



BLACKMAX® 22



0-0-4

GUARANTEED ANALYSIS
Soluble Potash (K₂O).....4.00%

Derived From: Potassium Hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:
Humic substances derived from Leonardite22.00%
Other Ingredients.....78.00%

PURPOSE STATEMENT: May aid in micronutrient uptake.

KEEP OUT OF REACH OF CHILDREN



WARNING

May be corrosive to metals. Causes skin irritation. Causes serious eye irritation.

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Wear protective gloves. Wear eye or face protection. Keep only in original packaging. Wash thoroughly after handling. Absorb spillage to prevent material damage. Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Store in a corrosion resistant container with a resistant inner liner.

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 OR HELP WITH ANY SPILL, LEAK, FIRE OR EXPOSURE INVOLVING THIS MATERIAL, CALL DAY OR NIGHT CHEMTREC 1-800-424-9300.

GENERAL INFORMATION

BLACKMAX® 22 0-0-4 is formulated with potassium for a highly efficient fertilizer source that helps maintain nutrient solubility.

CAUTION: Do not apply with calcium based fertilizers such as CAN 17. Fertilizer solutions with a pH of 5 or less may not be compatible. Combining with liquid fertilizer solutions is more effective if done at a blending plant.

CAUTION: Foliar application of BLACKMAX 22 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

BLACKMAX 22 can be applied to most vegetable and cucurbit crops, field and row crops, deciduous fruit and nut trees, grapes, berries, olives, avocados and citrus. May be applied through center pivot irrigation systems. When mixing with AN-20, UAN or 10-34-0 dilution of BLACKMAX 22 with an equal volume of water is recommended. BLACKMAX 22 is non-phytotoxic when used as directed. 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.

Warm Season Grasses: 4.0 to 8.0 ounces per 1,000 square feet per month all season long. Make applications prior to the onset of stress periods.

Cool Season Grasses: 4.0 ounces per 1,000 square feet per month all season long. Make applications prior to the onset of stress periods.

Turf And Ornamentals: Broadcast spray or inject into irrigation at 6.0 ounces per 1,000 square feet 1 to 3 times during the season. Application is targeted at the soil but foliar contact is not detrimental. Mix with deep root injections at 1.0 gallon per 10.0 gallons of injection solution. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rains are expected. Apply this product only to your lawn/garden.

SOIL APPLICATION RATES

BLACKMAX 22 may be applied pre-plant, as a starter, side dress, fertigated, top dressed or banded to the soil. May be diluted with water to ensure uniform distribution. May be used as a pop-up or in furrow at 2.0 quarts to 4.0 gallons per acre.

Vegetables and Fruit Crops, Field and Row Crops: Use 0.5 to 10.0 gallons per acre. Repeat applications may be beneficial.

Orchards and Vineyards: Use 0.5 to 10.0 gallons per acre injected 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 and Row Crops, Orchards and Vineyards, Vegetable and Fruit Crops: Use 0.5 to 10.0 gallons 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. Repeat applications may be beneficial.

APPLICATION THROUGH DRIP IRRIGATION - INJECT AFTER IRRIGATION FILTER

Transplant Water - Field and Row Crops, Orchards and Vineyards, Vegetable and Fruit Crops: Use 1.0 to 10.0 gallons per acre, not to exceed a 3% solution of BLACKMAX 22 to water.

FOLIAR APPLICATION RATES

Field and Row Crops, Orchards and Vineyards, Vegetable and Fruit Crops: Apply 0.25 to 3.0 gallons per acre with the appropriate dilution for adequate coverage. A maximum concentration of 1:10 BLACKMAX 22 to water should be used for foliar applications. Repeat applications may be beneficial.

EQUIPMENT

DO NOT STORE OR TRANSPORT IN ALUMINUM CONTAINERS. Do not allow contact with aluminum parts, aluminum containers or other equipment made from aluminum. This precaution does not apply to equipment made from steel. Brass, copper and galvanized metals may be subject to mild corrosion from prolonged or repeated contact with this product.

COMPATIBILITY

BLACKMAX 22 can be applied alone or with other compatible spray materials. Ammonium polyphosphate fertilizers tend to be more compatible than orthophosphate types. Including some polyphosphate in the mixture often improves compatibility of orthophosphates. Proposed mixtures should be evaluated in a jar test before full scale use. Fertilizer based mixtures that also contain pesticides should be sprayed as soon as possible.

Note: When combining BLACKMAX 22 with phosphate fertilizers vigorous agitation is required for good product mixing. See mixing directions below for more information.

CROP SAFETY

This product has been tested on a number of crop varieties with no phytotoxicity observed at labeled rates; however, this product has not been tested on all varieties and cultivars. Due to the large number of plant species and their associated varieties or cultivars, and due to variable growing conditions, it is impossible to test every plant for tolerance to this product. It is the responsibility of the user to determine if this product can be used safely prior to commercial use. In a small test area, test the specified rates on plants for phytotoxicity prior to general use. Before using any tank mix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Treat a small group of target crop including plant cultivars and evaluate for 3 to 7 days prior to making an application to your entire crop.

MIXING INSTRUCTIONS

BLACKMAX 22 disperses well in water with a minimum of agitation. It may be combined with most fertilizer solutions using adequate agitation during mixing. Dilutions with water may be made at any time.

1. Partially fill tank with water and start agitation.
2. Add BLACKMAX 22 slowly to the circulating mix and mix thoroughly.
3. While agitating, inject the fertilizer product into the BLACKMAX 22 and water mixture.

STORAGE AND DISPOSAL

STORAGE: Cold storage okay with circulation. No air sparging; NH4 to NH3 if pH < 8. 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 ACRS site (go to <http://www.acrecycle.org/>) 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.

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-ppi.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.

BLACKMAX is a registered trademark of Loveland Products, Inc.

F1548

FOR AGRICULTURAL AND PROFESSIONAL USE ONLY



Density: 10.00 lbs/gallon @ 68 °F
Net Contents: 265 gallons (1,003.13 liters)
Net Weight: 2,650 lbs (1,202.02 kg)
Product Code: 1000592580



Density: 10.00 lbs/gallon @ 68 °F
Net Contents: 250 gallons (946.35 liters)
Net Weight: 2,500 lbs (1,133.98 kg)
Product Code: 1000804017



Density: 10.00 lbs/gallon @ 68 °F
Net Contents: gallons (liters)
Net Weight: lbs (kg)
Product Code: 1000592579

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

BLACKMAX_22_C0624