

Helena

Ele-Max[®] Precision Nutrition[®] K-Leaf 0-0-30

Foliar Nutritional Liquid Concentrate

GUARANTEED ANALYSISSoluble Potash (K₂O) 30.00%

Derived from potassium hydroxide.

Nutrient content per gallon: 3.34 lbs. K₂O**KEEP OUT OF REACH OF CHILDREN****CAUTION****See Below for Additional Precautionary Statements.**

SN 1299/0605

WT. PER GAL.: 11.14 lbs. (5.05 kg)

- 2.5 gal. (9.46 liters) 5 gal. (18.93 liters)
 Net Wt.: 27.85 lbs. (12.63 kg) Net Wt. 55.70 lbs. (25.27 kg)
- 55 gal. (208.19 liters)
 Net Wt. 612.70 lbs. (277.92 kg)

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
 COLLIERVILLE, TN 38017

PRECAUTIONARY STATEMENT**CAUTION**

Avoid contact with formulated product. Do not take internally. Avoid contact with or inhalation of the spray mist. If product is being mixed with pesticides, other fertilizers, and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling.

WHAT TO DO IN CASE OF CONTACT:

IF SWALLOWED: Induce vomiting. Immediately call a doctor or a poison control center.

IF IN EYES: Flush eyes with clean water for 15 minutes. Immediately call a doctor or poison control center.

IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. Call a doctor if irritation develops or persists.

IF INHALED: Move to fresh air and call a doctor if irritation develops or persists.

If there is contact made with the spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment/First Aid" on the product(s) labeling.

STORAGE AND DISPOSAL

Keep container tightly closed. May be stored in an unheated area but keep from freezing. Do not contaminate water sources by cleaning of equipment or disposal of washwaters. Dispose of empty containers by triple rinsing (or equivalent) with water and pouring rinsate into spray tank. Recycle rinsed containers whenever possible or puncture and discard empty containers in a landfill in accordance with current local, state and federal regulations.

GENERAL INFORMATION

K-LEAF 0-0-30 is a stabilized solution containing a high concentration of water soluble potash. K-LEAF 0-0-30 is a stable, uniform product with excellent mixing characteristics and utilizes a unique form of potash which exhibits low corrosion characteristics. Foliar fertilization is intended as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

K-LEAF 0-0-30 is compatible with many liquid fertilizers, foliarly applied micro-nutrients and pesticides provided that the following mixing precautions are observed.

1. Never mix K-LEAF 0-0-30 with undiluted pesticides.
2. K-LEAF 0-0-30 should be added to the spray tank water prior to the addition of other products.

3. Always "jar test" for compatibility all spray tank mixes before mixing for field applications.

CAUTION: Do not apply K-LEAF 0-0-30 to stone fruit within 3 weeks of harvest because of possible visible residues.

GENERAL RECOMMENDATIONS

K-LEAF 0-0-30 may be applied to agricultural crops, commercial turf, ornamental crops and other plants where foliar applied potash is recommended. Direct application to soil is also recommended. Application of K-LEAF 0-0-30 should always be the result of plant tissue or soil analysis which indicates the need for potassium.

CAUTION: Do not use K-LEAF 0-0-30 in foliar sprays on plants that are sensitive to potassium application. K-LEAF 0-0-30 may be applied by ground (dilute or concentrate) or air. Apply in enough water for thorough coverage. The addition of a quality surfactant such as INDUCE[®] is recommended. Local climatic conditions may affect the performance of nutritional sprays. Consult your Helena Chemical Company representative or your local agricultural extension agent for guidance if needed.

Rate Conversions

K-LEAF 0-0-30	Potash (K ₂ O)
1 qt.	0.83 lb.
2 qt.	1.67 lbs.
1 gal.	3.32 lbs.

Application and Mixing Guide

Mixing: In any mixing operation introduce K-LEAF 0-0-30 in the following sequence:

1. Water
2. K-LEAF 0-0-30
3. Other Fertilizers and/or Pesticides

If a compatibility agent such as BLENDEX[®] is needed, consult the compatibility agent label for additional mixing instructions.

TREE CROPS

ALMONDS: 5-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

APPLES: Western States: 2-13 qts. per acre per application in pre- and post-bloom sprays. Repeat as needed. States East of Mississippi: 1-5 qts. per acre per application in post-bloom sprays only. Repeat as needed. Do not apply during bloom period, under poor drying conditions, or within 24 hours of predicted rainfall. Do not apply with other materials that may cause russetting.

APRICOTS*: 4-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

AVOCADOS: 2.5-5 qts. per 100 gals. and flush wet the foliage. By air or concentrate sprayer, 5-15 qts. per acre per application.

CHERRIES*: 4-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

CITRUS (ALL VARIETIES): By air or concentrate sprayer: 2-25 qts. per acre per application in 15 to 100 gals. of water. By conventional ground rig: 2-4 qts. per 100 gals. and flush wet the foliage (up to 26 qts. per acre per application). In oil sprays: 0.5 qts.-1.5 qts. per 100 gals. of spray mix.

FIGS: 5-13 qts. per acre per application.

FILBERTS: See "Nut Crops" this section.

NECTARINES*: 4-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

NUT CROPS (FILBERTS, PECANS, PISTACHIOS, WALNUTS): 5-15 qts. per acre per application pre-bloom and in cover sprays.

OLIVES: 8-15 qts. per acre per application. Apply 15 to 20 days after thinning, repeat 3 to 4 weeks later. If crop is not thinned, apply 1 to 2 weeks after full bloom, repeat 3 to 4 weeks later.

PEACHES*: 4-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

PECANS: See "Nut Crops" this section.

PISTACHIOS: See "Nut Crops" this section.

PLUMS*: 4-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

PRUNES*: 4-13 qts. per acre per application in pre- and post-bloom sprays or as needed.

PEARS: Western States: 2-13 qts. per acre per application in pre- and post-bloom sprays. Repeat as needed. States East of Mississippi: 1-5 qts. per acre per application in post-bloom sprays only. Repeat as needed. Do not apply during bloom period, under poor drying conditions, or within 24 hours of predicted rainfall. Do not apply with other materials that may cause russetting. May cause russetting on D'Anjou variety pears.

WALNUTS: See "Nut Crops" this section.

***CAUTION:** Do not apply K-LEAF 0-0-30 to stone fruit within 3 weeks of harvest because of possible visible residue.

FIELD & ROW CROPS

ALFALFA: Hay: 2-8 qts. per acre per application. First application at 6 to 8 inches, repeat application to new growth after each cutting.

ARTICHOKES: 2.5-8 qts. per acre per application.

ASPARAGUS: 2.5 qts.-5 qts. per acre after start of new fern growth. Repeat at intervals of 2 to 3 weeks as necessary.

BARLEY: See "Small Grains" this section.

BEANS: 1-5 qts. per acre per application. First application at bud to early-bloom stage, repeat in 2 to 3 weeks.

CANEBERRIES: Apply 1.5-10 qts. per acre over new growth in spring. Applications should not be made after fruit starts to color.

CLOVER: Hay: 2-8 qts. per acre per application. First application at 6 to 8 inches, repeat application to new growth after each cutting.

CORN (SWEET AND FIELD): 1.5-5 qts. per acre per application.

COTTON: 1-8 qts. per acre per application.

CRANBERRIES: 2.5-8 qts. per acre per application. Apply as needed.

GARLIC: 1.5-5 qts. per acre per application.

GRAPES: 2.5-8 qts. per acre per application. First application when new shoots are in the 4 to 6 leaf stage. Repeat as necessary.

HOPS: 2.5-8 qts. per acre per application in cover sprays.

LENTILS: 1-5 qts. per acre per application. First application at bud to early-bloom stage. Repeat in 2 to 3 weeks.

MINTS: 2.5-8 qts. per acre per application. First application at 6 inches of new growth. Repeat 2 to 3 weeks later or as needed.

OATS: See "Small Grains" this section.

OILSEED CROPS (SAFFLOWER, SUNFLOWER, CANOLA AND OTHERS): 1.5-5 qts. per acre per application.

ONIONS (DRY AND GREEN): 1.5-5 qts. per acre per application.

PEANUTS: 2.5-15 qts. per acre per application. First application at early-bloom stage. Repeat at intervals of 2 to 3 weeks as needed.

PEAS: 1.5 qts. per acre per application. First application at bud to early-bloom stage. Repeat in 2 to 3 weeks.

POTATOES: 2.5-8 qts. per acre per application. First application when plants are 4 to 12 inches high. Second application 3 weeks later. Repeat as needed.

RICE: See "Small Grains" this section.

SAFFLOWER: See "Oilseed Crops" this section.

SMALL GRAINS (BARLEY, OATS, RICE, SAFFLOWER, WHEAT): 1.5-5 qts. per acre per application.

SOYBEANS: 1-5 qts. per acre per application. First application at bud to early-bloom stage. Repeat in 2 to 3 weeks.

STRAWBERRIES: 2.5-5 qts. per acre per application. Do not apply after fruit starts to color as a possible visible residue may remain.

SUGAR BEETS: 2.5-8 qts. per acre per application. First application when plants are 6 to 8 inches across. Second application 3 to 4 weeks later. Repeat as needed.

WHEAT: See "Small Grains" this section.

VEGETABLE CROPS

CELERY: 1-5 qts. per acre per application.

COLE CROPS: 1-5 qts. per acre per application.

CUCUMBER AND OTHER CUCURBITS: 1-5 qts. per application. Make two or more applications at intervals of 2 to 3 weeks starting just prior to bloom.

LEAFY VEGETABLES: 1-5 qts. per acre per application.

LETTUCE: 1-5 qts. per acre per application.

PEPPERS: 1.5-5 qts. per acre per application in enough water to give even distribution of material. One to three applications are advised at 3 to 4 week intervals, starting in period prior to bloom.

SWEET POTATOES: See "Vegetable Root Crops" this section.

TOMATOES: 1.5-5 qts. per acre per application in enough water to give even distribution of material. One to three applications are advised at 3 to 4 week intervals, starting in period prior to bloom.

VEGETABLE CROP: 1.5-5 qts. per acre per application. First application at bud to early-bloom stage. Repeat applications at intervals of 2 to 3 weeks as needed.

VEGETABLE ROOT CROPS (BEETS, CARROTS, SWEET POTATOES): 1.5-5 qts. per acre per application.

ORNAMENTALS

CONIFERS: 1.5-8 qts. per acre per application.

FLOWER SEED CROPS: 1.5-5 qts. per acre per application. First application at bud to early-bloom stage. Repeat applications at intervals of 2 to 3 weeks as needed.

MELONS

MELONS: 1-5 qts. per application. Make two or more applications at intervals of 2 to 3 weeks starting just prior to bloom.

SOIL

1-4 gals. per acre as a general application rate.

TURF

COOL & WARM SEASON GRASSES: 1/8-1/4 lb. K2O (5-10 oz.) per 1,000 sq. ft.. Repeat every 2-3 weeks or as needed during the growing season.

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 should 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 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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