

# 20 - 20 - 20

## Multi - Purpose

### Professional Water Soluble Plant Food

#### Guaranteed Analysis

Total Nitrogen(N) .....	20%
5.50% Nitrate Nitrogen	
3.65% Ammoniacal Nitrogen	
10.85% Urea Nitrogen	
Available Phosphate (P2O5) .....	20%
Soluble Potash (K2O) .....	20%
Magnesium (Mg) .....	0.05%
0.05% Water Soluble (Mg)	
Sulfur (S) Combined .....	0.06%
Boron (B) .....	0.02%
Copper (Cu) .....	0.05%
0.05% Chelated (Cu)	
Iron (Fe) .....	0.10%
0.10% Chelated (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated (Mn)	
Molybdenum (Mo) .....	0.0005%
Zinc (Zn) .....	0.05%
0.05% Chelated (Zn)	

Derived from: Potassium Nitrate, Potassium Phosphate, Urea, Ammonium Phosphate, Boric Acid, Copper EDTA, Iron EDTA, Manganese Sulfate, Manganese EDTA, Sodium Molybdate, and Zinc EDTA.

Maximum Solubility = 3 lbs. per gal. The use of hot/warm water, along with agitation will increase solubility.

Potential acidity = 580 lbs. Calcium Carbonate per ton.

Conductivity of 100 ppm N = 0.40 mmhos/cm

150 ppm N = 0.60 mmhos/cm

200 ppm N = 0.80 mmhos/cm

**NET WEIGHT: 25 LBS.**

***P.F.I. 20-20-20 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.***

***P.F.I. 20-20-20 water soluble fertilizer is fortified with the essential micronutrients to ensure healthy crops and increased yields, and is safe on all plants when used as directed.***



**Warning**



**Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. Causes eye irritation. Harmful to Aquatic Life.**

#### Precautionary Statements:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/ eye protection. If exposed or concerned, get medical advice/attention. IF ON SKIN; Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. IN IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Avoid release into the environment. Dispose of contents/container according to local/state/federal regulations.

Manufactured by: Plant Foods, Inc.  
PO Box 1089 Vero Beach, FL 32967

**GENERAL DIRECTIONS FOR USE:** Dissolve 5-10 lbs. of concentrate per 100 gallons. 5-10 lbs. per 100 gallons will cover 1 acre. For Aerial application, dissolve at a rate as low as 4 - 5 lbs. per 2 gallons of water.

CONVERSIONS: 5 LBS. PER ACRE = 5 KILOS PER HECTARE. ONE LB. = 2 CUPS. ONE OZ. = 2 TBSP.

#### DIRECTIONS FOR USE ON SPECIFIC CROPS:

TURF: Use a 1/4 lb. (N) per 1000 sq. ft. every 7-10 day. Rates and amount of water will depend on soil moisture, turf variety, and weather conditions. More frequent applications may be necessary to achieve desired color and/or growth. GREENS & TEES: Apply once a week. FAIRWAYS: Apply once every 3-4 weeks. GREENHOUSE / NURSERY: 5-10 lbs. per 100 gal. of water per acre on plants trees, shrubs, and flowers. \*\*NOTE\*\* For Transplant slurry, add 1/4 lb. per 3 gal.

bucket of puddled soil.

TOMATOES, CUCUMBERS, MELONS, SQUASH, PEPPERS, CAULIFLOWER KALE, AND SPINACH, ONIONS, SWEET CORN, PEAS, BEANS, LENTILS, BROCCOLI, POTATOES: Use 5-10 lbs. per 100 gal. of water per acre at 7 day intervals depending on weather conditions and crop growth.

APPLES, PLUMS, PEARS, PEACHES, APRICOTS, CHERRIES, CITRUS, FIGS, MANGOES, AVOCADOS, PAPAYA, CHESTNUTS, KIWI, FILBERTS, ALMONDS, WALNUTS, PECANS, MACADAMIA: Use 2 lbs. in a dilute spray or 5 lb.s in a concentrated spray per 100 gal. water per acre and apply early in the growing season and whenever supplementary feeding are necessary to improve fruit set.

STRAWBERRIES: Use 5-10 lbs. per acre when first fruit buds show in crown. 3-5 applications may be needed through the growing season at 7 day intervals.

BLUEBERRIES, RASPBERRIES, GRAPES, BLACKBERRIES: use 5-10 lbs. per acre early in the season and whenever it's necessary to improve vine growth

CAUTION: Where fruit color and maturity is delayed by Nitrogen application, DO NOT use within 60 days of ripening.

ROW CROPS: Use 5-10 lbs. per 100 gals. per acre. 1-5 applications may be necessary depending on crop growth and weather conditions.

NOTE: These rates may or may not meet the growers and or crops needs. Weather conditions, air temp., soil temp., and water pH will affect a grower's rates and fertilizer requirements.

#### Notice:

Seller warrants that the product conforms to it's chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions or use. Since weather, crop, soil, and other conditions may vary, Plant Foods, Inc. and the seller make NO WARRANTY of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use and handling whether or not in accordance with directions or suggestions for use.

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