



0-3-2

Nutritional Formulation

GUARANTEED ANALYSIS

Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	2%

Derived from: Potassium phosphate and kelp extracts (ascophyllum nodosum)

KEEP OUT OF REACH OF CHILDREN

WARNING

Causes eye irritation
Causes mild skin irritation

--KEEP FROM FREEZING--

NET CONTENTS: 2.5 gal. (9.46 L) SN 042915/0816G

NET WEIGHT: 22.31 lbs. (10.12 kg)

WEIGHT PER GALLON: 8.92 lbs. (4.05 kg) @ 68°F

Formulated with



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.

Causes eye irritation. Causes mild skin irritation. 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:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> 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:	<ul style="list-style-type: none"> 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

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

	<p>artificial respiration, preferably mouth-to-mouth if possible.</p> <ul style="list-style-type: none"> Call a POISON CENTER or doctor for treatment advice.
IF ON SKIN OR HAIR:	<ul style="list-style-type: none"> 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

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

STORAGE: Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate. Keep locked up and out of the reach of children.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading and add rinse water to spray tank. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

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 crops or other intended plants. UTILIZE® PK is a liquid fertilizer formulation of available phosphorus and potassium. UTILIZE® PK is formulated to provide the plant with P & K. Optimum levels of these nutrients provide the opportunity for vigorous plant growth and fruit development.

COMPATIBILITY

UTILIZE® PK is compatible with most fungicides and insecticides, provided they are used in accordance with the registered label directions. Some compatibility problems may occur with alkaline mixtures (lime sulfur) and with spreader stickers containing ethanol. When there is a question of compatibility prior to charging the spray tank, use the "jar compatibility test" in the following manner. Add 30 fl. oz. (20 parts) water to a glass jar with at least one quart capacity, then add 1.5 fl. oz. (1/3 part) of the products to be tank mixed. Shake well and allow to stand for at least 5 minutes. Observe to determine if any flocculation, precipitation, or unusual settling out occurs. If flocculation, precipitation, or other incompatible properties, etc. occur, do not tank mix UTILIZE® PK with this product. Select another product with suitable compatibility properties.

DIRECTIONS FOR USE

SHAKE CONTAINER WELL, add UTILIZE® PK to partially filled spray tank by pouring through sieve or strainer. Wash any residual UTILIZE® PK through sieve or strainer with remaining water. All other spray materials should be added prior to UTILIZE® PK. UTILIZE® PK may be applied diluted for conventional ground foliar applications (50-500 gallons of water per acre) or at high concentrations for ground low volume or aerial applications (1 to 20 gallons of water per acre).

In the case of very alkaline spray water (pH 7.5 to 8.0), it is strongly recommended to use an acidifying or buffering agent to lower the pH of the mixture down to 6.5-7.0.

CROP RATE RECOMMENDATIONS

FIELD CROPS

ALFALFA: 8 ounces/acre. 1) At dormancy break stage when sufficient re-growth is present; 2) Re-apply after each cutting when re-growth is present.

COTTON: 8 ounces/acre. Up to three applications starting at 5th leaf stage to early bloom development.

CEREAL CROPS: 5-8 ounces/acre. Up to three applications starting at 3-5 leaf stage through jointing/panicle initiation.

CORN: 5-8 ounces/acre VT to R2 growth stage

GRASSES GROWN FOR HAY OR SEED: 8-12 ounces/acre. Apply just after dormancy break or mowing when sufficient regrowth is present. Application may also be made at flower initiation.

OIL SEED CROPS

SOYBEANS: 8-10 ounces/acre. One to two applications per season up to stem elongation.

CANOLA: 8 ounces/acre. One to two applications up to onset of flowering.

FLAX: 8 ounces/acre. One to two applications per season up to stem elongation.

CAMELINA: 8 ounces/acre. One to two applications up to stem elongation.

MUSTARD: 8 ounces/acre. One to two applications up to stem elongation.

SUNFLOWER: 8-10 ounces/acre. Up to three applications starting at 2-3 leaves up to flower bud appearance.

VEGETABLE CROPS

SWEET POTATOES: 12 ounces/acre. Two applications: 1) 100% sprouting. 2) 15 days after first treatment.

SUGAR BEETS: 12 ounces/acre. Two applications: 1) 8-10 leaf stage. 2) 15 days after first treatment.

POTATOES: 12 ounces/acre. Two applications: 1) 100% sprouting. 2) 15 days after first treatment.

FRUITING VEGETABLES: 8-12 ounces/acre. Use as needed up to first flower, then beginning again at fruit set up to harvest.

TOMATOES, PEPPERS, CUCURBITS AND OTHER FRUITING VEGETABLES (INCLUDING OKRA): 8-12 ounces/acre. Use as needed up to first flower, then beginning again at fruit set up to harvest.

SNAP BEANS, PEAS AND OTHER LEGUMES: 8-12 ounces/acre. Use as needed up to first flower, then beginning again at fruit set up to harvest.

FRUIT CROPS

APPLES & PEARS: 12-48 ounces/acre. Two applications: 1) After fruitset 2) Repeat 7-10 days later.

STONE FRUIT (Peaches, Nectarines, Apricots, Plums, Cherries): 12-48 ounces/acre. Three applications 1) After fruitset 2) Repeat 7-10 days later 3) Post harvest

GRAPES (Raisin, Wine): 12 ounces/acre. Three applications 1) After berry set 2) Repeat 10-14 days later. 3) Post harvest

Concord, Niagara and other American cultivars: 8 ounces/acre. Three applications: 1) Early bloom 2) Full bloom. 3) Post harvest

TABLE GRAPES (without seeds): Rate per acre: 12-48 fluid ounces/acre. Three applications: 1) After berry set 2) Repeat 10-14 days later. 3) Post harvest

TABLE GRAPES (with seeds): Rate per acre: 12-48 fluid ounces/acre. Three applications: 1) Apply when berries = 9-12 mm 2) Repeat when berries = 14-16 mm. 3) Post harvest

CITRUS: 10-48 ounces/acre. Three Applications: 1) Post Bloom 2) With summer oil spray 3) Pre harvest

STRAWBERRIES: 8-10 ounces/acre/application. 1) Within 14 days of transplant 2) Subsequent applications: Every 7-14 days thereafter.

KIWI: 12-48 ounces/acre. Two Applications 1) Post bloom 2) Repeat 10-14 days later

BLUEBERRIES, CANEBERRIES: 12-32 ounces/acre. Three Applications 1) Post bloom 2) Repeat 10-14 days later 3) 10-14 days later

NUT CROPS

ALMONDS, PISTACHIOS, WALNUTS, PECANS: 8-12 ounces/acre. Post bloom to post harvest as needed.

SPECIALTY CROPS

TURF – ALL WARM AND COOL SEASON GRASS SPECIES: Use 8 ounces/acre per month in single application. Water volume: Apply in a minimum of 50 gallons of water per acre by ground. Do not apply through irrigation systems.

ORNAMENTALS – LANDSCAPE OR PRODUCTION ORNAMENTALS: Use 10 ounces per 100 gallons of water foliar applied. Apply on a monthly basis for overall plant maintenance.

ROOT DIP: Mix up to a 1-1.5% v/v (1-1.5 gallons per 100 gallons of water) solution of **UTILIZE® PK** for bare root dip solution. Do not exceed this rate.

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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