

# MATRIX 9-18-9

## GUARANTEED ANALYSIS

<b>Total Nitrogen (N)</b> .....	<b>9.0%</b>
<b>Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>18.0%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>9.0%</b>

**Weight Per Gallon 10.8 lb/gl. (1.294 kg/liter)**

Derived from Anhydrous Ammonia, phosphoric acid, and potassium hydroxide.

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

**WARNING: DO NOT TAKE INTERNALLY. HARMFUL IF SWALLOWED. Avoid contact with skin, eyes, and clothing.**

**In case of contact, immediately flush eyes or skin with water for 15 minutes.**

### General Information

Advantages of using Matrix 9-18-9 alone or in the production of various fertilizer blends:

- Contains the correct ratio of nitrogen, phosphate, and Potash.
- Readily blends with many liquid fertilizer components.
- Has a very low salt index.
- Contains a pure form of 100% Orthophosphoric acid, virtually no heavy metals or contaminants.
- Urea, phosphoric acid, and potash are chemically reacted to form a compound that is readily absorbed by a plant. In many cases, the phosphate contained is 4 times more readily available than conventional polyphosphate sources.
- It is non-phytotoxic.
- It is very stable - will store for a long period of time.
- Most important, it is very economical.
- Best applied as a liquid starter fertilizer or in drip irrigation systems.
- Can be applied in or near the seed furrow at planting.
- Can be applied over the row at or near planting.
- Can be applied over the top of growing plants during the growing season.

### Directions for Use

#### Soil Application Rates:

**Row Crops:** When used alone, use up to 5 gallons per acre prior to planting 2- 4 inches directly below the seed drill. Three gallons of **Matrix 9-18-9** can also be mixed with additional 10-34-0 or 11-37-0 and placed in the soil. For Tree and nut crops inject up to 30 gallons per 4-6 inches below the soil level under tree's drip line.

**Turf:** Apply **Matrix 9-18-9** through the irrigation system at a rate of 1-2 quarts per 1000 sq ft. for a total of 3-4 applications per year.

**Foliar Application Rates:** 1-2 gallons per acre, per application on row crops and up to 4 gallons per acre in a season. Apply with 10-20 gallons of water per acre. Fruit and Nut trees apply 1-2 gallons per acre in a minimum of 50 gallons of water per acre. May be applied through center pivot irrigation and drip irrigation systems.

### MIXING ORDER

1. Water
2. Potash source
3. Matrix 9-18-9
4. UN 32
5. Matrix Micronutrients

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 an officer of Seller, is authorized to make any warranty, guarantee of direction concerning this product. 2. Because of 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 is limited to replacement of product or refund of purchase price.



AG ELEMENTS LLC  
9817 Hwy 62/82  
Wolfforth, TX 79382