

General Purpose

20-20-20 PLUS TRACE ELEMENTS

This all water soluble fertilizer is specially formulated as a general purpose feed for use on ornamental plants, small shrubs, fruits and vegetables, and other intensely cultivated crops. It is formulated to provide both major and minor elements. It will provide immediate but gentle nourishment in a form of application that can overcome and bypass other nutrient complications due to soil problems. Because amounts applied are tuned to the plants immediate needs the grower retains better control of his crop's nutrition. May be applied in solution by irrigation or any conventional ground rig, by an injector/proportioner through sprinkler systems, and may be applied in combination with most water based insecticides, herbicides and fungicides. Avoid applications during peak sunlight hours. Increase the amount of water used to dilute the fertilizer when soil moisture is low. Increase concentrations when soil moisture is high. Use caution when concentration is 1 lb. or more per 5 gallons of water.

In general this product has shown to be most effective when used as a supplement to a regular soil fertility program by using a rate of 5 to 10 lbs per acre to a maximum of 25 lbs per acre dissolved in a convenient amount of water to achieve even coverage as a foliar spray. Application by aircraft can be at the rate of 1 lb per gallon of water. For low volume direct application tank type sprayers use a rate of one tablespoon per gallon of water. See specific crop recommendations below for application timing.

For Continuous Liquid Feeding
GUARANTEED ANALYSIS

Total Nitrogen (N)	20%
2.09% Ammoniacal Nitrogen	
4.11% Nitrate Nitrogen	
13.80% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	20%
Soluble Potash (K ₂ O)	20%
Magnesium (Mg)	0.10%
0.10% Water Soluble Magnesium (Mg)	
Sulfur (S)	0.14%
0.14% Combined Sulfur (S)	
Boron (B)	0.02%
Copper (Cu)	0.02%
0.02% Chelated Copper (Cu)	
Iron (Fe)	0.05%
0.05% Chelated Iron (Fe)	
Manganese (Mn)	0.02%
0.02% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0009%
Zinc (Zn)	0.02%
0.02% Chelated Zinc (Zn)	

Tree crops: Apples, peaches, pears, citrus, cherry, plums, kiwi, mango, papaya, tree nuts, etc. Use as above by the acre or at the rate of 2 lbs per 100 gallons of water for direct application. Apply early in the growing season with 3 to 5 repeat applications depending on crop response. Do not use this formula for late season applications on nitrogen sensitive crops.

Row crops: corn, soybeans, peanuts, beets, sweet potatoes, pineapples, etc. Use as above by the acre with up to five applications during the growing season.

Berries: strawberries, blueberries, raspberries, cranberries, etc. Use as above by the acre with up to five applications during the growing season. Do not use for late season applications.

Forage crops: alfalfa, clover, hay, etc: Use as above by the acre with repeat applications as frequently as every 7 to 10 days during the growing season.

Derived from Monoammonium Phosphate, Potassium Nitrate, Monopotassium Phosphate, Urea, Magnesium Sulfate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential acidity equivalent to 535 lbs. Calcium Carbonate per ton.

CAUTION: This product is to be used on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals.

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

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MIXING RATE FOR VARIOUS PPM NITROGEN

Parts Per Million		50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate							
Injector Ratios	1:15	0.50	1.00	1.50	2.00	3.00	4.00
	1:50	1.67	3.33	5.00	6.66	10.00	13.33
	1:100	3.33	6.66	10.00	13.33	19.99	26.66
	1:200	6.66	13.33	19.99	26.66	39.98	53.31
	1:300	10.00	19.99	29.99	39.98	*	*
EC (+/- 10%) mmhos/cm		.21	.42	.62	.82	1.23	1.64

*Maximum solubility approx. 3 lbs 8 ozs. per gallon.



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