



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg. Number:

69876-1

Date of Issuance:

SEP 19 2002

NOTICE OF PESTICIDE:

  X   Registration  
       Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Qwel (CTI 13-19B)  
Liquid Concentrate

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. Donald Meyer  
Camas Technologies, Inc.  
P.O. Box 1357  
Broomfield, CO 80038-1357

**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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that:

- 1. You will submit the data listed below, conducted in accordance with the 40 CFR Part 158 test guidelines referred to below:

<u>Guideline Reference Number</u>	<u>Study Title</u>	<u>Date Due</u>
82.3 (870.3250)	90-day dermal study (rabbit)	March 31, 2004
82-4 (870.3465)	90-day inhalation study (rat)	March 31, 2004
83-3 (870.3700)	Development study (rabbit)	March 31, 2004
84-2	Mutagenicity studies*	March 31, 2004

Signature of Approving Official:

*Mary L. Waller*  
Mary L. Waller, PM (21)

Date:

9/18/02

\*Gene mutation in bacteria (Ames: 870.5265) and mammalian cells (870.5300) and an *in vivo* cytogenetics assay (870.5380, .5385, or .5395)

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2. If necessary, you will submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

3. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the product is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. This information should be submitted to:

U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504C)  
Document Processing Desk (RSB)  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460-0001

4. Make the following labeling change before you release the product for shipment: Add the phrase "EPA Registration No. 69876-1".

5. Submit one copy of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

enclosure

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

SEP 19 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
69876-1

DRAFT LABEL TEXT

I. Front Panel Information

**QWEL™ (CTI 13-19B) LIQUID CONCENTRATE**  
Ornamental Plant Fungicide For Use in Enclosed Commercial Greenhouses

(% by weight)

Active Ingredient: Macleaya extract....1.5%  
Inert Ingredients:.....98.5%  
Total:.....100.0%  
(Contains 0.125 lb of active ingredient per gallon)

This product contains methanol.  
KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

& CROSSBONES symbol  
POISON

SKULL

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.)

Read entire label and use in accordance with precautionary statements, directions and applicable regulations.

FIRST AID

If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

**NOTE:** Have the product container or label with you when calling a poison control center or doctor, or when going for treatment.

**NOTE TO PHYSICIAN**  
Probable mucosal damage may contraindicate the use of gastric lavage.

**USER SAFETY RECOMMENDATIONS:** Wash hands before drinking liquids, chewing gum, using tobacco or using the toilet.

**PRECAUTIONARY STATEMENTS:**

**See side panel for precautionary statements.**

**MANUFACTURED BY:** CAMAS Technologies, Inc.  
P.O. Box 1357  
Broomfield, CO 80038-1357

**EPA REG. NO.:** 69876-R

**ESTABLISHMENT NO.:** 69876-CO-001

**NET CONTENTS:** 1 gallon (128 fl. oz.)

**NET CONTENTS:** 1 quart (32 fl. oz.)

**NET CONTENTS:** 1 pint (16 fl. oz.)

## II. Side Panel Information

### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with the skin. Methanol may cause blindness.

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and handlers must wear long-sleeved shirt and long pants, shoes and socks. Applicators and handlers must use protective eyewear and wear chemical-resistant gloves made of any waterproof material. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this liquid concentrate. Wash contaminated clothing before reuse. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Store and wash PPE separately from other laundry.

**User Safety Recommendations:** Users should wash hands before eating, drinking, using tobacco or chewing gum or using the toilet. Remove clothing immediately if soaked with pesticide, wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

**III. Side Panel Information**

**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 registration.

<b>AGRICULTURAL USE REQUIREMENTS</b>
<p>Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS) 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 personnel 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</p> <p><b>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</b></p> <p>PPE required for early re-entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated such as plants is:</p> <ul style="list-style-type: none"> <li>• coveralls over long-sleeved shirt and long pants</li> <li>• protective eyewear</li> <li>• chemical-resistant gloves made of any waterproof material</li> <li>• shoes with socks</li> </ul>

- coveralls over long-sleeved shirt and long pants
- protective eyewear
- chemical-resistant gloves made of any waterproof material
- shoes with socks

- Apply this product only as a spray mist to control the indicated powdery mildews and leafspots on ornamental plants in a commercial greenhouse.
- Do not apply product through any type of irrigation equipment.

**GENERAL USE INFORMATION**

**QWEL (CTI 13-19B)-LC** ornamental fungicide is a liquid concentrate containing botanical extracts of *Macleaya spp.* and is recommended for the control of certain fungal diseases of nursery annual, perennial and herbaceous ornamental plants grown in greenhouses. Best results are achieved when diluted according to directions and applied to plants as a foliar spray at the first sign of the disease. If disease is severe or reappears, the plants should be re-treated. See use and rate recommendations for applications and intervals for retreating.

Best results are achieved when used in a treatment program following the recommended rates and application directions.

**CAREFULLY READ, UNDERSTAND AND FOLLOW ALL LABEL DIRECTIONS.**

**FOR ORNAMENTAL PLANTS:**

**QWEL (CTI 13-19B)-LC** ornamental fungicide is recommended for the control of certain diseases of annual, perennial and herbaceous ornamental plants in commercial greenhouses when applied as a foliar spray.

**DISEASES CONTROLLED**

Powdery Mildews

**Fungi**

Sphaerotheca pannosa,  
Erysiphe spp., Oidium spp., Podosphaera spp.,  
Microsphaera

Leafspot

Alternaria, Septoria

**ORNAMENTAL PLANTS FOR WHICH QWEL (CTI 13-19B)-LC IS RECOMMENDED.** The following plants may be affected by the diseases and pest species listed above.

Ageratum						Ajuga
						Alyssum
						Arborvitae
						Aster
						Carnation
Coleus		Columbine	Cyclamen	Daisy		Dahlia
	Delphinium					
Euonymus	Ficus	Geranium	Hollyhock	Hydrangia		Impatiens
Lilac	Lily	Pansy	Petunia	Philodendron	Phlox	
Poinsettia	Rhododendron	Rose	Snapdragon	Statice	Strawflower	Verbena
Willow	Zinnia					

**PLANT TOLERANCE:**

Neither the manufacturer nor the seller has determined whether or not **QWEL (CTI 13-19B)-LC** can be used safely on all species of ornamental plants. Before any large scale application, user should determine the safety of **QWEL (CTI 13-19B)-LC**. We recommend a small preliminary application trial to determine plant tolerance. Observe treated plants for foliage burn, stunting, staining or discoloration.

**MIXING INSTRUCTIONS:** Fill the sprayer tank with the required amount of water and add the recommended quantity of **QWEL (CTI 13-19B)-LC**. Agitate to mix thoroughly. Apply as a foliar spray with backpack or high pressure sprayer.

**GENERAL USE PRECAUTIONS:**

- **FOR PREPARATION USE WATER OF pH<7.5 WITH CARBONATE CONTENT <200 PPM (CaCO<sub>3</sub> or <240 PPM H<sub>2</sub>CO<sub>3</sub>).**
- **DO NOT ADD ANY TYPE OF ADJUVANT, SURFACTANT OR BUFFER WHEN PREPARING QWEL (CTI 13-19B)-LC FOR APPLICATION.**
- **SOME ROSE CULTIVARS MAY BE SUBJECT TO SLIGHT STAINING OR DISCOLORATION OF THE BLOOMS OR STEMS.**

**APPLICATION RATE RECOMMENDATIONS:**

**For light infections:** Use 3 fl. oz. in 10 gallons of water and apply as foliar spray to 2000 sq.ft. to wet all foliage. For roses and large plants, apply 10 gallons to 1250-1500 sq.ft.

**For heavy infections:** Use 4 to 5 fl. oz. in 10 gallons of water and apply as foliar spray to 2000 sq. ft. to wet all foliage. For roses and large plants, apply 10 gallons to 1250-1500 sq.ft.



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**Reapplication:**

Apply foliar sprays at 8-10 day intervals as needed. Use higher rates under heavy disease pressure. Lower rates may be used for subsequent applications and for preventive sprays.

**STORAGE AND DISPOSAL:**

Do not contaminate water, food or feed by storage and disposal.

**Pesticide Storage:**

Store in cool, dry place. Store in original container. Keep tightly closed. Do not reuse empty container.

**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 our State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA regional office for guidance.

**Container Disposal:**

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

**IMPORTANT NOTICE:**

**Warranty:** The directions and recommendations on this label are derived from research to ensure correct product usage. The Manufacturer and Seller warrant that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to use of this product contrary to label instructions or under conditions not reasonably foreseeable to seller, and buyer and user assume all risk for such use. Camas Technologies, Inc. is not responsible for losses or damage resulting from the use of QWEL (CTI 13-19B)-LC in any manner not specifically recommended on the label.

**Inherent risks of use:** It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as use of high carbonate water, or the addition of adjuvants, surfactants or buffers when preparing QWEL (CTI 13-19B)-LC for application or the inadequate testing, or failure to test for plant tolerance, etc.), manner of application or other factors, all of which are beyond the control of the Manufacturer or Seller. All such risks shall be assumed by the Buyer.