

MENDOCINO

PRODUCER'S CHOICE



INDOOR/OUTDOOR

5-10-40

BLOOM BLAST



- **N to K₂O ratio ideal for full production cycle Bloom Finisher**
- **Excellent for geraniums, mums and other pot plants**
- **High K promotes strong stems and quality blooms**

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For Continuous Feed Programs

Dissolve plant food in water before using. May be pre-dissolved in a small amount of water prior to adding to nutrient reservoir or added directly to nutrient reservoir equipped with agitator.

Formula is designed to be slightly acidic to maintain micronutrient availability. We recommend the pH of the nutrient working solution be maintained between pH 6.2-6.7 with the use of pH Up or pH Down adjusting solution.

MAINTENANCE OF RESERVOIR

To prevent buildup of salts and minerals, drain and rinse reservoir and growing media with fresh water once every two weeks.

Seedings: Reduce plant food dosage by 50%.

Young Plants: Young plants will tend to grow vegetatively with full strength solutions, therefore it is recommended to start with 1/2 strength and gradually increase to full strength by mid-crop or as needed.

Peak Growth Period: During periods of bud swell or heavy fruit loading, some plants (e.g., tomatoes, melons, cucumber) may require additional calcium or magnesium. Grow More, Inc. offers several Cal-Mag formulas. Consult with qualified crop advisor for recommendation.

Optimum Level: Calcium 50-60 ppm (mg/L)
Magnesium 12-14 ppm (mg/L)

1-oz Calcium Nitrate per 100 gals. water provides:
14 ppm Calcium
11 ppm Nitrogen

2-ozs. Magnesium Sulfate per 100 gals. water provides:
14 ppm Magnesium

AEROPONIC - HYDROPONIC SYSTEMS

Suggestions for Commercial Grower

Can be added to base nutrient solutions to boost supply of specific nutrients at critical stages of growth or can be used by itself as nutrient solution.

CROP TYPE	ppm Nitrogen	
	INTERMITTENT FEEDING	CONSTANT FEEDING
Seedings (Plugs)	50	N/R
Indoor Potted Flower Mums, Lilies, Geranium	100	25
Cut Flowers	100	25
Outdoor Potted Foliage	100	25
Outdoor Woody Plants	100	25

EC (mmhos) at 100 ppm Nitrogen = 2.0

Note: One 100 ppm nitrogen application supplies 88 ppm phosphorus and 667 ppm potassium.

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GUARANTEED ANALYSIS

Total Nitrogen (N)	5.00%	Copper (Cu)	0.05%
0.50% Ammoniacal Nitrogen		0.05% Chelated Copper	
4.50% Nitrate Nitrogen		Iron (Fe)	0.10%
Available Phosphate (P205)	10.00%	0.10% Chelated Iron	
Soluble Potash (K2O)	40.00%	Manganese (Mn)	0.05%
Calcium (Ca)	0.10%	0.05% Chelated Manganese	
0.10% Chelated Calcium		Molybdenum (Mo)	0.0005%
Magnesium (Mg)	0.40%	Zinc (Zn)	0.05%
Sulfur (S)	1.0%	0.05% Chelated Zinc	
Boron (B)	0.02%		

Plant nutrients derived from: Potassium Phosphate, Potassium Sulfate, Boric Acid Ammonium, Molybdate, Magnesium Sulfate, Copper from Copper Ethylenediaminetetraacetic Acid (EDTA), Iron from Iron EDTA, Manganese from Manganese EDTA, Zinc from Zinc EDTA, Calcium from Calcium EDTA.

ORGANIC SOILS, SOILLESS MIXES - ROOT FEEDING

Apply in drip system, injectors, hose end applicator to base of plant. For roses, flowering plants, herb gardens, tomato, vegetable, apply enough solution to cause drainage from the container. Feeding rates can be adjusted up or down depending on plant response, temperatures, light conditions. High temperatures, more intense light conditions result in faster growth and higher fertilizer needs. Do not apply to plants under moisture stress, water plants the day before applying fertilizer.

	5% Nitrogen Formula	Feeding Schedule
	Intermittent 7-14 day interval	Constant every watering
Indoor Container	15.2 grams per gallon 200 ppm	3.8 grams per gallon 50 ppm
Outdoor Container	7.6 grams per gallon 100 ppm	1.9 grams per gallon 25 ppm

Hand Feeding: Use 1 Tbsp. (14 grams) per gallon of water. Apply approx. 1/2 gallon solution per plant or 1 gallon per 6 sq. ft.

Foliage Spray: Not recommended for foliar application, unless you are an experienced grower.

Injector Ratio	Intermittent 100 ppm N	Constant 25 ppm N
1:16	4.3 oz. per gallon 122 grams	1.1 oz. per gallon 31 grams
1:100	26.8 oz. per gallon 808 grams	6.7 oz. per gallon 190 grams

CAUTION: KEEP OUT OF REACH OF CHILDREN

The Seller hereby represents and warrants that the fertilizer shall be manufactured and shipped to purchaser in a form suitable for application to plants, trees and other agricultural crops and hereby further represents and warrants that the fertilizer product shall meet the guaranteed minimum analysis as set forth on the product's identity label. However, this warranty does not extend to the use of this product contrary to label's instructions and the buyer assumes the risk of any such use.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects and other reproductive harm.

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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Manufactured by

GROW-MORE
15600 New Century Drive • Gardena, CA 90248
visit us at www.GrowMore.com

Net. Wt.: 25 Lbs. (11.3398 Kg)