8-32-5 BLOOM 1

With Smart Nitrogen Plus Micros

- **Promotes Pre-Flowering, Flowering & Bud Formation**
- **Stimulates Root Development**
- **With slowly available Nitrogen**
- **Contains 6 Essential Chelated Micronutrients**
- **Produces tight, efficient growth pattern**

Guaranteed Analysis:

Total Nitrogen (N) 8%
1% Urea Nitrogen
3% Ammoniacal Nitrogen
4% Slowly Available Water Soluble Nitrogen*
Available Phosphate (P_2O_5) 32%
Soluble Potash (K_2O) 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, Ammonium Polyphosphate, Phosphoric Acid, Iron EDTA, Manganese EDTA, Zinc EDTA, Sodium Molybdate, Boric Acid. Chelating Agent: EDTA

Technical Specifications:

Weight per gallon . . . . . 11.5 lbs
Weight per liter . . . . . 1.26 kg
pH 6-7

Product Description:

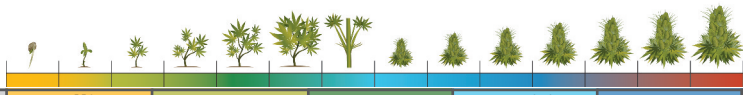
8-32-5 Bloom 1 liquid concentrate contains three essential nutrients N, P, and K that are essential for seed starting and promoting good root development of seedlings. It is also important to use at the pre-flowering & flowering stage. A completely soluble form, the concentrated phosphorous and potassium is quickly absorbed by roots and quickly promotes flowering.

Created though a proprietary manufacturing process, the unique slow release nitrogen source in 8-32-5, from methylene urea, feeds cannabis slowly & consistently, thereby dubbed the "Smart Nitrogen" choice for even feeding. When used on young plants, vegetative development will be supported with controlled release, without starving the plant's overall growth, minimizing stretching & eliciting tight, efficient growth when under lights. A full package of chelated micronutrients ensures over-all plant health & avoids deficiencies & nutritional stress. 8-32-5 has an ideal pH range of 6 – 7 to ensure steady nutrient uptake & growth.

8-32-5's true liquid solution can be soil applied with any injection or irrigation system, or as a drench or foliar spray, on leaves, for fast absorption. It can be used on soil, and soilless system & has a low salt index, reducing the potential for burn.

Cannabis Application Recommendations

Application	Rate	Frequency / Notes
Young Plants - Seedling and Clones	Mix 2.5-5 ml per gallon of water.	When seedlings or clones have their first true set of (serrated) leaves, drench trays/pots until thoroughly soaked. Repeat weekly applications.
All Strains of Cannabis Grown in Soil or Soilless Mixes, Indoors and Outdoors	Mix 5 - 10 ml per gallon water.	Begin applications at early flowering stage. Apply weekly.
	Foliar Spray: Mix 10-20 ml per gallon of water.	



8-32-5 Bloom 1	Seedlings and Clones	Transplanting	Growth Phase	Transition and Early Bloom	Full Bloom
No of Weeks			1-4	1-3	4-8
Hours of Light			18	12	12
Soil & Soilless Mixes	2.5 ml	5 ml	5-10 ml	5-10 ml	5-10 ml
Foliar Spray	-	-	10-20 ml	10-20 ml	10-20 ml

Apply weekly, amounts listed are to be added per 1 US Gallon (3.79 liters)

Foliar Applications:

Foliar feeding has many advantages, especially when applying high-grade clean-nutrient NovaGreen™ products. Fertilizers applied via foliar feeding are usually 3 to 5 times more effective than standard root fertilizers. Use NovaGreen as part of a regular regimen foliar feed that delivers nutrients via the plants stomata—microscopic openings situated in the middle of two guard cells. NovaGreen's micronutrients, when applied with foliar sprays, also make elements like iron, otherwise not available in the soil, water, or a hydroponic solution, more accessible to your plants. Foliar spraying is the fastest "route" to correcting nutrient deficiencies because of the immediate absorption that occurs through the leaves.

Cultivators can continue using NovaGreen products through the flowering stage. Here are the guidelines to follow for a healthy foliar feeding program for your cannabis plants, ultimately producing larger, better, bud-filled harvests with significantly less bud rot.

-Continue foliar feeding until 2 weeks before harvesting

-Make sure the pH for the foliar spray mix is a near neutral pH of 6.5

-If growing indoors, make sure the humidity level stays low through proper ventilation.

- Mix with adequate amount of water. For first application, test on one plant and wait 30 min before applying to entire crop.

Application & Mixing:

For use on all types of growing media such as soil, soilless mixes, coco, peat moss, and can be applied to all cannabis stains grown outdoors, indoors. Ideal for use in any spray equipment, and fertigation, irrigation, or drip systems, dilute with water prior to mixing with other technical materials. Do NOT mix concentrates together or with highly acid materials that contain phosphorous. Always fill tank ¾ full with water before adding concentrates. The pH of you tank mix solution should be in the range of 5.8-6.5.

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor if you feel unwell: Rinse mouth.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN:	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF INHALED:	Call a poison center or doctor if you feel unwell.
You may also contact 1-800-992-5994 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets. DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

Storage & Handling:

8-32-5 can be stored in normal warehouse conditions, in original container. It's not affected by freezing. Do above store above 100° F for long periods of time. Refer to SDS for additional information on storage, handling, safety, disposal and shipping.

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)

WARNING

H303 May be Harmful if Swallowed
H316 Causes Mild Skin Irritation
H320 Causes Eye Irritation
H335 May Cause Respiratory Irritation

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 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 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.

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