.367 oz/1000 sq ft to all other turfgrass species listed in this Table.

² Apply Quali-Pro Quinclorac 75 seven days or more before seeding.

³ Use Quali-Pro Quinclorac 75 at anytime prior to, at, or after sprigging as indicated by turfgrass species in this table.

⁴ Make applications of 0.18 oz to 0.367 oz Quali-Pro Quinclorac 75 per 1000 sq ft at the times indicated in this table. Time applications around the seeding operations using the above table as a reference point.

DIRECTIONS FOR MIXING QUALI-PRO QUINCLORAC 75

Follow the directions below to mix Quali-Pro Quinclorac 75 either alone or with tank mix partners. Directions are provided for ground application equipment and for backpack sprayers.

Before mixing Quali-Pro Quinclorac 75 with other products, conduct a compatibility test to determine if the spray solution is stable. Follow the directions in the section **Compatibility Test for Tank Mixtures**, below.

If tank mixing with products in water-soluble pouches, allow pouches to dissolve before agitation.

Ground Driven Sprayer:

1. Use only spray tanks that have been cleaned prior to use.
2. Add ½ to ¾ the amount of required water to the spray tank.
- 3A. **For Quali-Pro Quinclorac 75 alone:**
 - Make a premix (1 part Quali-Pro Quinclorac 75 + 2 parts water) or slowly add Quali-Pro Quinclorac 75 to the partially filled tank.
 - Begin agitation until completely dispersed.
 - Add the remaining amount of water to the tank and agitate to ensure a uniform distribution.
 - Continue agitation until spraying is completed. If the spray solution is allowed to settle, re-agitate thoroughly to resuspend the mixture and then continue spray operations.
- 3B. **For Quali-Pro Quinclorac 75 and Wettable Powder Formulations (WP):**
 - Slowly add the required amount of Quali-Pro Quinclorac 75 to the partially filled tank.

- Begin agitation until completely dispersed.
 - Make a slurry of the WP (1 part WP + 2 parts water) then add to the spray tank and agitate.
 - Add the remaining amount of water to the tank and agitate to ensure a uniform distribution.
 - Continue agitation until spraying is completed. If the spray solution is allowed to settle, re-agitate thoroughly to resuspend the mixture and then continue spray operations.
- 3C. **For Quali-Pro Quinclorac 75 and Flowable Formulations (F):**
- Slowly add the required amount of Quali-Pro Quinclorac 75 to the partially filled tank.
 - Begin agitation until completely dispersed.
 - Make a slurry of the F formulation (1 part F + 2 parts water) then add to the spray tank and agitate.
 - Add the remaining amount of water to the tank and agitate to ensure a uniform distribution.
 - Continue agitation until spraying is completed. If the spray solution is allowed to settle, re-agitate thoroughly to resuspend the mixture and then continue spray operations.
- 3D. **For Quali-Pro Quinclorac 75 and Emulsifiable Concentrate Formulations (EC):**
- Slowly add the required amount of Quali-Pro Quinclorac 75 to the partially filled tank.
 - Begin agitation until completely dispersed.
 - Make a pre-mix of the EC (1 part EC + 2 parts water) then add to the spray tank and agitate.
 - Add the remaining amount of water to the tank and agitate to ensure a uniform distribution.
 - Continue agitation until spraying is completed. If the spray solution is allowed to settle, re-agitate thoroughly to resuspend the mixture and then continue spray operations.
- 3E. **For Quali-Pro Quinclorac 75 and Dry Flowable (Water Dispersible Granule) Formulations (WDG):**
- Slowly add the required amount of Quali-Pro Quinclorac 75 to the partially filled tank.
 - Begin agitation until completely dispersed.
 - Make a pre-mix of the WDG (1 part WDG + 2 parts water) then add to the spray tank and agitate.
 - Add the remaining amount of water to the tank and agitate to ensure a uniform distribution.
 - Continue agitation until spraying is completed. If the spray solution is allowed to settle, re-agitate thoroughly to resuspend the mixture and then continue spray operations.

Backpack Sprayer:

1. Use only spray tanks that have been cleaned from previous uses.
2. Add 1/2 the amount of required water to the spray tank.
3. Add the required amount of Quali-Pro Quinclorac 75 to the partially filled tank.
4. Replace the cap and agitate to completely mix the contents.
5. **Liquid Fertilizers:** add the desired amount of fertilizer product.
6. Remove the cap and add the remaining amount of water to the tank. Replace the cap and agitate to ensure a uniform distribution.
7. During the spray operation, re-agitate the mixture occasionally to ensure that the product does not settle out. If the spray solution is allowed to settle, re-agitate thoroughly to resuspend the mixture and then continue spray operations.

Liquid Fertilizers: When mixing with liquid fertilizers, perform a simple jar test with small quantities of tank mix components to ensure compatibility. Add the required amount of Quali-Pro Quinclorac 75 to a half-filled tank while agitating then add the fertilizer product. Complete filling spray tank to desired level.

Compatibility Test for Tank Mixtures

Carry out this test using a one-quart jar. Add the ingredients in the order listed below. To calculate the amount to add to a one quart jar using the following guidelines:

- For dry products applied at 1 lb per acre, add 2 teaspoons to a one-quart jar.
 - For liquid products applied at 1 pint per acre, add 1 teaspoon to a one-quart jar.
1. **Water:** For a spray volume of 20 gallons per acre, add 3.3 cups (800 ml) of water. Adjust the rates if other spray volumes are planned. Use water from the intended source.

2. **Water-soluble packages:** Slit one of the bags just wide enough for a teaspoon to remove the sample. If compatible, use the opened bag first when preparing a tank mix solution. Boron-containing fertilizers can be incompatible with water-soluble bags. Include water-soluble bags if a boron fertilizer is intended to be used. Cap the jar and invert 10 times.
3. **Water-Dispersible (WG) Products:** (such as dry flowables (DF) including Quali-Pro Quinclorac 75, wettable powders (WP), suspension concentrates (SC), or suspoemulsions). Cap the jar and invert 10 times.
4. **Water-soluble products (such as Basagran® T/O herbicide):** Cap the jar and invert 10 times.
5. **Emulsifiable concentrates** or methylated seed oil. Cap the jar and invert 10 times.
6. **Water-soluble additives:** Cap the jar and invert 10 times.

Let the test mixture stand for 15 minutes and then evaluate for uniformity and stability. If the mixture in the jar forms crystals, flakes, sludge, gels, oily films or layers, the components are NOT compatible. WG or WP products may result in a fine precipitate that is easily resuspended which is normal. However, if large non-dispersible particles (>300 microns) precipitate on standing, this indicates that the tank mix is not compatible. **DO NOT** use any spray solution that could clog spray nozzles.

Spraying Instructions for Quali-Pro Quinclorac 75

Make applications of Quali-Pro Quinclorac 75 with properly calibrated ground equipment. Apply in a minimum of 20 gallons of water per acre (or a minimum of 0.5 gallons per 1000 sq. ft.) at pressures between 20 and 40 psi to provide uniform spray distribution.

Check that the spray tank is agitated during the application. Use nozzle screens which are no finer than 50 mesh (100 mesh is finer than 50 mesh). The use of fan, flood or cone nozzles is permitted, and arrange the nozzles to provide a thorough, uniform coverage of turfgrass and weeds. Adjust the boom height, nozzle selection, and pressure to provide uniform coverage and to minimize spray drift.

Avoid overlaps as these lead to using more product than allowed by the label.

Do not apply if weather conditions favor drift from treated areas.

Spot Applications: Use 0.367 ounces Quali-Pro Quinclorac 75 per 1,000 square feet of treated area for postemergence spot applications to susceptible weeds in tolerant turfgrass. Apply at the rate of 1 gallon per 1000 sq ft. to ensure thorough, uniform spray coverage.

Apply Quali-Pro Quinclorac 75 to newly germinated 1-2 leaf crabgrass, to 1-tiller crabgrass and when crabgrass has matured to 5 tillers or greater. In some situations, applications of Quali-Pro Quinclorac 75 made to annual grasses 2-4 tiller may not provide complete control. In such cases, apply Quali-Pro Quinclorac 75 as a sequential application for grass control.

Use the table below for use rates and mixing directions.

SPOT APPLICATIONS WITH QUALI-PRO QUINCLORAC 75		
Spray Mix Volume (gallons)	Amount of Quali-Pro Quinclorac 75 Product in Tablespoons	Amount of MSO Adjuvant in Tablespoons
1	1	2
2	2	4
3	3	6

Spray Equipment Cleaning Procedure

Use a strong detergent or commercial sprayer cleaner according to the manufacturer's directions to clean the application equipment thoroughly before and after applying this product.

APPLICATION RATES

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Refer to the **WEEDS CONTROLLED** table for the grasses and broadleaf weeds controlled by Quali-Pro Quinclorac 75 and for other weed-specific use directions.

Broadcast Applications:

- Apply 1 lb. Quali-Pro Quinclorac 75 per acre (equivalent to 0.367 oz per 1000 sq ft or 0.75 lb. a.i./acre)

Spot Applications:

- Apply 0.367 oz of Quali-Pro Quinclorac 75 per 1000 sq ft of treated area. Refer to footnotes in the WEEDS CONTROLLED table and directions for application to creeping Bentgrass.

Additives:

- Apply 1.5 pints of methylated seed oil per acre (0.55 oz per 1000 sq ft) with Quali-Pro Quinclorac 75 applications.

Creeping Bentgrass:

- Make 2 to 3 split applications of Quali-Pro Quinclorac 75 at 0.123 to 0.245 oz. per 1000 sq. ft. Do not exceed 2 lbs. of Quali-Pro Quinclorac 75 per acre per season (equivalent to 1.5 lb a.i./A). The application(s) should be made at 21-day intervals.
- Include methylated seed oil at 0.55 oz. per 1000 sq. ft. (1.5 pints per acre). To reduce yellowing on creeping bentgrass, add chelated iron or sprayable soluble nitrogen fertilizers (refer to the **ADJUVANTS** section). **DO NOT** use on golf course greens and collars. See additional information for creeping bentgrass under the section on **SEEDING, OVERSEEDING, AND SPRIGGING.**

WEEDS CONTROLLED

Grasses Controlled:	
Common Name	(Scientific Name)
	Barnyardgrass (<i>Echinochloa crusgalli</i>)
^{1,4}	Crabgrass, Large (<i>Digitaria sanguinalis</i>)
^{1,4}	Crabgrass, Smooth (<i>Digitaria ischaemum</i>)
¹	Foxtail, Giant (<i>Setari faberi</i>)
¹	Foxtail, Green (<i>Setari viridis</i>)
¹	Foxtail, Yellow (<i>Setari glauca</i>)
^{2,3}	Kikuyugrass (<i>Pennisetum clandestinum</i>)
¹	Signalgrass, Broadleaf (<i>Brachiaria platyphylla</i>)
³	Torpedograss (<i>Panicum repens</i>)
Broadleaf Weeds Controlled	

Common Names (Scientific Name)

- Bindweed, Field (*Convolvulus arvensis*)
- Clover, Hop (*Trifolium aureum* Pollich)
- Clover, Red (*Trifolium pretense*)
- Clover, White (*Trifolium repens*)
- ^{2,5} Daisy, English (*Bellis perenne*)
- ² Dandelion, Common (*Taraxacum officinale*)
- Dollarweed (*Hydrocotyle umbellata*)
- Geranium, Carolina (*Geranium carolinium*)
- Medic, Black (*Medicago lupulina*)
- Morningglory spp. (*Ipomea* sp.)
- Speedwell, Common (*Veronica officinalis*)
- Speedwell, Slender (*Veronica filiformis*)
- Speedwell, Thymeleaf (*Veronica serpyllifolia*)
- Violet, Wild (*Viola* sp.)

¹ Complete control may not be achieved under certain conditions when Quali-Pro Quinclorac 75 is applied to annual grasses at 2 – 4 tiller stage. In these cases, make a sequential application for grass control. For best results, apply Quali-Pro Quinclorac 75 + methylated seed oil either before the second tiller stage or as the weed grasses mature.

² For these weeds, the use of a tank mix partner or sequential application will be required.

³ For these weeds, apply 0.245 oz of Quali-Pro Quinclorac 75 per 1,000 sq ft as 3 sequential applications at 14 – 21 day intervals.

⁴ In California, some large and smooth crabgrasses have shown varied responses to Quali-Pro Quinclorac 75. If failure to control this weed occurs following a full or split application, **DO NOT** reapply Quali-Pro Quinclorac 75. Instead, use a herbicide with a different mode of action.

⁵ **DO NOT USE** to control this weed in California.

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STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry and well ventilated area. **DO NOT** store under wet conditions.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND WARRANTY

Upon purchase or use of this product, purchaser and user agree to the following terms:

Warranty: FarmSaver.com, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. To the extent consistent with applicable law, the Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose. No such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

Terms of Sale: The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. All such risks are assumed by the user.

Limitation of Liability: To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income, and any such claims are hereby waived. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

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