



# BLACKJACK<sup>®</sup>

# Micro Pak

## 4-0-0

### LIQUID MICRONUTRIENT

#### GUARANTEED ANALYSIS:

Total Nitrogen (N) .....	4.00%
4.00% Ammoniacal Nitrogen	
Sulfur (S) .....	2.50%
Iron (Fe) .....	1.00%
Manganese (Mn) .....	1.00%
Zinc (Zn) .....	3.00%

Derived From: Anhydrous Ammonia, Ferrous Sulfate, Manganese Sulfate and Zinc Sulfate

FOR COMMERCIAL OR PROFESSIONAL USE ONLY  
F1548

**KEEP OUT OF REACH OF CHILDREN**



## WARNING

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



DENSITY: 11.10 LBS/GALLON @ 68° F  
NET CONTENTS: 2.5 GALLONS (9.46 LITERS)  
NET WEIGHT: 27.75 LBS (12.58 KG)

GUARANTEED BY:  
LOVELAND PRODUCTS, INC.® P.O. BOX 1286 GREELEY, CO 80632-1286

BLACKJACK\_MicroPak\_G3115

## GENERAL INFORMATION

**BLACKJACK® Micro Pak 4-0-0** is formulated for foliar and soil use. It contains zinc, iron and manganese.

**BLACKJACK Micro Pak** 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 during early morning or late evening hours.

**CAUTION:** If any other chemicals are to be used in the spray mixture be sure to check compatibility. Foliar application of **BLACKJACK Micro Pak** 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 Micro Pak** 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 Micro Pak** 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.

## FOLIAR APPLICATION RATES

**VEGETABLES, FIELD AND ROW CROPS:** Apply 1 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 to 8 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.

## SOIL APPLICATION RATES

**BLACKJACK Micro Pak** 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. Repeat applications may be beneficial.

**FIELD & ROW CROPS, VEGETABLE & FRUIT CROPS:** Apply 1 to 8 quarts per acre in a surface or sub-surface band. Repeat applications may be beneficial. **ORCHARDS & VINEYARDS:** Inject 1 to 4 gallons per acre 3 to 5 inches deep at the drip line, or surface band and water into the soil. Repeat applications may be beneficial.

## FERTIGATION APPLICATION RATES

**FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLE & FRUIT 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 microsprinkler use. Repeat applications may be beneficial.

**APPLICATION THROUGH DRIP IRRIGATION** - inject after irrigation filter.

**TRANSPLANT WATER - FIELD & ROW CROPS, ORCHARDS & VINEYARDS, VEGETABLE & FRUIT CROPS:** Use 1 to 3 gallons per acre, not to exceed a 3% solution of **BLACKJACK Micro Pak** to water.

## MIXING INSTRUCTIONS

**BLACKJACK Micro Pak** 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 Micro Pak** 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 product in dark fiberglass or plastic containers out of direct sunlight or UV light. 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. **PROTECT FROM FREEZING.** Do not contaminate water, food, or feed by storage or disposal. **DISPOSAL:** Do not reuse container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling at an ACRS site (go to <http://www.acrecycle.org/> for locations) or by 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. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste. **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.

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

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

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

BLACKJACK is a registered trademark of Loveland Products, Inc.

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