



NUTRITION



VerdeLNX®

**A Revolutionary Line of Plant-based
Surfactant Enhanced Nutrition**

The
Aquatrols®
Company

Achieving the “Stress Ready Plant”

VerdeLNX takes your turf nutrition to a new level of performance. The novel properties of fermented oilseed extract, combined with our newly-developed proprietary surfactant delivery technology derived from natural resources, create a synergistic effect that delivers nutrition to the plant more effectively than any other product on the market today.

The incorporation of highly concentrated proprietary fermented oilseed extract capitalizes on natural plant-to-plant interactions, providing consistent foliar and soil nutrient uptake as well as enhanced root development and turf color. This, paired with our newly developed proprietary surfactant delivery technology, delivers a maximization of both foliar absorption and root uptake of the nutrient package, while enhancing soil infiltration and ensuring uniformity of application coverage.

By providing more effective delivery of the nutrients your turf needs, VerdeLNX can help your turf become more resilient against stress and recover faster from stress events.



Benefits of Fermented Oilseed Extract

- Provides consistent foliar and soil nutrient uptake
- Enhances root development and color
- Highly concentrated, requiring a lower percentage of active ingredient

Benefits of Proprietary Surfactant Delivery Technology

- Maximizes both foliar absorption and root uptake
- Enhances soil infiltration
- Ensures uniformity of application coverage

Plant based, surfactant enhanced nutrition.



Boosted Root Biomass and Length

32% Increase in Root Development

- Increased rooting in turfgrass enhances drought tolerance, nutrient uptake, and stability.
- VerdeLNX significantly boosted root biomass and length compared to standard fertilizer. By the end of the trial, the complete fertilizer+ VerdeLNX exhibited a 32% increase in root development.
- By promoting a more robust root system, VerdeLNX can enhance turfgrass resilience to environmental stresses and improve overall performance.



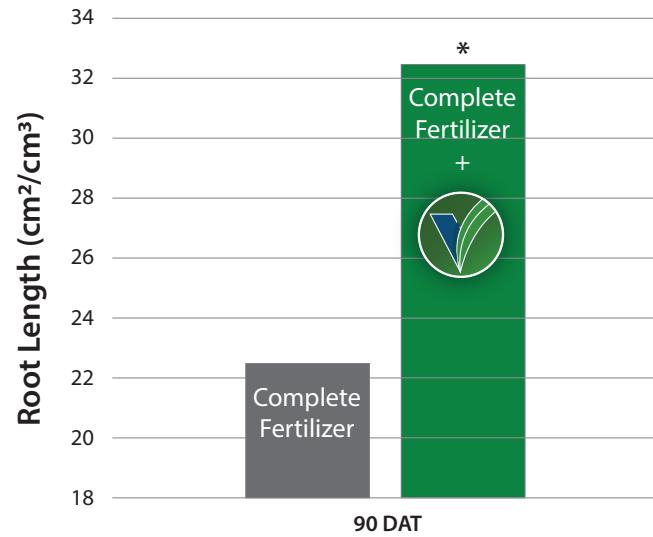
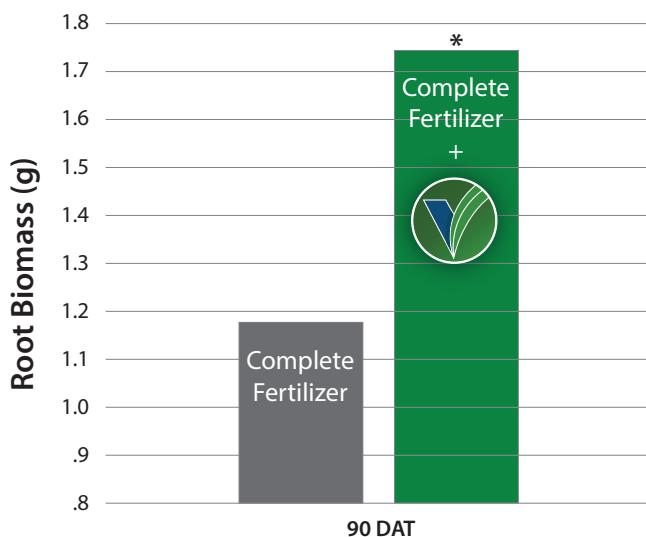
Complete Fertilizer



Complete Fertilizer +



Statistically significant Increases in Root Biomass and Root Length





GRN Sward is a premium fertilizer formulated with a precise ratio of nitrogen, available phosphorus, and soluble potash that aids in nutrient availability throughout the plant's growth. Delivered uniformly by Aquatrols' proprietary surfactant, this fertilizer goes beyond the essential NPK trio. It incorporates a robust selection of micronutrients, including iron, manganese, zinc, copper, boron, and molybdenum.

SPRAY:

1-2 fl oz/1,000 ft² or 44-88 fl oz/acre every 7-14 days (double rates for 14-28-day applications if desired)

3-3-5



Guaranteed Analysis:

Total Nitrogen (N).....	3.0%
0.60%	Nitrate Nitrogen
2.40%	Urea Nitrogen
Available Phosphate (P2O5).....	3.0%
Soluble Potash (K2O)	5.0%
Boron (B).....	0.12%
Copper (Cu).....	0.25%
0.25%	Water Soluble Copper
Iron (Fe).....	0.45%
0.45%	Water Soluble Iron
Manganese (Mn)	0.55%
0.55%	Water Soluble Manganese
Molybdenum (Mo)	0.002%
Zinc (Zn).....	0.55%
0.55%	Water Soluble Zinc



GRN Elite Pro is a premium nutrient solution blend that combines the power of nitrogen, phosphorus, potassium, and high levels of humic acids to provide plants with the ultimate nutrition and soil enhancement. Delivered uniformly by Aquatrols' proprietary surfactant, this advanced formula may aid in the uptake of micronutrients, promote vigorous growth, support deep root development, and improve overall plant performance.

SPRAY:

1-2 fl oz/1,000 ft² or 44-88 fl oz/acre every 7-14 days (double rates for 14-28-day applications if desired)

2-1-5



Guaranteed Analysis:

Total Nitrogen (N)	2.0%
0.40%	Ammoniacal Nitrogen
0.85%	Nitrate Nitrogen
0.75%	Urea Nitrogen
Available Phosphate (P ₂ O ₅)	1.0%
Soluble Potash (K ₂ O)	5.0%
Humic Acids (FROM HUMALITE)	7.5%



GRN Fusion is a premium fertilizer solution intended to provide unparalleled support for plant root development, abiotic stress relief, and overall vigor. Delivered uniformly by Aquatrols' proprietary surfactant, GRN Fusion may increase micronutrient uptake. With its unique blend of essential nutrients and humic acid solution, this fertilizer offers a robust nutrient package for consistent plant growth and resilience.

COOL SEASON:

greens/tees: 2.2 fl oz/1,000 ft² or 95 fl oz/acre (every 7-14 days)
fairways: 2.2-4.4 fl oz/1,000 ft² or .75-1.5 gal/acre (monthly)

WARM SEASON:

greens/tees: 4.4 fl oz/1,000 ft² or 1.5 gal/acre (every 7-14 days)
fairways: 4.4-8.8 fl oz/1,000 ft² or 1.5-3 gal/acre (monthly)

3-6-12



Guaranteed Analysis:

Total Nitrogen (N)	3.0%
0.30%	Ammoniacal Nitrogen
1.65%	Nitrate Nitrogen
1.05%	Urea Nitrogen
Available Phosphate (P ₂ O ₅)	6.0%
Soluble Potash (K ₂ O)	12.0%
Humic Acids (FROM HUMALITE)	2.5%



GRN Defense is a nutrient powerhouse specifically intended to provide high levels of phosphorus and potassium to enhance plant respiration, strengthen abiotic stress defense, and improve overall plant vigor. Delivered uniformly by Aquatrols' proprietary surfactant, this advanced formula is key to unlocking the full potential to ensure plant vitality and resilience.

3-16-16



Guaranteed Analysis:

Total Nitrogen (N)	3.0%
3.0%	Urea Nitrogen
Available Phosphate (P ₂ O ₅)	16.0%
Soluble Potash (K ₂ O)	16.0%

SPRAY MAINTENANCE RATE:

5 fl oz/1,000 ft² or 1.7 gal/acre every 14-28 days

SPRAY DEFICIENCY RATE:

10 fl oz/1,000 ft² or 3.4 gal/acre as needed



GRN COMPLEX™

GRN Complex is a micro-nutrient package with a specific blend of key minerals that are essential for the metabolic processes and overall development of plants. With a precise combination of iron, manganese, magnesium, sulfur, boron, and surfactant technology to provide uniformity, it provides targeted support to overcome nutrient deficiencies leading to an excellent color response, and promotes vigorous turf growth.

SPRAY:

0.5-1.5 fl oz/1,000 ft² or 22-65 fl oz/acre every 7-14 days
(double rates for 14-28-day applications if desired)

1-0-0



Guaranteed Analysis:

Total Nitrogen (N)	1.0%
1.0%	Ammoniacal Nitrogen
Magnesium (Mg)	0.5%
0.5%	Water Soluble Magnesium
Sulfur (S)	3.5%
3.5%	Combined Sulfur
Boron (B).....	0.3%
Iron (Fe).....	3.5%
3.5 %	Water Soluble Iron
Manganese (Mn).....	1.25%
1.25%	Water Soluble Manganese



GRN PHOS™

GRN Phos is a nutrient solution specifically formulated to provide high phosphorus content, unlocking the potential for excellent root development and efficient phosphorus nutrition. GRN Phos is delivered uniformly by Aquatrols' proprietary surfactant.

0-15-0



SPRAY:

4-6 fl oz/1,000 ft² every 10-21 days

Guaranteed Analysis:

Available Phosphate (P ₂ O ₅)	15.0%
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GRN Sync is an innovative fertilizer that combines the power of calcium, nitrogen, and a premium soil surfactant to optimize plant nutrition and soil. This advanced formulation is intended to provide exceptional results by enhancing nutrient availability, promoting vigorous growth, improving soil structure and optimizing soil moisture management.

6-0-0



SPRAY:

1-5 fl oz/1,000 ft² every 7-21 days or
.4-1.7 gal/acre every 7-21 days

Guaranteed Analysis:

Total Nitrogen (N)	6.0%
6.0%	Nitrate Nitrogen
Calcium (Ca)	8.0%



GRN Base K is a potassium fertilizer intended to provide a concentrated 16% potassium content to support robust root growth, enhance plant vigor, and improve nutrient uptake. GRN Base K is delivered uniformly by Aquatrols' proprietary surfactant.

0-0-16



SPRAY:

4-6 fl oz/1,000 ft² every 10-21 days

Guaranteed Analysis:

Soluble Potash (K ₂ O)	16.0%
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NUTRITION

Round out Your Nutrition Package with CarbN™



CarbN with UniGrow is a nitrogen and soluble carbon solution delivered uniformly by Aquatrols' proprietary surfactants. CarbN with UniGrow can help increase micro-nutrient uptake and nitrogen efficiency, leading to enhanced plant performance.

Key Benefits of CarbN

- Enhances Infiltration & Distribution of Nutrients
- Helps in Thatch Reduction Over Time
- Increases Micronutrient Uptake & Nitrogen Efficiency
- Facilitates Consistent Greening & Plant Growth

NITROGEN AT ITS BEST

APPLICATION RATES

10 oz/1,000 sq ft of CarbN with UniGrow contains 1/8 lb of nitrogen.

Deliver desired rate in a minimum of 1 gal/1,000 sq ft spray volume.

Apply as needed during the growing season.