PLANT AGRA™

Gives Your Plants The Boost To Produce

GUARANTEED ANALYSIS

Total Nitrogen (N)	16%
3.82% Ammoniacal Nitrogen	
12.18% Nitrate Nitrogen	
Available Phosphate (P_2O_5)	4%
Soluble Potash (K_2O)	13%
Calcium (Ca)	4%
Magnesium (Mg), Total	2%
2% Water Soluble Magnesium (Mg)	
Boron (B)	0.01%
Copper (Cu)	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05 Water Soluble Manganese (Mn)	
Molybdenum (MO)	0.007%
Zinc (Zn)	0.05%
0.05% Water Soluble Zinc (Zn)	

Water Soluble Fertilizer

16-4-13/Ca-Mg
TOBACCO FLOAT HOUSE COMPLETE

DERIVED FROM: Ammonium Nitrate, Potassium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Iron EDTA, Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Ammonium Molybdate and Boric Acid.

Potentially Neutral Formula

Nitrates, Inorganic
N.O.S. UNI477

USER SUGGESTIONS: Refer to enclosed recommendations.

CAUTION — This product contains BORON and MOLYBDENUM. Determine plant sensitivity prior to use. Plants containing excess MOLYBDENUM are toxic to livestock. Crops sensitive to either or both of these two elements may be injured.

KEEP OUT OF REACH OF CHILDREN
CAUTION

Two-Way
Trading Co., Inc.

Net Weight: 25 lbs (11.35 kg)

TOBACCO
FLOAT HOUSE
FERTILIZER

SUGGESTED DIRECTIONS

TOBACCO GREENHOUSE PRODUCTION:

(Float Systems)

1: Figure volume of water in bed by using the following formula: Length (feet) x Width (feet) x Depth (feet) x 7.48 gallons per cubic foot

2. Determine ppm desired to grow utilizing the following chart to achieve this level:

PPM*	Ounces of 16-4-13 per 100 gallons
250	20.83
200	16.67
150	12.50
125	10.4
100	8.33
50	4.17

3. If using an injector, refer to injector dilution table on enclosed insert.

4. Overhead Watering Systems: Use injector dilution table if using an injector. If utilizing a storage tank for irrigation of solution, determine volume of water in 100 gallon increments and follow chart listed under float systems.

*Our normal recommendation is between 125-150 ppm Nitrogen on a constant basis.

WARNING

The nature of this product having a high content of nitrate fertilizer will tend to liquefy when in contact with high humidity. Use within 90 days of purchase. Liquefied product can be mixed immediately at 1 lb. product to 1 gallon water to be stored for later use.

PLANT AGRA

Gives Your Plants The Boost To Produce

16-4-13/Ca-Mg
TOBACCO FLOAT HOUSE COMPLETE

(For Continuous Liquid Feed Programs)

	Parts Per Million						
Nitrogen	25	50	75	100	200	300	400
Calcium	6.25	12.5	18.75	25	50	75	100
Magnesium	3.125	6.25	9.375	12.5	25	37.5	50
Injector Dilution Ratio	Ounces Per Gallon Of Concentrate To Achieve PPM*						
1:300	6.25	12.5	18.75	25	50	*	*
1:200	4.17	8.33	12.51	16.67	33.34	*	*
1:100	2.08	4.17	6.24	8.33	16.67	25	33.32

*Limit of solubility 3.0 lbs (48 oz.)/gallon

*When making a tank volume of final solution equal to 100, 200 or 300 gallons of water, add the amount of fertilizer listed under ppm.

In the case of 300 ppm N, add 50 oz. (3.12 lbs) for 200 gallons and 75 oz. (4.69 lbs) for 300 gallons of water.

In the case of 400 ppm N, add 66.5 oz. (4.15 lbs) for 200 gallons and 99.9 oz. (6.24 lbs) for 300 gallons of water.

SUGGESTED DIRECTIONS

TOBACCO GREENHOUSE PRODUCTION: (Float Systems)

1. Figure volume of water in bed by using the following formula:
   Length (feet) x Width (feet) x Depth (feet) x 7.48 gallons per cubic foot.
2. Determine ppm desired to grow utilizing the following chart to achieve this level:

PPM*	Ounces of Plant Agra 16-4-13 per 100 gallons
250	20.83
200	16.67
150	12.50
125	10.4
100	8.33
50	4.17

3. If using an injector, refer to injector dilution table above.
4. Overhead Watering Systems: Use injector dilution table if using an injector. If utilizing a storage tank for irrigation of solution, determine volume of water in 100 gallon increments and follow chart listed under float systems.
   *Our normal recommendation is between 125-150 ppm Nitrogen on a constant basis.

FRUIT AND VEGETABLE CROPS:

Use at the rate of 3 to 5 lbs. per acre per day for supplemental feeding through drip irrigation. Applications should be dependent on crop type, stage in cropping period, soil type, and crop fertilization practices.

FOLIAR APPLICATIONS (ALL CROPS)

Apply **Plant Agra 16-4-13/Ca-Mg** at 2 to 6 lbs. per acre to supplement nutritional crop requirements. Do not apply in concentrations greater than 2 lbs. in 25 gallons of water.

STORAGE CAUTION

Plant Agra 16-4-13/Ca-Mg is extremely hygroscopic, and will pick up moisture. **Plant Agra 16-4-13/Ca-Mg** should be stored in a dry area away from other materials which might be hygroscopic. Two-Way Trading Co., Inc. will not be responsible for damage to **Plant Agra 16-4-13/Ca-Mg** once it is signed for and in the possession of the distributor or producer.

WARNING: MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION.

- Avoid Contact with Eyes, Skin, and Clothing
- Wash Thoroughly After Handling
- Avoid Breathing Dust
- Do Not Swallow

FIRST AID

IN CASE OF CONTACT: IMMEDIATELY FLUSH SKIN WITH WATER. IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. WASH CLOTHING BEFORE REUSE.

SPILLS AND DISPOSAL

If spilled, absorb with an inert noncombustible material, and remove for disposal. Dispose of all waste in accordance with applicable Government Regulations.

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm. Use this product in accordance with good agronomic practices, which include utilizing proven spray equipment set for proper coverage. Do not make applications when temperatures are too hot. Applications should be made at temperature levels and when other environmental conditions in your area are such that your experience indicates the application will be compatible and will accomplish the desired result.

The use of this material being beyond our control and involving elements of risk, to human beings, animals and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label. Information concerning the raw materials composing this product can be obtained by writing to Two-Way Trading Co., Inc., P.O. Box 8362, Dothan, Alabama 36304.