



BLACKJACK® B

2.5% Boron 4-0-0

LIQUID MICRONUTRIENT

GUARANTEED ANALYSIS

Total Nitrogen (N)	4.00%
4.00% Ammoniacal Nitrogen	
Boron (B)	2.50%

Derived From: Anhydrous Ammonia and Boric Acid

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

WARNING: This product contains Boron; application to any crops other than those recommended may result in serious injury.

GENERAL INFORMATION

BLACKJACK® B 2.5% Boron 4-0-0 is formulated for the prevention or correction of boron deficiencies in plants and may be effectively used for both foliar and soil applications. **BLACKJACK B 2.5%** is non-phytotoxic when used as directed and is compatible with most pesticides and fertilizers.

BLACKJACK B 2.5% will be influenced by differences in varieties, soil and environmental conditions and should be applied under conditions of optimum plant growth. Optimum conditions are defined as adequate humidity, moderate temperatures and adequate soil moisture. Optimum conditions for most crops generally occur early morning or late evening hours.

CAUTION: Always check compatibility with other chemicals prior to use. Avoid drift to adjacent crops and do not overlap spray patterns. Do not mix with conventional calcium fertilizers.

CAUTION: Foliar application of **BLACKJACK B 2.5%** close to harvest may leave a brown residue on the harvestable portion of the crop. Rainfall, sprinkler irrigation or high humidity should alleviate this condition.

DIRECTIONS FOR USE

BLACKJACK B 2.5% can be applied to most vegetable and cucurbit crops, field and row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados and citrus. **BLACKJACK B 2.5%** is designed for soil application and for foliar use. Apply directly to soils or inject through irrigation systems where water quality is satisfactory to maintain solubility. Foliar applications should be as a dilute spray. Application rates vary by crop or situation. Mixing with irrigation water for field storage is generally not recommended. Products blended with irrigation water should be used immediately and not stored for prolonged periods.

CONFIRM EXISTING BORON LEVELS IN PLANT TISSUE ANALYSIS PRIOR TO ANY APPLICATION.

FOLIAR APPLICATION RATES

VEGETABLES, FIELD AND ROW CROPS: Apply 1 pint to 4 quarts per acre in a minimum of 10 gallons of water per acre as a foliar spray. May be applied through center pivot irrigation systems. Repeat applications may be beneficial.

ORCHARDS & VINEYARDS, FRUIT CROPS: Apply 1 pint to 4 quarts per acre. Aerial applications use a minimum of 10 gallons of water per acre. Dilute or concentrate sprays use a minimum of 25 gallons of water per acre. Repeat applications may be beneficial.

NOTE: For all crops, the rate of water used should be sufficient for thorough coverage. Coverage is dependent on proper droplet size and pressure.

SOIL APPLICATION RATES

ALL CROPS: May be applied pre-plant, as a starter, side dress, fertigated, top dressed or banded to the soil. To apply alone, dilute with water to ensure uniform distribution. Use 1 pint to 8 quarts per acre. May be applied through all irrigation systems. Repeat applications may be beneficial.

TRANSPLANT WATER - ALL CROPS: Apply 1 to 4 quarts per acre in a minimum of 50 gallons solution.

FERTIGATION APPLICATION RATES

Drip irrigation, micro sprinklers, solid set and moving sprinklers. All crops: Use 1 to 8 quarts per acre per irrigation. Continue irrigation for a minimum of 2 hours after application to flush lines and to maximize nutrient distribution with drip and micro sprinkler.

APPLICATION THROUGH DRIP IRRIGATION - inject after irrigation filter.

MIXING INSTRUCTIONS

BLACKJACK B 2.5% disperses well in water, but for best results, mix as follows:

1. Partially fill tank with water or fertilizer and start agitation.
2. Add other nutrients or pesticides if compatible.
3. Add **BLACKJACK B 2.5%** to circulating tank mix.
4. Fill tank and agitate thoroughly.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 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 swallowed: Call a 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 or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: 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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.

STORAGE AND DISPOSAL

STORAGE: Store above 40°F (4.4°C). Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal. **DISPOSAL:** Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> locations for) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal. **HANDLING:** Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY
BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lpi.com>

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

BLACKJACK is a registered trademark of Loveland Products, Inc.

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Density: 10.20 lbs/gallon @ 68° F
Net Contents: 265 gallons (1,003.13 liters)
Net Weight: 2,703 lbs (1,226.06 kg)

Product Code:



Density: 10.20 lbs/gallon @ 68° F
Net Contents: gallons (liters)
Net Weight: lbs (kg)

Product Code: