



SILICATE 0-2-5

7% POTASSIUM SILICATE AND 2% PHOSPHITE

- Supplies Much Needed Silica
- Boost Size, Hardiness of Buds and Glands Which Thereby Increase THC Content
- For Both Indoor and Outdoor Growers

- Improves Plant Resistance to Insects, Disease & Climatic Stress
- Stronger Stems and Branches

GUARANTEED ANALYSIS:

Available Phosphate (P_2O_5) 2%

Soluble Potash (K_2O) 5%

Derived From: Potassium Silicate, Potassium Carbonate, Potassium Phosphite, Potassium Hydroxide, Phosphoric Acid.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

2% Humic Acid (derived from Leonardite)

7% Silicon Dioxide (SiO_2) derived from Potassium Silicate

TECHNICAL SPECIFICATIONS:

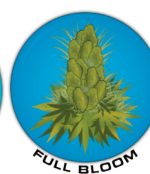
pH @ 20 deg. C 12

Weight Per Gallon 9 Lb.

PRODUCT DESCRIPTION:

NovaGreen Silicate is a 100% soluble formulation of potassium silicate and potassium phosphite. A liquid supplement, it is quickly absorbed by roots, through leaf tissue and transferred from cell-to-cell. Silica, now considered to be an essential nutrient, is important to plant growth and drastically affects plant health. Plants grown indoors, in hydroponic or soilless systems, are completely void of this important element, unless specifically added, and outdoor soil can be excessively deficient in silica.

Silicon is a vital element of epidermal cell walls and occurs predominantly as silica. Silica strengthens plant's cell walls helping it to resist insects, molds, mildew, drought, disease, heat and stress and improves the plant's leaf erectness and photosynthesis efficiency. By including NovaGreen Silicate in your program you can expect significant increases in THC, crop



Silicate 0-2-5	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	8 - 19 ml	8 - 19 ml	8 - 19 ml
Foliar Spray	10 ml	10 ml	10 ml
Hydroponic	8 ml	8 ml	8 ml

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

health, growth rates, and productivity.

THE PHOSPHITE DIFFERENCE:

NovaGreen Silicate's unique formulation also contains potassium phosphite. Phosphites improve the plant's natural immune system, Induced Systemic Resistance (ISR), against a host of environmental and other stress. It has greater solubility than phosphate (P_2O_5) materials and is more readily available for uptake. Unlike phosphates, plants easily absorb these forms of phosphite ions (H_2PO_3), which are incorporated into cells and have excellent movement in both the xylem and phloem. They move easily into leaf tissue, branches and roots. With the combination of two potassium sources, flowering, bud growth and size is increased.

APPLICATION & MIXING:

NovaGreen Silicate is used at the rate of 1% solution (1



Cannabis Application Recommendations

Application	Rate	Frequency / Notes
All Strains of Cannabis Grown in Soil or Soilless Mixes, Indoors and Outdoors	Mix 8 - 19 ml per gallon water.	Apply every 7 days throughout crop cycle, until two weeks before crop harvest.
	Foliar Spray: Mix 10 ml per gallon water.	
Hydroponics and Constant Feed	Mix 8 ml per gallon water.	Replenish every 7-10 days when water is added or changed.

gallon per 100 gallons water). It is an alkaline material with a pH of 12. Do NOT mix concentrates together or with highly acidic materials or materials that have a pH less than 7. Always fill tank ¾ full with water before adding concentrates. Application through low volume sprayers is not recommended. It's ideal for use in most spray equipment, and fertigation, irrigation, drip or hydroponics systems.

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.

STORAGE & HANDLING:

NovaGreen Silicate should be stored in normal warehouse conditions. Always store in original container and keep

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.	

tightly sealed. Do not store above 100° F for long periods of time. Do not store below 32 °F. 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

H302 Harmful if swallowed
H315 Causes Skin Irritation
H319 Causes Serious 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.

Manufactured in the USA By: 

