

# MENDOCINO

PRODUCER'S CHOICE



INDOOR/OUTDOOR

10-52-10

PLANT STARTER



- High phosphate level stimulates rapid root growth and profuse flowering
- Beneficial effects when soil temperatures are low
- Ideal for transplants
- Organic compatible

# MENDOCINO

PRODUCER'S CHOICE

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	25
Indoor Potted Flower Mums, Lilies, Geranium	50-100	25-50
Cut Flowers	100	-
Outdoor Potted Foliage	200	-
Outdoor Woody Plants	200	-

EC (mmhos) at 100 ppm Nitrogen = 0.88

Note: This formula should be rotated with lower phosphate fertilizer. One 200 ppm nitrogen application supplies 456 ppm phosphorus.

## 10-52-10 PLANT STARTER

### GUARANTEED ANALYSIS

Total Nitrogen (N)	10.00%	Copper (Cu)	0.05%
7.30% Ammoniacal Nitrogen		0.05% Chelated Copper	
2.70% Soluble Organic Nitrogen		Iron (Fe)	0.10%
Available Phosphate (P2O5)	52.00%	0.10% Chelated Iron	
Soluble Potash (K2O)	10.00%	Manganese (Mn)	0.05%
Calcium (Ca)	0.05%	0.05% Chelated Manganese	
0.05% Chelated Calcium		Molybdenum (Mo)	0.0005%
Magnesium (Mg)	0.05%	Zinc (Zn)	0.05%
0.05% Chelated Magnesium		0.05% Chelated Zinc	
Boron (B)	0.02%		

Plant nutrients derived from: Ammonium Phosphate, Potassium Phosphate, Potassium Citrate, Boron from Boric Acid, Molybdenum from Ammonium Molybdate, Calcium from Calcium Ethylenediamine-tetraacetic Acid (EDTA), Magnesium for Magnesium EDTA, Copper from Copper EDTA, Iron from Iron EDTA, Manganese from Manganese EDTA, Zinc from Zinc 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.

	10% Nitrogen Formula	Feeding Schedule
	Intermittent 7-14 day interval	Constant every watering
Outdoor Container	7.5 grams per gallon 200 ppm N	2 grams per gallon 50 ppm N
Indoor Container	11.5 grams per gallon 300 ppm N	5 grams per gallon 130 ppm N

**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	2.15 oz. per gallon 61 grams	0.52 oz. per gallon 15 grams
1:100	13.4 oz. per gallon 350 grams	3.25 oz. per gallon 92 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>

**MENDOCINO**  
PRODUCER'S CHOICE  
Manufactured by

**GROW-MORE**  
15600 New Century Drive • Gardena, CA 90248  
visit us at [www.GrowMore.com](http://www.GrowMore.com)

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