



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 28, 2021

Haley Wade
Regulatory Specialist
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Registration Review Label Mitigation for Ethephon
Label Amendment – Marketing language revision; Removal of non-agricultural
use requirements; Other label changes
Product Name: QUALI-PRO® ETHEPHON 2 SL
EPA Registration Number: 53883-314
Application Date: March 25, 2019; August 27, 2021
Decision Numbers: 558296; 578720

Dear Ms. Wade:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Interim Decision, and has concluded that your submission is acceptable. The agency also completed review of your amended label referred to above, submitted in connection with registration under FIFRA, as amended, and has determined the label is also acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Lindsay DeMers via email at demers.lindsay@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a hand-drawn oval.

Kable Bo Davis
Senior Environmental Specialist
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

QUALI-PRO[®] ETHEPHON 2 SL

For Commercial Or Agricultural Use Only. Not For Residential Use.

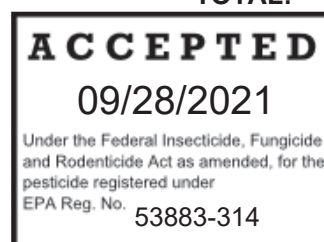
For The Removal Of Dwarf Mistletoe In Ornamental Conifers And Leafy Mistletoe In Ornamental Deciduous Trees; For The Elimination Of Undesirable Fruit On Apple, Crabapple, Carob And Olive Trees; And For Retarding The Growth Of Golf Course Turfgrasses.

Note to Label Editor; the text below found within the [] is optional marketing text:
[Contains ethephon, the active ingredient used in Proxy[®]. Quali-Pro Ethephon 2 SL is not manufactured or distributed by Bayer Environmental Science.]

ACTIVE INGREDIENT:	% BY WT.
Ethephon [(2-chloroethyl)-phosphonic acid]*	21.7%
OTHER INGREDIENTS:	78.3%
TOTAL:	100.0%

*Contains 2 pounds ethephon per gallon

Manufactured for:
Control Solutions Inc.
5903 Genoa-Red Bluff Rd.
Pasadena, Texas 77507-1041



EPA Reg. No. 53883-314

EPA Est. No. [REDACTED]

Net Contents: _____ Gallons

KEEP OUT OF REACH OF CHILDREN DANGER-PELIGRO

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

[For additional precautionary, handling, and use statements, see inside of this booklet.]

FIRST AID	
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 ON SKIN OR CLOTHING:	<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 SWALLOWED:	<ul style="list-style-type: none">Immediately call a poison control center or doctor for treatment advice.DO NOT induce vomiting unless told to do so by a poison control center or doctor.Have person sip a glass of water if able to swallow.DO NOT give anything by mouth to an unconscious person.
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 mouth-to-mouth if possible.Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall [®] International at (866) 897-8050 for emergency medical treatment information.	

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. No specific antidote is available. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. Victims of severe overexposure by inhalation should be kept under medical observation for up to 72 hours for delayed onset of pulmonary edema. In a victim of overexposure by ingestion, careful gastric lavage is required due to the possibility of stomach or esophageal perforation. This material is an acid, but the use of alkaline substances to neutralize it is contraindicated.

PRECAUTIONARY STATEMENTS

DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive: Causes irreversible eye damage. Wear safety goggles when handling. Harmful if swallowed or absorbed through skin. **DO NOT** get in eyes or on clothing. Avoid contact with skin. **DO NOT** inhale vapors, as this product will irritate mucous membranes.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirts and short pants OR long-sleeved shirts and long pants.
- Chemical-resistant gloves made of any waterproof material such as nitrile rubber \geq 14 mils, butyl rubber \geq 14 mils, neoprene rubber \geq 14 mils and/or barrier laminate.
- Chemical-resistant footwear plus socks.
- Protective eyewear.
- Chemical-resistant headgear for overhead exposure.
- Chemical-resistant apron when mixing, loading, or cleaning equipment.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft 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. Wash contaminated clothing before reuse.
- 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

DO NOT contaminate water used for irrigation or domestic purposes. **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 when disposing of equipment wash waters. Avoid spray drift to nearby crops, as this product will cause modifications in plant growth. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Plant injury or reduced yields may result. **DO NOT** plant another crop within 30 days after treatment.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

DIRECTIONS FOR USE

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

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 regulations. Read the entire label before using this product.

DO NOT apply Quali-Pro Ethephon 2 SL through any type of irrigation system.

DO NOT use this product for purposes other than those listed on the label.

DO NOT exceed the rate of Quali-Pro Ethephon 2 SL per acre per year directed/specified on this label.

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), notification to workers, and restricted-entry intervals. 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 48 hours. The REI is 72 hours in areas where average rainfall is less than 25 inches per year.

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, or water is: Coveralls over long-sleeved shirt and long pants, Chemical-resistant gloves such as any waterproof gloves, Chemical-resistant footwear plus socks, and Protective eyewear. For overhead exposure, Chemical-resistant headgear is also required.

Notify workers of the application by warning them orally and by posting warning signs at entrance to treated areas.

SPRAY DRIFT

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a fine to medium or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicator must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a fine to medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size- Ground Boom

- Volume- Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle -Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size- Aircraft

- Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

Boom-less Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

BOOM HEIGHT- Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT- Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

PRODUCT INFORMATION

Quali-Pro Ethephon 2 SL removes dwarf mistletoe from ORNAMENTAL CONIFERS and leafy mistletoe from ORNAMENTAL DECIDUOUS TREES. Quali-Pro Ethephon 2 SL eliminates undesirable fruit from APPLE, CRABAPPLE, CAROB, and OLIVE TREES. When used on golf course turfgrasses, Quali-Pro Ethephon 2 SL retards grass growth to reduce mowing frequency.

For local recommendations on rates, spray volumes (gallons of water per acre), and spray equipment under varying temperature and rainfall conditions, consult your Extension Pomologist, Horticultural Specialist, or Farm Advisor for his/her experience with this product in your area.

When an adjuvant is to be used with this product, Control Solutions, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

APPLICATION VOLUMES AND SPRAY COVERAGE

Thorough spray coverage is essential to achieve maximum product effectiveness. Spray coverage is affected by choice of equipment, nozzle selection, spray boom setup as well as spray pressure, plant size, and canopy density. For both air and ground applications, it is important to choose an equipment setup that will assure thorough coverage of plant canopy (foliage and fruit). The actual spray volume required will vary with the size and density of the plant canopy and the equipment used. In California and Arizona, use a volume of no less than 5 gallons per acre for aerial applications.

USE RESTRICTIONS

- Use is permitted on golf course turf only. **DO NOT** use on residential turf or lawns, institutional turf, parks, recreational fields or sod farms.
- Use on golf courses is limited to tees, greens and fairways only.
- **DO NOT** contaminate water used for irrigation or domestic purposes.
- **DO NOT** allow spray to drift to nearby crops, as this product will cause modifications in plant growth. Plant injury or reduced yields could result.
- **DO NOT** plant another crop within 30 days after treatment.
- **DO NOT** apply Quali-Pro Ethephon 2 SL through any type of irrigation system.
- **DO NOT** use this product for purposes other than those listed on the label.
- **DO NOT** apply more than 3.4 lbs. of ethephon a.i./A per application.
- **DO NOT** apply more frequently than every 14 days.
- East of the Mississippi River: **DO NOT** apply more than 13.6 lbs of ethephon a.i./A per year on turf.
- West of the Mississippi River: **DO NOT** apply more than 20.4 lbs. of ethephon a.i./A per year on turf.
- **DO NOT MIX QUALI-PRO ETHEPHON 2 SL WITH AMMONIUM THIOSULFATE. SUCH TANK MIXTURES MAY RESULT IN FORMATION OF TOXIC FUMES.**
- **DO NOT** allow mixed solution to stand overnight. Mix only the amount of spray you expect to use each day.
- **DO NOT** use Quali-Pro Ethephon 2 SL with additives other than listed on this label.
- **DO NOT** allow concentrated product to remain on spray equipment or airplane parts. Immediately rinse any spills with plenty of water, as Quali-Pro Ethephon 2 SL is corrosive.

EQUIPMENT CLEANING

Because of the acidic nature of this product, prolonged exposure to spray deposits will damage acrylic plastics, certain paints, and metals. Rinse thoroughly all exposed acrylic-plastic materials and painted surfaces with a detergent and water within one hour after exposure to spray deposits.

MISTLETOE REMOVAL

Quali-Pro Ethephon 2 SL will remove dwarf mistletoe shoots in ornamental conifers and leafy mistletoe from ornamental deciduous trees.

SITES	AMOUNT	SPECIFIC DIRECTIONS	APPLICATION INFORMATION
DWARF MISTLETOE On Ornamental Conifers	2.0 pints/ 20 gallons (0.5 lbs a.i./ 20 gallons)	Apply as a foliar spray to dwarf mistletoe shoots before mistletoe seed dispersal. If mistletoe regrowth occurs, re-treat before seed dispersal. For effective removal, all mistletoe shoots must be sprayed to wet.	Applications made in conjunction with silvicultural mistletoe management will prevent spread of the mistletoe parasite to other parts of the tree and other trees. Mature needle drop that normally occurs in the fall may be hastened by the use of Quali-Pro Ethephon 2 SL. Applications of higher rates on Douglas fir may result in excessive needle drop.
On Ornamental Douglas Firs	1.0 pint/ 20 gallons (0.25 lbs. a.i./ 20 gallons)	Use of a non-ionic surfactant at directed/specified rates may increase effectiveness.	
LEAFY MISTLETOE On Ornamental Deciduous Trees	2.0 quarts/ 20 gallons (1.0 lbs. a.i./ 20 gallons)	Make foliar applications after fall leaf drop through mid-winter. If mistletoe regrowth occurs, re-treat before mid-winter. For effective removal, all mistletoe shoots must be sprayed to wet. Use of a non-ionic surfactant at directed/specified rates may increase effectiveness.	Large mistletoe infections and mistletoe found in mesquite may be difficult to control with a single application and re-treatment may be necessary.

RESTRICTIONS:

- **DO NOT** apply more than 0.05 lb ai/gal in a single application.
- Minimum reentry interval: 48 hours

**UNDESIRABLE FRUIT ELIMINATION
(For Use Only on Ornamentals)**

Quali-Pro Ethephon 2 SL will reduce or eliminate undesirable fruit development on apple, crabapple, carob, and olive trees.

SITES	AMOUNT	SPECIFIC DIRECTIONS	APPLICATION INFORMATION
APPLES, CRABAPPLES	8.0-12.0 fl. oz. per 20 gallons (0.1248 – 0.1872 lbs a.i./ 20 gallons)	Apply as a foliar spray at the flower bud to full bloom stage, prior to fruit set. Wet foliage thoroughly. Excess application of Quali-Pro Ethephon 2 SL can result in excessive leaf drop and/or tree defoliation. Use higher rates when temperatures are cool.	Make applications before fruit set. Some leaf drop or temporary leaf yellowing may occur after treatment.
CAROB (<i>Ceratonia siliqua</i>)	6.0 fl. oz. per 20 gallons (0.0936 lbs a.i./ 20 gallons)		
OLIVE* (<i>Olea europaea</i>)	12.0 fl. oz. per 20 gallons (0.1872 lbs a.i./ 20 gallons)		

*This recommendation is not intended to be used on commercial fruit production as a thinning agent.

RESTRICTIONS:

- **DO NOT** treat weak trees or trees under stress (drought, insect, or disease damaged trees), as excessive leaf drop or twig drop can result.
- **DO NOT** use on small red fruited varieties of crabapple, as fruit elimination will not be satisfactory.
- **DO NOT** apply more than 0.009 lb ai/gal in a single application.
- Minimum reentry interval: 48 hours

TURF

Quali-Pro Ethephon 2 SL is a plant growth regulator that may be used to suppress the formation of seedheads of various plants including *Poa annua* and white clover. It may also be used to suppress the growth of certain cool season grasses. Quali-Pro Ethephon 2 SL is foliarly absorbed and is most effective on actively growing healthy turf. For best results, apply in sufficient volume of water to provide uniform coverage. Use of spreader/sticker with an application of Quali-Pro Ethephon 2 SL is not necessary. Quali-Pro Ethephon 2 SL is rainfast within 2 hours. **DO NOT** allow entry into treated area until Quali-Pro Ethephon 2 SL has dried. For maximum performance, delay mowing until the day after application.

RESTRICTIONS:

- **DO NOT** treat turfgrass with poor root systems or growing under stress due to poor soil conditions, drought, disease, or insect damage.
- **DO NOT** use Quali-Pro Ethephon 2 SL in areas where excessive thatch has accumulated.
- **DO NOT** exceed a maximum of 30 fl. oz. (0.468 lbs. a.i.) of Quali-Pro Ethephon 2 SL per 1000 sq. ft. per year.
- **DO NOT** mix with ammonium thiosulfate. This tank mix may result in the formation of toxic fumes.
- Use is permitted on golf course turf only. **DO NOT** use on residential turf or lawns, institutional for use on turf, parks, recreational fields, or sod farms.
- Use on golf courses is limited to tees, greens, and fairways only.
- **DO NOT** apply more than 0.09 lb ai/1000 ft² in a single application.
- **DO NOT** apply more than 0.47 lb ai/1000 ft² per season.
- Minimum reentry interval: 48 hours

- East of the Mississippi River: **DO NOT** apply more than 13.6 lbs of ethephon a.i./A per year on turf.
- West of the Mississippi River: **DO NOT** apply more than 20.4 lbs of ethephon a.i./A per year on turf.

PRECAUTIONS:

- Scalping may occur on creeping bentgrass cultivars after more than 2 applications of Quali-Pro Ethephon 2 SL for *Poa* seedhead suppression.
- Quali-Pro Ethephon 2 SL has been used successfully on many bentgrass cultivars. Tolerance testing must be done in new cultivars before extensive use.

Seedhead Suppression: Foliar application of Quali-Pro Ethephon 2 SL will provide suppression of *Poa annua* and white clover seedheads. Make the initial application prior to the emergence of new seedheads. A period of 2-3 weeks after application is required for maximum performance. Repeat applications may be made to predominately *Poa annua* or white clover sites as needed, but not less than two weeks after the previous application.

APPLICATION	SITES	RATE	SPRAY VOLUME
Poa annua and White Clover Seedhead Suppression	Golf course turf including Greens*, Tees*, Fairways, and Roughs	5 fl. oz./1000 ft ² (0.078 lbs. a.i./1000 ft ²)	1.0-2.0 gal/1000 ft ² (2 – 4 lbs. a.i./1000 ft ²)
Reapplication interval: 2 weeks or greater for all labeled grasses	Commercial Turfgrasses including Bentgrass, Kentucky Bluegrass, Perennial Ryegrass, Tall and Fine Fescue, and Bermudagrass*		

Tank Mixture With Products Containing The Active Ingredient Trinexapac-Ethyl: Tank mixtures of Quali-Pro Ethephon 2 SL at 5 oz./1000 sq. ft. and trinexapac-ethyl-containing products at 0.125 or 0.25 oz./1000 sq. ft. can be used to promote seedhead suppression as well as turfgrass quality. Multiple applications of the tank mix combination may be needed. The number of applications must not exceed labeled rates or timings for either product applied once. Follow the recommendation on each product label for the most restrictive application interval for each turfgrass. Application of this tank mixture during frost periods may cause temporary turf discoloration.

It is the pesticide user’s responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Growth Suppression: An application of Quali-Pro Ethephon 2 SL slows the growth of turfgrasses, thus reducing the required frequency of mowing and the volume of clippings collected. For best turfgrass growth regulation, apply Quali-Pro Ethephon 2 SL when daytime air temperatures are 65°F and rising. Quali-Pro Ethephon 2 SL must only be applied once turfgrass mowing heights have been established for the season. Avoid multiple applications of Quali-Pro Ethephon 2 SL in areas where excessive thatch has accumulated.

APPLICATION	SITES	RATE	SPRAY VOLUME
Turfgrass Growth Regulation Reapplication intervals: <ul style="list-style-type: none"> ▪ Kentucky Bluegrass-7 weeks ▪ Perennial Ryegrass- 7 weeks ▪ Tall/Fine Fescue-4 weeks ▪ Bentgrass-4 weeks 	Golf course turf including Greens*, Tees*, Fairways, and Roughs Commercial Turfgrasses Including Bentgrass, Kentucky Bluegrass, Perennial Ryegrass, Tall and Fine Fescue	5 fl. oz/1000 ft ² (0.078 lbs. a.i./1000 ft ²)	1.0-2.0 gal/1000 ft. ² (2 – 4 lbs. a.i./1000 ft ²)

NOTE: Since Quali-Pro Ethephon 2 SL is an acidic product, prolonged exposure to spray deposits will damage acrylic plastics, certain paints, and metals. Thoroughly rinse all exposed acrylic-plastic materials and painted surfaces with a detergent and water within one hour after exposure to spray deposits.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place and away from food, feed and other pesticides. **IF SPILLED:** If container is broken or contents have spilled, follow all precautions indicated above and clean up immediately. Before cleaning up, put on full-length trousers, long-sleeved shirt, protective gloves and goggles or face shield. Soak up spill with absorbent media such as sand, earth or other suitable material and dispose of waste at an approved waste disposal facility.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

Nonrefillable Container (five gallons or less): Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration.

Nonrefillable Container (greater than five gallons): Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration.

Refillable Container: Refillable container. Refill this container with ethephon only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in

contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.

Proxy is a registered trademark of the Bayer Group.
Primo MAXX is a trademark of Syngenta Crop Protection.
Quali-Pro and T-NEX are registered trademarks.