Micronutrient

SRN25B™

Slow Release Nitrogen with 0.5% Boron

KEEP OUT OF REACH OF CHILDREN

WARNING

READ ENTIRE LABEL BEFORE USING

GHS CLASSIFICATIONS

Health: Acute Toxicity (Oral), Category 5
Skin Irritation, Category 3
Eye Irritation, Category 2A

HAZARD STATEMENTS

May be harmful if swallowed.
Causes mild skin irritation.
Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

Prevention: Wash hands, face and other affected areas thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/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/attention.

If swallowed: Immediately seek medical attention. Give large amounts of water and induce vomiting by touching the back of the throat with a finger, unless the victim is unconscious.

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 physician for treatment advice if irritation develops.

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 physician for further treatment advice. Have the product container or label with you when calling a poison control center or physician, or going for treatment.

Precaution: It is best to apply this product in the early morning or late evening to avoid crop injury. As with the use of any agrichemical, crop injury is always possible. Crop stress can be brought on by various environmental and/or agronomic factors, especially those associated with dry conditions and high temperatures. The user is responsible for all risks associated with use and handling. Normal vegetative and/or reproductive growth is not expected to be adversely affected in most situations when this product is used according to label directions. Foliar fertilization with primary nutrients will not provide the quantities of nutrients required for normal plant growth. This product may cause foliar burn if applied in higher than recommended rates or concentrations. Use only as a supplement to a regular fertilization program.

Warning: Contains Boron. Do not use on plants sensitive to Boron. Use of Boron on crops other than those recommended may result in serious injury to the crops.

STORAGE AND DISPOSAL

Storage: Store product at temperatures above 45°F. Store in original container only. Keep containers tightly closed and do not allow water to be introduced into the contents of the container. Use within nine (9) months from date of purchase. (Bold last statement)

Disposal: Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to http:www.acrecycle.org/ for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.

PRODUCT TO BE USED IN SEASON PURCHASED.

Refer to MSDS for Health, Safety, & Environmental Information.

NOTICE OF WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

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Manufactured By:
Winfield Solutions, LLC
P.O. Box 64589
St. Paul, MN 55164-0589

25-0-0

GUARANTEED ANALYSIS	
Total Nitrogen (N)	25.0%
18.8% Urea Nitrogen	
6.2% Other Water Soluble Nitrogen*	
Boron (B)	0.5%

Derived from urea, methylene ureas and boric acid. Chlorine (Cl), maximum 0.01% *6.2% Slow-Release nitrogen derived from methylene ureas. Density, lbs/gallon @ 70°F: 10 lbs (4.54 Kg)

GENERAL INFORMATION

One gallon of SRN25B™ contains 0.05 lbs of elemental boron (B) and 2.5 lbs of nitrogen (N). 0.62 lbs/gal of nitrogen, out of 2.5 lbs/gal of the total nitrogen in this product, is slow-release. SRN25B™ is a clear liquid solution, deriving its slow-release properties from methylene ureas. SRN25B™ is recommended for field crops, vegetable crops, fruit and nut crops, commercial Christmas trees, ornamentals, and nursery stock. SRN25B™ is ideal for drip irrigation systems, ground and aerial applications. It is compatible with other NPK fertilizers, and can be tank mixed with most herbicides, insecticides, and fungicides. Jar tests should be performed to confirm compatibility before mixing with other components. Rates and timing of applications are dependent on local conditions, and should always be made as a result of soil or plant tissue analysis. When used as directed, this product does not supply all the nutrients required by plants and is to supplement a soil fertility program based on soil tests. Ground or aerial systems may be utilized to deliver SRN25B™. Use sufficient water to ensure thorough coverage. Product may be applied either diluted or undiluted. 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. Foliar SRN applications have been shown to have increased efficiency over soil applied nitrogen under some environmental conditions. Consult local agronomists for appropriate factors for your area. Foliar SRN as a supplement to soil applied nitrogen can increase yields.

DIRECTIONS FOR USE

Foliar fertilization can be an effective remedy for diagnosed plant deficiencies of micronutrients, but may cause plant damage if applied at more than recommended rates or concentrations. Use of this product is recommended only as a supplement to a regular fertilization program and only on plants with confirmed micronutrient deficiencies.

When environmental conditions exist where air temperature added to relative humidity exceeds 150, the addition of Crop Oil Concentrates may enhance leaf phytotoxicity effects.

MIXING INSTRUCTIONS

Dilute with water and blend with other nutrients and pesticides only at the time of application and in the amounts required.

Fill the clean spray or mix tank half-way with water, begin agitation, add other materials in the following sequence (unless otherwise directed by their labeling):

1. Add 1/2 total water to the tank.
2. Turn on the recirculation line.
3. Add any soluble powders.
4. Add liquid flowable materials.
5. Add emulsified concentrates.
6. Add water soluble products.
7. Add prescribed amount of SRN25B™ to the tank.
8. Add other fertilizer products.
9. Add surfactants, crop oils, MSO, as needed for pesticides in the tank mix.
10. Add drift reduction agents.
11. Add remaining water.
    a) Do not blend with 10-34-0.
    b) Do not blend with oxide sources of micronutrients.
    c) Do not blend with strongly acidic products: sulfurics and phosphorics that could lower spray tank solution pH<5.0.

RECOMMENDED RATES

Unless otherwise listed below, a general rate for most other crops would be 4 - 6 qt/acre when sufficient foliage is present. Higher rates may be applied if done so first on a small test area to determine acceptability. Use in accordance with recommendations of a qualified individual or institution or apply according to recommendations in your approved nutrient management plan.

Alfalfa[1]: 4-6 qt/ac after each cutting when sufficient foliage is present.

Almonds: 6-10 qt/ac at full leaf. Repeat at early nut expansion.

Apples[1]: 4-6 qt/ac prior to fruit set or post-harvest.

Asparagus[1]: 6 - 10 qt/ac at the beginning of mid-fern development and repeat at 14 - 21 day intervals.

Beans (Dry): **Single Application**: 10 qt/ac at early pod formation. **Multiple Applications**: 4-6 qt/ac at early full flower & repeat in 10-14 days.

Beans (Green, Lima): 4-6 qt/ac at early flower & repeat in 7-10 days.

Broccoli[1]: 6-10 qt/acre after thinning, then repeat 3 weeks before head formation. Repeat again in 7-10 days.

Cabbage[1]: 6 - 10 qt/acre after thinning, then repeat at early head formation. Repeat again in 14 - 21 days.

Caneberries: 4 - 6 qt/acre prior to fruit set.

Canola[1]: 4 - 8 qt/acre pre-bloom.

Cantaloupes: 6-10 qt/acre at early flowering and repeat in 7-10 days.

Celery[1]: 4 - 6 qt/acre when plants are 8 - 12 inches tall and repeat at 10 - 14 day intervals.

Cherries: 4 - 6 qt/acre prior to fruit set.

Christmas Trees (Commercial): 4 - 10 qt/acre (2.94 - 7.35 oz/1000 sq ft) when sufficient foliage is present.

Citrus: 4 - 6 qt/acre at early bloom and repeat after fruit set.

Corn, Corn (Seed), **Corn** (Sweet): 3-5 gal/acre foliarly at V-5 to V-8 stage as a partial side-dress Nitrogen (N) replacement. Apply 1-3 gal/acre foliarly at pre-tassel as a Nitrogen (N) supplement. Apply 1-2 gal/acre foliarly with fungicides or insecticides at V5 and\or VT stages.

Cotton Seedling Stage: 3 -4 qt/acre when first true leaves appear. After Seedling Stage: 2 -4 qt/acre. Boll Development: 4 - 12 qt/acre at early boll formation and repeat at 14 - 21 day intervals.

Cranberries: 4 -6 qt/acre at hook stage and repeat after fruit set.

Cucumbers Single Application: 10-16 qt/acre at early fruit set. **Multiple Applications**: 4 - 6 qt/acre at early flowering and repeat at 10 - 14 day intervals.

Filberts Single Application: 10 -16 qt/acre at early nut filling. **Multiple Applications**: 4-6 qt/acre at early leaf expansion and repeat at 14 - 21 day intervals.

Flax: 6 - 10 qt/acre at early boll development.

Grain Sorghum: 4 - 6 qt/acre after pollination.

Grapes: 2 - 4 qt/acre prior to fruit set.

Hops: 4 - 6 qt/acre before cone development.

Lentils: 4-6 qt/acre at early flowering & repeat at 10-14 day intervals.

Lettuce[1]: 4-6 qt/acre after thinning, then repeat at early head formation. Repeat again at 10 - 14 day intervals.

Nursery Stock: 4-10 qt/acre (2.94-7.35 oz/1,000 sq ft) when sufficient foliage is present. PRECAUTION: If applying this product undiluted to nursery stock, avoid possible leaf/tip burn by testing a small sampling of plants for at least one week prior to applying product to entire stock.

Olives: 4-6 qt/acre at early fruit development and repeat as needed.

Onions: 4-6 qt/acre at mid-set development & repeat at 14-21 day intervals.

Ornamentals: 4-10 qt/acre (2.94-7.35 oz/1000 sq ft) when sufficient foliage is present. PRECAUTION: If applying this product undiluted to ornamentals, avoid possible leaf/tip burn by testing a small sampling of plants for at least one week prior to applying product to entire stock.

Peaches: 6-10 qt/acre prior to fruit set.

Peanuts Single Application: 10-16 qt/acre at early pod development. **Multiple Applications**: 4-6 qt/application at early bloom and repeat at 14-21 day intervals until pods are filled.

Pears: 4 - 6 qt/acre prior to fruit set or post-harvest.

Peas: 4 - 6 qt/acre at early flowering and repeat in 10 - 14 days.

Pecans: 4 - 6 qt/acre at full leaf and repeat at early nut expansion.

Peppers: 4 - 6 qt/acre at early fruit set and repeat in 10 - 14 days.

Potatoes Single Application: 10 - 16 qt/acre at mid-tuber development. **Multiple Applications**: 4-6 qt/acre at tuber initiation and repeat at 10-14 day intervals until maximum tuber development is reached.

Rice: 6 - 10 qt/acre at panicle emergence.

Small Grains: 1 - 3 gal/acre foliarly from spring greenup to early joint (Feekes 8) as a partial replacement of soil-applied Nitrogen (N). 1 - 3 gal/acre at or near flag leaf stage as a Nitrogen (N) supplement.

Soybeans: 1-3 gal/acre at V6-R4 stage as a Nitrogen (N) supplement.

Spinach[1]: 6 - 10 qt/acre when sufficient foliage is present and repeat in 14 - 21 days.

Squash: 6-10 qt/acre at early fruit set & repeat at 10 -14 day intervals.

Strawberries: 2-3 qt/acre at early flowering and repeat every 14 days. First fall application may be applied when the height of new growth is at least 3 inches.

Sugar Beets: 10 qt/acre at the 10-12 leaf stage and repeat at the 20 leaf stage.

Sunflower[1]: 4-6 qt/acre when outer seeds start to fill and repeat in 10-14 days.

Sweet Potatoes: 4-6 qt/acre at tuber initiation & repeat in 10-14 days.

Tobacco[1]: 6 - 10 qt/acre at plant bed stage to near maturity as needed to maintain growth and quality.

Tomatoes (Process)[1] **Single Application**: 10 qt/acre 10 - 14 days after full bloom. **Multiple Applications**: 4 - 6 qt/acre at full bloom. Repeat at 10 - 14 day intervals.

Watermelons: 6-10 qt/acre at early flowering & repeat 7-10 days later.

NOTE[1] FOR USE IN WISCONSIN: SRN25B™ can be applied to these crops commonly grown in Wisconsin and requiring a medium to high level of Boron (B).