

10-45-10

Water-Soluble Fertilizer



15258 032117

With Fully Chelated Micronutrients

10-45-10 Water-Soluble Fertilizer GUARANTEED ANALYSIS

Total Nitrogen (N)	10.00%
8.4% Ammoniacal Nitrogen	
1.6% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	45.00%
Soluble Potash (K ₂ O).....	10.00%
Sulfur (S).....	3.50%
Boron (B).....	0.02%
Copper (Cu).....	0.05%
0.05% Chelated copper	
Iron (Fe).....	0.10%
0.10% Chelated iron	
Manganese (Mn)	0.05%
0.05% Chelated manganese	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%
0.05% Chelated zinc	

Derived from ammonium phosphate, potassium sulfate, urea, sodium borate, copper ethylenediaminetetraacetate (EDTA), iron EDTA, manganese EDTA, sodium molybdate and zinc EDTA.



KEEP OUT OF REACH OF CHILDREN WARNING

HAZARD STATEMENTS: Causes eye irritation. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS: Wash hands thoroughly after handling.

FIRST AID: 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. Call a Poison Center or doctor if you feel unwell.

GENERAL INFORMATION:

10-45-10 Water-Soluble Fertilizer is designed as a supplemental crop fertilizer and should not be used as a total regimen. Use this product to help correct nutritional deficiencies by applying as a foliar spray or through fertigation.

COMPATIBILITY AND PRECAUTIONS:

0-50-10 Water-Soluble Fertilizer may be used in combination with most pesticides, other fertilizers, and adjuvants, however: **DO NOT** use with basic metal sulfates, high-alkaline substances such as hydrated lime and lime sulfur.

DO NOT apply when plants are stressed from low-moisture.

DO NOT exceed 2 lbs. of this product per 1 gal. of finish spray.

Precaution: Using this product with copper-based fungicides may cause phytotoxicity. Check pH of spray solutions and adjust according to copper fungicide label. Spot test crop when applying chemical combinations for the first time.

MIXING: Fill tank with water to half the required volume of finished solution, then add product, any additional adjuvants, fertilizers, or pesticides. Agitate while slowly adding remaining water. Warmer water shortens dissolve times. Agitate until contents are thoroughly dissolved.

APPLICATION DIRECTIONS: For optimum results in foliar applications, use sufficient volume for thorough coverage and a surfactant to enhance nutrient uptake.

Note: 2 lbs. of this product/100 gal. of water equals 1 oz./3 gal. or 1 Tbsp/gal.

Foliar application rates based on crop:

Citrus: Up to 25 lbs./acre. Do not exceed 3 lbs./100 gal. of spray when mixed with spray oil.

Deciduous tree crops: 5 to 20 lbs./acre early in growing season when leaves have emerged, then as needed. Do not use in late season, as nitrogen in this product may delay fruit maturity and color. Do not use on Golden Delicious apples during slow drying conditions.

Row and vegetable crops: 3 to 10 lbs./acre when plants reach 3 to 4 weeks, then repeat as needed.

Greenhouse, nursery, ornamentals and lawns:

For use as a foliar spray, soil drench or watering in new plantings, apply 2 to 4 lbs. per 100 gal. of water as needed. For subsequent feedings, apply 4 to 12 oz. per 100 gal. of water.

Vine and berry crops: 5 to 20 lbs./acre in early spring or when deficiency symptoms appear, then repeat as needed.

Rates based on application method:

Dilute: Greater than 100 gal. water/acre.

Concentrate: 10 to 100 gal. water/acre.

Aerial: 5 to 20 gal./acre.

Fertigation: Apply product at rates needed to deliver desired level of nutrition. Finish applying one half hour minimum before end of irrigation cycle.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>.

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage and disposal. Store away from incompatible materials. Dispose of contents/container in accordance with local regulations.

CONDITIONS OF SALE AND WARRANTY

Chemurgic Agricultural Chemicals, Inc. warrants that this product conforms to the chemical description on the label and is reasonably suited for the purposes stated when used as recommended under normal conditions.

Unintended consequences such as crop damage or poor performance may result from factors including, but not limited to, method of application, timing, crop and soil condition, weather, and other materials present, all of which are beyond the control of **Chemurgic Agricultural Chemicals, Inc.** and Seller.

Chemurgic Agricultural Chemicals, Inc. neither makes, nor authorizes any agent or representative to make any other warranties, expressed or implied, including fitness or merchantability.

Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material.

In no case shall **Chemurgic Agricultural Chemicals, Inc.** or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product.

The foregoing is a condition of sale by **Chemurgic Agricultural Chemicals, Inc.** and is accepted as such by the Buyer.

Manufactured by
CHEMURGIC

Chemurgic Agricultural Chemicals, Inc.

P.O. Box 2106 • Turlock, CA 95381

Net Weight: 25 Lbs (11.3 Kg)