

STOLLER® KEYLATE® BORON

Specimen Label

9% BORON

F1601



Z- KEYB
US Patent: 5,997,600

Manufactured for Stoller Enterprises, Inc.
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Guaranteed Analysis

Boron (B):..... 9%
(Derived from Boric acid)

Net Weight: 10.8 lb./gallon
(1.2 kg/ liter)

GENERAL INFORMATION

Boron is an essential plant nutrient that is involved in cell development and cell differentiation; protein synthesis; pollination; seed development; fruit formation; sugar transport and metabolism; auxin metabolism and nodulation in legumes. Dicotyledon plants, especially legumes, crucifers and certain root crops, have a higher requirement for **Boron** than monocotyledon plants. Because **Boron** is not mobile within the plant, a continuous supply to all growing points is required from germination to maturity. Conditions that contribute to **Boron** deficiency by reducing **Boron** availability of supply include:

- low organic matter soils (<2%)
- recently lined soils
- soils pH 6.0 or higher
- water stress or drought conditions
- leaching (especially with crops under frequent or continuous irrigation)
- high potassium soils or soils recently fertilized with high potassium
- crop removal

CAUTION: KEEP OUT OF REACH OF CHILDREN

WARNING: This product contains **Boron** at a level that may be detrimental to growing plants. Use of **Boron** on crops other than those recommended may result in serious injury to those crops. Since excessive amount of boron may be toxic, contact your local agricultural authority for additional information. Prevent contact with eyes, skin or clothing by wearing protective chemical goggles and protective clothing. If exposure occurs, immediately flush exposed area with clear water for at least 15 minutes. Consult a physician. **IF INGESTED:** do not induce vomiting, call a physician; transport to an emergency facility. Avoid breathing vapors by mixing in a well ventilated area. If inhalation occurs move to fresh air and consult a physician immediately. Contains 1 lb. of **Boron** per gallon.

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than the officers of Seller, is authorized to make any warranty, guarantee or direction concerning this product. 2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from handling, storage and use of this product limited to replacement of product or refund of purchase price.

APPLICATION INSTRUCTIONS

FOR FOLIAR APPLICATION

Apply the recommended amount with ground equipment or by air in a volume sufficient for thorough coverage. Do not apply over 2 quarts of Boron in any one spray application. If the crop requires more than 2 quarts per acre, split the application allowing 14 days between sprays. Foliar fertilization is intended as a supplement to a regular fertilization program and will not, by itself provide all the nutrient normally required by agricultural crops.

FOR SOIL APPLICATION

Boron must be applied uniformly across the field. Apply alone; as a tank mix with other agricultural chemical; or in liquid fertilizer. Always use sufficient agitation to insure thorough mixing. **Liquid Boron** is recommended for seasonal use of the following crops:

Field Crops	Quarts/ Acre	Liters/ Hectare
Alfalfa	2 to 4 qts.	4 to 9 ltrs.
Clover	2 to 3 qts.	4 to 7 ltrs.
Corn	1 to 2 qts.	2 to 4 ltrs.
Cotton	1 to 2 qts.	2 to 4 ltrs.
Lentils	1 to 2 qts.	2 to 4 ltrs.
Peanuts	1 to 2 qts.	2 to 4 ltrs.
Rape (canola)	1 to 2 qts.	2 to 4 ltrs.
Soybeans	1 to 2 qts.	2 to 4 ltrs.
Sugar Beets	2 to 4 qts.	4 to 9 ltrs.
Sunflowers	2 qts. when plants are 6" tall 2 qts/4ltrs. 30 days later	4 ltrs. 2 to 4 ltrs.
Tobacco	1 to 2 qts.	2 to 4 ltrs.

<u>Vegetables</u> <u>Ltrs/ Hectare</u>	<u>Qts/ Acre</u>	<u>Ltrs/ Hectare</u>	<u>Fruit & Nuts</u>	<u>Qts/ Acre</u>
Beets (red)	2 to 4 qt.	4 to 9 ltrs.	Almonds	2 to 4 qts. 4 to 9 ltrs.
Broccoli	3 to 5 qts.	7 to 11 ltrs.	Apples	2 to 4 qts. 4 to 9 ltrs.
Cabbage	1 to 3 qts.	2 to 7 ltrs.	Apricots	6 to 8 qts. 14 to 19 ltrs.
Carrots	1 to 2 qts.	2 to 4 ltrs.	Citrus	1 to 3 qts. 2 to 7 ltrs.
Cauliflower	2 to 4 qts.	2 to 9 ltrs.	Grapes	3 to 5 qts. 7 to 11 ltrs.
Celery	1 to 3 qts.	2 to 7 ltrs.	Pears	2 to 4 qts. 4 to 9 ltrs.
Lettuce	1 to 2 qts.	2 to 4 ltrs.	Plums/ Prun	2 to 4 qts. 4 to 9 ltrs.
Potatoes	1 to 2 qts.	2 to 4 ltrs.	Strawberries	2 to 4 qts. 4 to 9 ltrs.
Turnips	1 to 2 qts.	2 to 4 ltrs.	Walnuts	6 to 8 qts. 14 to 19 ltrs.
Tomatoes	1 to 2 qts.	2 to 4 ltrs.		
Radishes	1 to 2 qts.	2 to 4 ltrs.		
Spinach	1 to 2 qts.	2 to 4 ltrs.		

RECOMMENDATIONS FOR USE: Supplemental application of boron is recommended when soils test less than 1.0 ppm boron or tissue test levels fall below average values specified for the crop. In the absence of soil or tissue test data use the suggested rate by crop.

Boron is compatible with most agricultural chemicals. Conduct a jar test if in doubt about specified combinations. Follow this mixing procedure:

1. Water 2. **Boron** 3. Pesticide

STORAGE INSTRUCTIONS: Store **Boron** three pails high per pallet. Do not stack pallets. **Boron** will withstand freezing. If frozen, thaw, then mix before using.