



BLOOMTASTIC 8-32-5

FLOWERING FINISHER, PLANT STARTER & ROOT DEVELOPER

With **TIME-RELEASED METHYLENE NITROGEN PLUS MICROS**

- **No Chlorides**
- **Safe For Seedlings & Young Plants**
- **Slow Release Nitrogen**

GUARANTEED ANALYSIS:

Total Nitrogen (N)8%
 1% Urea Nitrogen
 3% Ammoniacal Nitrogen
 4% Slowly Available Water Soluble Nitrogen*
 Available Phosphate (P₂O₅)32%
 Soluble Potash (K₂O)5%
 Boron (B).0.02%
 Copper (Cu)0.05%
 0.05% Chelated Copper (Cu)
 Iron (Fe)0.1%
 0.1% Chelated Iron (Fe)
 Manganese (Mn)0.05%
 0.05% Chelated Manganese (Mn)
 Molybdenum (Mo)0.0005%
 Zinc (Zn)0.05%
 0.05% Chelated Zinc (Zn)

Derived From: Urea, Methylene Urea, Potassium Carbonate, Polyammonium Phosphate, Phosphoric Acid, Iron EDTA Chelate, Manganese EDTA Chelate, Zinc EDTA Chelate, Sodium Molybdenum, Boric Acid. Chelating Agent: EDTA
 *4% slowly available Nitrogen from Methylene Urea

Weight per gallon:11.45 lbs.
 pH 6-7
 Potential acidity equivalent to 746 lbs. Calcium Carbonate per ton.

PRODUCT DESCRIPTION:

8-32-5 is perfect as a high phosphorus plant starter. 8-32-5

- **Stimulates Abundant Blooms**
- **Complete Micro Package**
- **Safe - Low Salt Index**

is excellent for seedlings, young plants and overseeding. The solution contains 4% Time-Released nitrogen from our exclusive methylene urea. The Time-Released nitrogen helps to feed young plants consistently, avoiding flush growth which can be detrimental and contribute to disease susceptibility. Methylene urea is known to be a very consistent and reliable nitrogen source that remains present and available to your plants for a longer period of time. Methylene urea is not easily broken down, and its nitrogen will only be released by a combination of factors (heat, humidity, and microbial activity).The phosphorus and potassium are completely soluble and therefore immediately available for plant uptake. You can use less 8-32-5 than granular high phosphorus products since there is no need to wait for particle breakdown. 8-32-5 contains no chlorides, therefore making it safer to tender plants.

APPLICATION RECOMMENDATIONS:

8-32-5 needs no mixing and will not settle out of solution. Like all Growth Products, it is ideal for any type of fertigation

NURSERY APPLICATIONS		
Application	Rate	Notes
Containerized Crops, Woody Ornamentals, Flowering Ornamentals in Shadehouse or Greenhouse, Foliage, Field-Grown Nursery Stock And Trees	Foliar Spray: 1-2 quarts per 100 gal of water (1-2 L in 400 L water) Rate per Gallon: 1¼ - 2½ oz per gallon or 2½-5 tbs per gallon of water	Thoroughly spray to point of run-off. Apply every 2-4 weeks.

8-32-5 BLOOMTASTIC							
Fluid Ounces of Bloomtastic per Gallon of Stock Tank Water							
PPM Phosphorus	25	50	75	100	150	200	300
PPM Nitrogen	6	13	19	25	38	50	75
1:500	4	7	11	15	22	29	44
1:300	2	4	7	9	13	17	26
1:200	1.5	3	4	6	9	12	17
1:100	1	1.5	2	3	4	6	9
1:50	0.3	0.75	1	1.5	2	3	4
1:15 Ratio for Hozon Proportioner							
1:15	0.11	0.22	0.33	0.44	0.66	0.87	1.31

system, drip irrigation or spray equipment. Use 8-32-5 on all types of bedding plants, perennials, cut flowers, plugs, ornamentals, nursery crops, trees, foliage and container plants.

Direct Siphon: 8-32-5 can be siphoned directly from the original container. This can be done with a variable proportioner that can be set to high ratios. This eliminates the need to mix stock concentrates or stir the mixing barrels. For 100 PPM phosphorus, set injector to 1:4400; for 200 PPM, set injector to 1:2200.

Parts Per Million: Use the Parts Per Million chart to choose desired phosphorus ratio.

Foliar Feeding: When using overhead irrigation, 8-32-5 gives you dual efficiency since the nutrients will be absorbed by both the leaves and roots. For tender plants and greenhouse foliar spray applications use one-half the rate (PPM) you would normally use for drip irrigation feeding. Foliar feeding should not be used when plants are in bloom.

Hand Watering: Mix ½ to ¾ teaspoon 8-32-5 per gallon of water. Saturate soil with mix.

GREENHOUSE CROP PROGRAMS

Plant Type:	Application Rate:
Plant Starter, Seed Start, and Plug Starter	Set injector at 150 PPM of Phosphorus. (90 ml per Litre water at 1:100 ratio)
Bloom Stimulator	Foliar Spray: 1 gallon per 100 gallons water. For smaller applications, mix 1 ounce per gallon of water. (1 L per 100 L water)
Greenhouse Foliar Spray Only	Transplanting: Mix 3 oz in 2½ gallons of water (88 ml in 10 L water) Soak plug tray or foliar spray after transplanting Propagation: 1 oz in 2½ gallons of water (30 ml in 10 L water) Apply to encourage flowering and fruiting. 10-14 day intervals.

STORAGE & HANDLING:

Storage: All Growth Products horticultural fertilizers can be stored in normal warehouse areas. 8-32-5 has an acidic pH. Always store in original container and keep sealed.

Mixing: 8-32-5 is compatible with other technical chemicals including fungicides and insecticides and can be mixed and sprayed in one application.

directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

CROP RECOMMENDATIONS

Application	Rate / acre (Ha)	Frequency / Notes
All Field Crops. Setting Vegetable Plugs into Field	1 qt. - 1 gal. (2 - 9 L / Ha) 1 gallon per 100 gallons water. Apply at time of planting. (1 L per 100 L water)	Mix into planting water with 50 - 100 gal water per acre. (450 - 1,000 L water / Ha) Increases rooting and overall growth
Grapes, vine crops	1 - 2 qts / 100 gal water or ½ - 1 gal through drip system. (1-2 Liters / 400 Liters water or 5 - 9 Liters / Ha through drip system)	Apply after dormant period. Can be used for new transplants. Increases rooting and new overall growth.
Alfalfa, Hay, Forage crops	1 - 2 qts. / acre (2-4 Liters per/ Ha)	Spray every 30 to 60 days. Can be spray with low volume water of 15 - 20 gal / acre. (140 - 187 L water/ Ha) Increases stem strength.
Rice (seed and paddy) & other grain crops	3.3 fl. oz. / 5 gal water 100 ml / 20 Liters water	Apply 15 - 25 days after planting in field. Promotes rooting and seed making.
Soft Berries strawberries, blueberries, and other	32- 64 fl. oz. / 100 gal water (2 - 4 L / 400 Liter water)	Apply at time of transplant to encourage rooting and flowering.
Fruiting vegetable, tomato, peppers and other	½ - 2 gal / acre as a foliar spray. 4 ½ L - 18 liters / Ha	Apply 4 weeks prior to bloom. Increases flowering and pollination. Apply every 30 days or as needed.

CONDITION OF SALE AND WARRANTY:

Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured in the USA By:

