



# LIQUID BORON 10%

## AMINE BORATE SOLUTION FOR THE CORRECTION OF BORON DEFICIENCY IN CROPS

### GUARANTEED ANALYSIS

Boron (B) ..... 10.00%

Derived from boric acid.

One gallon of TRACITE® LIQUID BORON 10% contains 1.1 lbs. of actual Boron

KEEP OUT OF REACH OF CHILDREN

### WARNING

Harmful if swallowed  
Harmful in contact with skin  
Causes serious eye irritation  
Causes skin irritation  
Harmful if inhaled



WT. PER GAL: 11.10 lbs. (5.03 kg)

SN 0315/0916G

NET CONTENTS: 2.5 gal (9.46 L)

Information about the components of this lot of fertilizer may be obtained by writing to Helena Chemical Company, 225 Schilling Boulevard, Suite 300, Collierville, TN 38017, and giving the lot number which is found on the container.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

F224

MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TN 38017  
901-761-0050

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### WARNING

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Causes skin irritation. Harmful if inhaled. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

**Personal Protective Equipment (PPE):** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

#### FIRST AID

##### IF IN EYES:

- Rinse cautiously with water for several minutes.
- Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a poison control center or doctor for treatment advice.

##### IF SWALLOWED:

- Call a POISON CENTER or doctor immediately.
- Rinse mouth. Do NOT induce vomiting.
- Do not give anything by mouth to an unconscious person.
- Immediately call a POISON CENTER or doctor.

##### IF INHALED:

- Move person to fresh air and keep at rest in a position comfortable for breathing if they feel unwell.
- If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a POISON CENTER or doctor for treatment advice.

##### IF ON SKIN OR HAIR:

- Take off immediately all contaminated clothing. Rinse skin with water or shower.
- Get medical attention if irritation develops or persists.
- Wash contaminated clothing before reuse.

#### 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 1-800-424-9300 for emergency medical treatment information.

#### STORAGE AND DISPOSAL

Keep container tightly closed. Do not allow water to be introduced to the contents of this container. Do not contaminate water sources by cleaning of equipment or disposal of spray waste.

**STORAGE:** Store in a cool place out of direct sunlight. **DO NOT FREEZE.** Spills from broken container can be cleaned up by absorbing on clay or other suitable absorbent.

#### GENERAL INFORMATION

Foliar fertilization is intended as a supplement to a regular fertilization program and will not, by itself, provide all the nutrients normally required by agricultural crops.

TRACITE® LIQUID BORON 10% is effective as a readily available source of boron for soil and foliar applications. TRACITE® LIQUID BORON 10% may be applied alone or tank mixed with compatible pesticides or fertilizers, including liquid nitrogen solutions for the correction of boron deficiency.

**WARNING:** Over application of products containing boron, or use on crops not listed on this label or in a manner inconsistent with local agricultural authority recommendations may result in serious crop injury.

#### GENERAL APPLICATION RECOMMENDATIONS

TRACITE® LIQUID BORON 10% may be applied by air, ground or through irrigation systems. Use enough water for thorough uniform coverage of foliage or soil.

**If TRACITE® LIQUID BORON 10% is to be tank mixed, a "jar test" is recommended to insure compatibility.**

**MIXING:** In any mixing operation, TRACITE® LIQUID BORON 10% should be introduced in the following sequence:

1. Water
2. TRACITE® LIQUID BORON 10%
3. Other Fertilizers or Pesticides

In mixtures where a compatibility agent is suggested, a product such as BUFFER P.S. is recommended. Local climatic conditions, infestations, and other factors affect the performance of any insecticide, fungicide and nutritional spray. Therefore for specific use, consult your local Helena Chemical Company representative or your local agricultural extension agent.

Always follow all directions and precautions on pesticide labels prior to mixing with TRACITE® LIQUID BORON 10%.

**AIR APPLICATION:** Use at a rate of 1 quart per 5 gallons of water per acre per application.

**DRIP APPLICATION:** Apply the required amount of this product throughout the growing season with applications 1-2 weeks apart.

#### CROP USES

Rates and timing of boron applications are dependent on local conditions and should always be made as a result of soil and/or plant tissue analysis and in conjunction with your local agricultural authority. For **Foliar Applications**, apply in sufficient water for thorough coverage. For best results, apply this product in early morning or late evening. Multiple foliar applications at low rates during the growing season may be most effective because boron does not easily translocate within the plant. For **Soil Applications**, apply in liquid fertilizer or water sufficient to give complete coverage. Soil applied boron must be moved into the root zone in order to gain absorption into the plant. This may be facilitated by irrigation, rainfall, or tillage.

The following table is a guide for the use of TRACITE® LIQUID BORON 10% as a plant nutrient. Rates and frequency of application will depend on individual management programs. Use of TRACITE® LIQUID BORON 10% on any crops not listed on this table must be as a result of recommendations from your local agricultural authority.

RECOMMENDED CROPS <sup>(1)</sup>	FOLIAR APPLICATION RATE <sup>(2)</sup>	SOIL APPLICATION RATE <sup>(2)</sup>
<b>TREE, VINE AND FRUIT CROPS</b>		
Apples <sup>(1)</sup> , Apricots, Avocados, Olives, Pistachios, Strawberries <sup>(1)</sup>	1 to 2 quarts	1 to 3 gallons
Almonds, Filberts	½ to 1-½ quarts	1 to 2 gallons
Cranberries <sup>(1)</sup> , Grapes, Melons <sup>(1)</sup> , Walnuts	2 to 5 quarts	1 to 2 gallons
Cherries <sup>(1)</sup> , Citrus, Peaches, Pears, Plums <sup>(1)</sup> , Prunes	2 to 4 quarts	1 to 2 gallons
<b>FIELD CROPS</b>		
Alfalfa <sup>(1)</sup>	2 to 4 quarts	1 to 3 gallons
Beets (Sugar) <sup>(1)</sup>	2 to 4 quarts	1 to 3 gallons
Canola <sup>(1)</sup> , Cotton, Flax, Mint	1 to 2 quarts	½ to 1 gallon

**Disclaimer:** Always refer to the label on the product before using Helena or any other product.

Clover <sup>(1)</sup>	2 to 3 quarts	1 to 2 gallons
Corn	1 to 2 quarts	1 to 2 gallons
Peanuts, Hops	1 to 2 quarts	½ to 1 gallon
Soybeans, Sugarcane	1 to 2 quarts	1 to 1-½ gallons
Sunflowers <sup>(1)</sup> , Wheat	1 to 2 quarts	½ to 1 gallon
<b>VEGETABLE CROPS</b>		
Asparagus <sup>(1)</sup>	1 to 2 quarts	1 to 2 gallons
Beets <sup>(1)</sup> , Carrots <sup>(1)</sup> , Cucumbers, Lettuce <sup>(1)</sup> , Onions, Radishes <sup>(1)</sup> , Spinach <sup>(1)</sup> , Turnips	1 to 2 quarts	1 to 2 gallons
Broccoli <sup>(1)</sup> , Cabbage <sup>(1)</sup> , Cauliflower <sup>(1)</sup>	2 to 4 quarts	1 to 3 gallons
Brussels Sprouts <sup>(1)</sup> , Celery <sup>(1)</sup>	2 to 4 quarts	1 to 2 gallons
Peppers, Potatoes, Tomatoes <sup>(1)</sup>	1 to 2 quarts	1 to 2 gallons
Beans, Lentils, Peas	1 to 2 quarts	1 to 2 gallons
<b>OTHER CROPS</b>		
Apply as early in the growing season as possible, providing there is adequate leaf coverage.		

Note <sup>(1)</sup> FOR USE IN WISCONSIN: TRACITE® LIQUID BORON 10% can be applied to these crops commonly grown in Wisconsin and requiring a medium to high level of boron.

Note <sup>(2)</sup> Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

#### **CONDITIONS OF SALE—LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

**Read the Conditions of Sale—Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

This label is believed to be reliable and must be followed carefully. Injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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