

S A SOUTHERN
5 0 AG®

PowerPak

20-20-20

SOLUBLE FERTILIZER WITH MINOR ELEMENTS
FOR USE ON ORNAMENTALS, SHRUBS, TREES, LAWNS, HOUSE
PLANTS, TOBACCO, AND VEGETABLES.

For Flowers, Roses, Vegetables, Shrubs, Trees, Lawns and Houseplants.
Provides essential nutrients for larger plants
and more Blooms, Fuits and Vegetables

GUARANTEED ANALYSIS:	BY WT.
TOTAL NITROGEN (N)	20.00%
6.00% Ammoniacal Nitrogen	
5.98% Nitrate Nitrogen	
8.02% Urea Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)	20.00%
SOLUBLE POTASH (K ₂ O)	20.00%
Chlorine - not more than 1.00%	
Boron as B	0.02%
Copper as Cu (Chelated)	0.05%
Iron as Fe (Chelated)	0.10%
Manganese as Mn (Chelated)	0.05%
Molybdenum as Mo	0.0005%
Zinc as Zn (Chelated)	0.05%

DERIVED FROM: Potassium Nitrate, Monoammonium Phosphate, Diammonium Phosphate, Urea, Ferric Sodium EDTA, Zinc Disodium EDTA, Manganous Disodium EDTA, Cupric Disodium EDTA, Sodium Borate, Sodium Molybdate, EDTA-Ethylenediaminetetraacetate **ARTIFICIALLY COLORED**



Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or stree, back onto your lawn/garden.

CAUTION: KEEP OUT OF REACH OF CHILDREN.
MAY BE HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES.

Guaranteed By: **Southern Agricultural Insecticides, Inc.**

P.O. BOX 218
Palmetto, FL 34220

P.O. BOX 429
Hendersonville, NC 28793

P.O. BOX 85
Boone, NC 28607

F 672 J6

20-20-20 SOLUBLE FERTILIZER

DIRECTIONS FOR USE

SPRAY APPLICATION: On Vegetables, Tobacco, Ornamentals, House Plants, Shrubs and Trees. Use 5 lbs. per 100 gallons of water (2 TBS. per gallon). Apply as a full volume spray.

Repeat at 7 to 10 day intervals as needed.

DRENCH APPLICATION: On plant beds and potted plants, use 2 lbs. per 100 gallons of water (2 tsp. per gallon). Apply at the rate of 1 quart per square foot or 100 gallons per 400 square feet. Repeat treatment every 1-3 weeks as needed.

CONSTANT FEED: Fertilizer applications with every watering (3 or more times per week). Use at the rate of 100-200 ppm nitrogen, 6 3/4 oz. to 13 1/2 ozs. per 100 gallons. Water with approximately 1-2 quarts per square foot or 100-200 gallons per 400 square feet (4/10 - 8/10 in. of water). Where injector systems are used, the following table may be used to determine the amount of fertilizer to use in concentrate tank. When constant feeding, it is often desirable to leach potted and benched plants about once a week in order to avoid excessive fertilizer build up, particularly on the soil surface. NOTE: Indicated rates are intended as a guide for initial applications. Experience with the particular crop and frequent soil testing are best guides to proper fertilization.

FINAL CONC. N in ppm	<u>OUNCES BY WEIGHT PER GALLON OF CONCENTRATE</u>				
	INJECTOR RATIOS				
	1:50	1:100	1:128	1:150	1:200
50 ppm	1.69	3.38	4.32	5.06	6.75
75 ppm	2.53	5.06	6.48	7.59	10.13
100 ppm	3.38	6.75	8.64	10.13	13.50
125 ppm	4.22	8.44	10.80	12.66	16.88
150 ppm	5.06	10.13	12.96	15.19	20.25
175 ppm	5.90	11.81	15.12	17.72	23.63
200 ppm	6.75	13.50	17.28	20.25	27.00

NOTE: Do not apply with hose-end sprayers or injection ratio feeders without using a proper anti-backflow device.

LAWNS AND TURF GRASS: May be used as a supplement to regular fertilization when quick response and greening are needed. Use at the rate of 1 lb. per 10 gallons of water per 1,000 square feet. Apply monthly or as needed.

TRANSPLANT SOLUTION: For use on tobacco, vegetables such as tomato, lettuce, cabbage, cauliflower, eggplant and peppers. In general, use 3 lbs. per 100 gallons of solution (1 1/2 TBS. per gallon). Pour around plant using 1/2 to 1 pint of solution per plant. Some plants such as tobacco may be sensitive to excess amounts of fertilizer and it is best to use the low rate of 1 lb. per 100 gallons initially and check plant response. If experience dictates, up to the 3 lb. rate may be used.

This material is compatible with most insecticides and fungicides which are not highly alkaline such as Bordeaux Mixture or Lime. If compatibility is not known, test on small area before use.

Timing, method and rates of application, differences in plant varieties, growing conditions and other influencing factors are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions for use and precautionary Statements on this label.

APPROXIMATE VOLUME EQUIVALENTS: 1 LB. = 2 CUPS

1/2 LB. = 1 CUP 1 oz. by weight = 1 oz. by volume (2 TBS.)

LOT NO.



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