



# FERTI-GRO 10-45-10

## WATER SOLUBLE FERTILIZER WITH CHELATED MICRONUTRIENTS

GENERAL USE INFORMATION – READ ENTIRE LABEL BEFORE USING THIS PRODUCT

### GUARANTEED ANALYSIS 10-45-10

Total Nitrogen (N) . . . . .	10.00%
8.5% Ammoniacal nitrogen	
1.5% Urea nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) . . . . .	45.00%
Soluble Potash (K <sub>2</sub> 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.

*MSDS available upon request.*

*Information regarding the contents and levels of metals in this product is available by calling 520-836-7477.*

**CAUTION:**  
**KEEP OUT OF REACH OF CHILDREN**  
**HARMFUL IF SWALLOWED**

### NOTICE

**READ ENTIRE LABEL BEFORE USE, IF TERMS ARE UNACCEPTABLE RETURN AT ONCE – UNOPENED.**

Fertilizer Company of Arizona, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Fertilizer Company of Arizona, Inc. In no case shall Fertilizer Company of Arizona, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. The buyer shall assume all such risks. Fertilizer Company of Arizona, Inc. makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH CAUTIONS AND DIRECTIONS.**

### DIRECTIONS FOR USE

**CONSULT YOUR LOCAL FERTIZONA REPRESENTATIVE OR OTHER AGRICULTURAL SPECIALIST FOR SPECIFIC CROP RECOMMENDATIONS.**

**COMPATIBILITY:** FERTI-GRO 10-45-10 may be applied separately or in conjunction with most pesticides and with other fertilizers. The addition of wetting agents often enhances nutrient uptake. DO NOT use with basic metal sulfates, strongly alkaline materials (such as hydrated lime and lime sulfur), or spray oils. A compatibility test is recommended if the desired combination has not been previously used. Tank mixtures with copper based products can be phytotoxic due to increased solubility of copper. Before general applications, apply the spray solution to a small test area of the foliage to determine any undesirable phytotoxic effects.

**APPLICATIONS:** Use sufficient spray volume to insure thorough coverage and wetting needed for optimum results. Applications to actively growing plants produce the best results. Avoid foliar applications of this product when plants are suffering from moisture stress or during periods of high temperature and low humidity. Foliar applications are used as a supplemental method of feeding to help correct nutrient deficiencies and to enhance crop quality and are not intended to replace a complete fertility program.

**MIXING:** Dissolve the recommended amount of this product into approximately one half the required water. Note: 2 lbs. of this product per 100 gals. equals 1 oz./3 gal. or 1 T/1 gal. Slowly add the remaining water while maintaining constant agitation. Water quality and temperature will determine maximum solubility. Warmer water temperatures increase solubility and shorten dissolving time. As this product goes into solution, the water temperature will drop. Therefore it is important when preparing concentrated solutions to allow for this temperature drop to insure that the fertilizer is completely dissolved. DO NOT exceed 2 lbs. FERTI-GRO 10-45-10 per gallon of finish spray.

**RECOMMENDATIONS:** Unless otherwise specified, use the suggested rates in the following water volumes based on application method: *Dilute:* Greater than 100 gals. water per acre. *Concentrate:* 10-100 gals. water per acre. *Aerial:* 5-20 gals. water per acre. *Fertigation:* Apply this product at rates necessary to provide the desired levels of nutrients. Finish application at least one-half hour before end of irrigation schedule.

FERTI-GRO 10-45-10 is recommended for use on (but not limited to) the following crops. Rates other than those suggested below may be applied depending on crop conditions and cultural practices.

**FIELD AND VEGETABLE CROPS:** (such as Alfalfa, Beans, Broccoli, Carrots, Cauliflower, Corn, Cotton, Cucumbers, Lettuce, Onions, Peas, Peppers, Sorghum, Sugarbeets, Tomatoes and Wheat): Apply 3-10 lbs. per acre when plants are 3 to 4 weeks old and repeat at 7 to 10 day intervals as needed.

**FRUIT AND NUT CROPS:** (such as Almonds, Apples, Apricots, Avocados, Cherries, Citrus, Nectarines, Peaches, Pears, Pecans, Plums, Prunes and Walnuts): Apply 5-20 lbs. per acre early in the growing season when leaves have emerged and repeat when deficiency symptoms appear or when tissue analysis indicates. Do not use in late season sprays where fruit color and maturity is delayed by nitrogen applications. Do not use on Golden Delicious apples during slow drying conditions.

**VINE AND BERRY CROPS:** (such as Bushberries, Caneberries, Grapes, Hops and Strawberries): Apply 5-10 lbs. per acre in early spring or when deficiency symptoms first appear. Three to four applications may be made during the season.

**NURSERY, GREENHOUSE, TURF AND LANDSCAPE PLANTINGS:** For general use as a foliar spray, soil drench or transplant solution, apply 2-4 lbs. per 100 gals. of water as needed. For constant feeding, apply 4-12 oz. per 100 gals. of water. For Greens and Tee Boxes, apply 1-2 oz. per 1000 ft<sup>2</sup> with minimum 50 gals./acre of water.

Distributed By:

**FERTILIZER COMPANY OF ARIZONA, INC.**  
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(520) 836-7477

**NET WEIGHT: 25 LBS./11.34 KGS.**