

# Premium 9-24-3

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	9.0%
6.1% Ammoniacal Nitrogen	
2.9% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	24.0%
Soluble Potash (K <sub>2</sub> O).....	3.0%
Derived from: anhydrous ammonia, phosphoric acid, potassium hydroxide, and urea.	

## TYPICAL PROPERTIES

Specific Gravity .....	1.318
Weight per gallon .....	10.99
Gallons per ton .....	182.0
pH .....	6.3

## GENERAL INFORMATION

**Premium 9-24-3** can be applied to most vegetable and field crops, deciduous fruit and nut trees, grapes, olives and citrus. It may be used for foliar or soil applications or applied through a drip or sprinkler irrigation system. **Premium 9-24-3** may be applied as a foliar spray on most crops. **Premium 9-24-3** may be used in small quantities as a starter fertilizer to stimulate seedling growth under adverse growing conditions (cold temperatures and excess moisture). Results will be influenced by differences in varieties, soil and environmental conditions. Information regarding the contents and level of metals in this product is available by calling 1-800-831-4815.

## DIRECTIONS FOR USE

### FOLIAR APPLICATION RATES

#### Vegetable and Field Crops, Deciduous Fruit and Nut Trees,

Grapes, Olives and Citrus: Apply 1 to 3 gallons per acre in a minimum of 5 gallons of water per acre. Repeat applications may be beneficial. Use of a surfactant may enhance leaf coverage and increase nutrient absorption. Do not apply when the crop is excessively stressed for moisture or during periods of high temperatures. **Note:** for best results use the lowest possible volume for thorough coverage and a small droplet size. Optimum foliar application conditions for most crops generally occur during early morning or late evening hours. Foliar fertilization with primary nutrients will not provide the quantities of nutrients required for normal plant growth. This product may cause plant damage if applied at more than recommended rates or concentrations. Use only as a supplement to a regular fertilization program.

## MIXING INSTRUCTIONS

**Premium 9-24-3** disperses well in water with a minimum of agitation. For best results mix as follows:

1. Partially fill tank with water or fertilizer and start agitation
2. Add **Premium 9-24-3** to circulating tank mix.
3. Add other pesticides or nutrients if compatible.
4. Fill tank and agitate thoroughly.

### SOIL APPLICATION RATES

**Vegetables:** For sprinkler irrigated fields, spray or dribble directly on the soil over the seed at planting. For furrow irrigated fields, inject directly below the seed row 1 to 2 inches deep. Use 2 to 4 gallons **Premium 9-24-3** per acre. May be diluted with water.

**Cotton – Corn – Melons and all other crops, Seeded Into Moist Soil:** Inject ½ inch to 2 inches directly below or to the side of the seed line. Use 3 to 8 gallons of **Premium 9-24-3** per acre. May be diluted with water.

**Premium 9-24-3** may be seed row (directly on the seed) applied on certain crops. Refer to the following table for rate instructions.

## Recommendations for Seed Row Placement

CROP	Soil Conditions			
	CEC <sup>1</sup> : 15 or > OM <sup>2</sup> : 2.5% or >	CEC: 12 - 14.9 OM: 2.0 - 2.4 %	CEC: 6 - 11.9 OM: 0.6 - 1.9%	CEC: < 6.0 OM: < 0.6%
Maximum suggested application rate in gallons per acre				
Corn (30" rows)	6	5	4	Inquire about row application in soils that fall within this group.
Milo (30" rows)	5	4	3	
Soybeans Row Spacing: 10" or less 11" - 16" 17" or more	5	4	3	
	3	2	0	
	0	0	0	
Wheat, Barley & Rye	8	7	6	
Oats	6	5	4	
New Alfalfa	6	5	4	
Potatoes	3	3	3	

<sup>1</sup>Cation Exchange Capacity. <sup>2</sup>Organic Matter.

**Western States:** Areas west of the North-South line formed by US Highway 81 and Interstate 35 (west of 97 Longitude West of Greenwich) should consult their local agronomic professional or Nutra-Flo for appropriate uses.

## ATTENTION

Always check compatibility with other products prior to use. Do not mix with calcium-based fertilizers. Do not apply directly on the seed in saline, alkali, salty or coarse textured soils. Since weather, crops, soil and other conditions may vary, Nutra-Flo Company and/or the Seller make no warranty of any kind, expressed or implied concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

**WARNING: Keep out of reach of children, harmful if swallowed; avoid contact with skin, eyes, or clothing.**

**Personal protection:** Use rubber gloves and chemical safety goggles when handling this product.

**NFPA Hazard of 1,0,0**

**Conditions to avoid:** Excessive heat

**Materials to avoid:** Acids and strong oxidizers.

**Materials of Decomposition:** ammonia, unknown materials of partial combustion/decomposition.

**Store:** Keep material in a cool, dry, well-ventilated area. Keep away from children.

**Fire:** Material will not burn as formulated.

**In case of spill or leak:** Contain spill and ventilate area. Absorb with clay, vermiculite, chemical boom, or pad. If clay is used, material may be applied as a fertilizer. If booms or pads are used, dispose of material in accordance with local, state, and federal regulations.

## FIRST AID

**Eyes:** Immediately flush eyes with large quantity of water for 15-30 minutes. Consult a physician if irritation persists or vision is blurred.

**Skin:** Remove contaminated clothing and flush skin with water for 15-30 minutes. Wash affected areas with soap when available. Get medical attention if irritation persists. Wash contaminated clothing before reuse.

**Inhalation:** Move to fresh air and get medical attention if breathing is difficult.

**Ingestion:** Call the poison control center and follow instructions. If victim is vomiting, roll on side to prevent choking.

**Emergency Phone: Chemtrec 1-800-424-9300 (24 hours a day)**

NET WEIGHT: Bulk shipment

Manufactured by:

**Nutra-Flo Company**

**1919 Grand Ave**

**Sioux City, Iowa 51106**