



## Professional Water Soluble Fertilizer

# 10-30-20

## Bloom Boost Plus

### PRODUCT DESCRIPTION:

The ideal 1:3:2 blend to accelerate bud formation and development, and promote vigorous bloom. Fortified with Magnesium to promote green foliage, Phosphate and Potash to stimulate root growth and improve overall plant health, and micronutrients to ensure healthy crops and increased yields.

### GUARANTEED ANALYSIS:

Total Nitrogen (N) .....	10%
5% Ammoniacal Nitrogen (NH <sub>4</sub> )	
5% Nitrate Nitrogen (NO <sub>3</sub> )	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	30%
Soluble Potash (K <sub>2</sub> O) .....	20%
Magnesium (Mg) .....	1.0%
1.0% Water-Soluble Magnesium (Mg)	
Sulfur (S) Combined .....	1.35%
Boron (B) .....	0.01%
Copper (Cu) .....	0.02%
0.02% Chelated Copper (Cu)	
Iron (Fe) .....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.0009%
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

### DERIVED FROM:

Potassium Nitrate, Ammonium Phosphate, Potassium Phosphate, Magnesium Sulfate, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate.

**POTENTIAL ACIDITY:** 360 lbs calcium carbonate equivalent per ton.

**SOLUBILITY (max.):** 3 lbs per gallon. Hot water and agitation improve solubility.

### USE SUGGESTIONS:

**10-30-20 Bloom Boost Plus** is a premium grade, water-soluble fertilizer that can be applied as a foliar spray, soil drench, in continuous feed soilless applications, or injector ratio feeders. It is safe on all plants when used as directed.

#### GENERAL FOLIAR USE:

Spray 5 to 10 lbs per acre, dissolved into 100 gallons of water, as a foliar application to supplement nutrients available from fertilizers applied to soil.

**Aerial Application:** Can be mixed at rate of 1 pound per gallon of water per acre.

**Backpack Sprayer:** 1 TBSP per gallon.  
1 TBSP per gallon = 3 lb per 100 gallons.

**Mixing:** Add to mix or spray tank when it is about half full then continue to fill.

**Caution:** Do not apply to drought stressed plants or during hot, high light conditions or when plants are wilting. Do not use with highly alkaline sprays, dormant oils, dinitro compounds, or lime-sulfur mixtures.

#### CONSTANT FEED PROGRAM:

**Flowering Plants and Foliage Crops-** For 100 ppm N with a 1:100 injector ratio, dissolve 13 oz. per gal. of water. Double the rate to 27 oz. per gal for 200 ppm N.

**Plugs and Bedding Plants-** For 50 ppm N with a 1:100 injector ratio, dissolve 7 oz. per gal.

*1 lb. of 10-30-20 in 100 gal = 120 ppm N*

**TURF:** For a ¼ lb N, dissolve approx. 100 lbs in 400 gals. and apply to greens, fairways, and tee boxes every 7 days. 100 lbs in 400 gals should cover approx. 3 acres.

**Row Crops: Peanuts, Field Corn, Soybeans, Cotton, Sweet Potatoes, Beets.** Use 5 to 10 lbs per 100 gal per acre applied as a foliar spray. One to five applications depending on crop and season.

**Cotton:** Use 10 - 15 lbs per acre foliar applied at one week intervals after first bloom.

**Pasture:** 10-12 lbs per acre as needed.

**Hayfield:** 12 lbs per acre every 2 weeks.

**Fruit Trees (Apples, Pears, Plums, Nectarines, Apricots, Cherries, Citrus):** Use 2 lbs per 100 gallons of water when applying in dilute foliar sprays or 5 to 10 lbs per acre when applying with concentrate sprayers. Apply early in the growing season and whenever supplemental feeding is required to improve fruit or nut set, and tree growth. Make 3 to 5 applications during season, but avoid late season sprays if

fruit color or maturity is delayed by nitrogen application.

**Tomatoes, Peppers, Melons, Squash, Broccoli, Cabbage, Kale and Spinach:** Use 5 to 10 lbs per acre. First apply when plants are 3 - 4 weeks old. Repeat at 7 to 10 day intervals. Use 3 to 6 applications per season depending on weather conditions.

**Transplanting:** For most crops dissolve 5 lbs in 100 gallons of water. Use 200 to 300 gallons per acre applied to the soil (a cup of solution per plant).

**Vegetable Seedlings:** For most mature seedlings with expanded true leaves (Stage 3) and bedding plants, feed at 100 to 200 ppm N with constant liquid feeding to the soil.

**Fertigation:** Injection of a fertilizer solution through the irrigation system which will provide nutrients during the irrigation cycle. The recommended feeding rate is 100 to 200 ppm (N) nitrogen, depending on desired response. Adjust nitrogen ppm levels accordingly.

Oz/gal	ppm N	EC (mS/cm)
0.07	50	0.5
0.13	100	1.0
0.20	150	1.5
0.27	200	2.0

**Warranty:** Warranty of this product implied, is limited to the guaranteed analysis on this label, in as much as misuse is beyond sellers control. Likewise, seller is not liable for any injury to living things, crops, soils, or materials which may result from the use of this product.

**FOR PROFESSIONAL USE ONLY.**

**KEEP OUT OF REACH OF CHILDREN.**

**SAFETY INSTRUCTIONS:**

For additional information, see Safety Data Sheet (SDS) for this product

MANUFACTURED For:  
Diamond R Fertilizer, Inc.  
4100 Glades Cut-Off Rd.  
Ft. Pierce, FL 34981  
Phone: 772.464.9300  
**F1573**

**Net Weight: 25 lbs (11.35 kg)**