



## ReGenerate Complete

18-3-6 (50% SRN) with chelated minors

ReGenerate Complete is a specialty foliar fertilizer derived from a low salt index slow release polymer which delivers quick yet sustained color response. Chelated minors are added to enhance growth and to correct nutritional deficiencies.

**Rate: 3–6 oz./1000 sq. ft.**

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	18.0 %
Urea Nitrogen.....	9%
Other water-soluble nitrogen*.....	9%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	3.0%
Soluble potash (K <sub>2</sub> O).....	6.0%
Iron (Fe).....	0.1%
Manganese (Mn).....	0.1%
Zinc (Zn).....	0.1%

*Derived from urea-triazone, potassium phosphate, potassium carbonate, Iron EDTA, Manganese EDTA, Zinc EDTA*

\* Contains 9.0% slowly available nitrogen from urea-triazone



## ReGenerate Plus

18-0-6 (60% SRN) + 3% Phosphite + Amino Acids

A 60% SRN comprehensive foliar turf fertilizer with 3% phosphite (not shown on the label) potassium acetate, and 3% amino acids. Potassium acetate has up to five times the foliar absorption over traditional forms of potassium. The plant-derived amino acid package contains oligosaccharides which stimulate the plant's defense system, initiate Systemic Acquired Resistance, and enhance root development. Seven ounces per 1,000 (2.5 gal per acre) provides 0.104 lbs of nitrogen.

**Rate: 3–6 oz./1000 sq. ft.**

### GUARANTEED ANALYSIS

Total nitrogen.....	18.0%
Urea nitrogen.....	7.2%
Other water-soluble nitrogen*.....	10.8%
(slow-release urea-triazone)	
Soluble potash (K <sub>2</sub> O).....	6.0%

\* Derived from: urea-triazone, potassium phosphite, potassium acetate, plant extract.

\*\* Derived from potassium phosphite.



## ReGenerate

18-3-6 Fast Release

ReGenerate 18-3-6 Fast Release is a specialty fertilizer that provides rapid delivery of nutrients to plants with a classic total analysis. ReGenerate Fast Release is suitable for foliar and root applications

**Rate: 4-8 oz / 1000 sq ft**

### GUARANTEED ANALYSIS

Nitrogen.....	18.0%
Phosphorus.....	3.0%
Potassium.....	6.0%

*Derived from: urea, di-potassium phosphate*



## ReGenaGreen-EM

Chelated Micronutrients with Kelp Extracts

ReGenaGreen-EM is a comprehensive minors package developed specifically to correct nutritional deficiencies and enhance resistance to stress. ReGenaGreen-EM is fortified with 15% kelp extracts to improve turfgrass quality during periods of stress. ReGenaGreen-EM is formulated with South African kelp from the species Ecklonia maxima which possesses a 300:1 ratio of auxins to cytokinins. Auxins stimulate root development which is more appropriate for summer turf applications.

**Rate: 3-9 oz / 1000 sq ft**

### GUARANTEED ANALYSIS

Guaranteed Analysis	
Total Nitrogen (N).....	4.0%
Magnesium (Mg).....	0.54%
Iron (Fe).....	2.0%
Manganese (Mn).....	0.60%
Zinc (Zn).....	0.5%

*Derived from: urea, magnesium sulfate, iron sulfate manganese nitrate, zinc sulfate. Complexed with organic acids.*



## ReGenex-SQ

Calcium Nutrition and Sodium Remediation

ReGenex-SQ is a revolutionary combination of nutritional calcium with lignosulfonic acid and proprietary surfactants. It is designed to provide nutritional calcium in a rapidly available form. In addition to these nutritional and physiological benefits, Calcium also supersedes sodium on the soil colloid, therefore, applications of calcium can help "knock" sodium off the soil colloid. Lignosulfonic acid in Regenex-SQ helps to further sequester soil sodium.

**Rate: 6-8 oz / 1000 sq ft**


### GUARANTEED ANALYSIS

Calcium.....	7.0%
Sulfur.....	2.0%

*Derived from: calcium nitrate, calcium lignosulfonate*

**Also Contains A Non-Plant Food Ingredient:**

2.5% ..... Proprietary Surfactant



## ReGenerate MAN-Up

4% Mn, 3% Fe, 1% Mg

A valuable addition to our product line. ReGenerate MAN-Up is a high manganese supplemental micronutrient designed to enhance green color response, correct nutritional deficiencies, and enhance turfgrass quality. Complexed with organic acids. Foliar or soil applications will enhance green color response and turf vigor. Low stain risk and amine-based herbicide compatible.

**Rate: Turf- 2 to 8 oz per 1000 sq ft (Do not exceed 5 oz per 1000 sq ft on bentgrass)  
Ornamentals- 1 to 2 qts per 100 gl**

### GUARANTEED ANALYSIS

Magnesium (Mg) .....	1.0%
Iron (Fe) .....	3.0%
Manganese (Mn) .....	4.0%

*\*Derived from: ferrous sulfate, manganese sulfate, magnesium sulfate*



## ReGeneCal-C

5-0-0 (+ 8% Ca)

ReGeneCal-C is a highly advanced form of complexed foliar calcium formulated from calcium acetate, calcium nitrate and soluble kelp extracts. Highly efficient chelated calcium fertilizer with translocation aids for maximum nutrient delivery. Auxin-rich kelp extracts are added to aid in stress mitigation, enhanced root development and a means to remediate excess soil sodium.

**Rate: 3-4 oz./1000 sq. ft.**

### GUARANTEED ANALYSIS

Total nitrogen (N)* .....	5.0%
Calcium .....	8.0%

*\* Derived from calcium acetate, calcium nitrate, extract of Ecklonia maxima, blackstrap molasses.*



## Xtreme Fe

15-0-0 (6% Iron)

Xtreme Fe is a urea and ferrous sulfate based liquid fertilizer designed to achieve rapid green-up and correction of iron deficiencies through foliar applications. This formulation is complexed with citric acid to enhance nutrient uptake, increase compatibility with amine-based pesticides, and to reduce staining.

### GUARANTEED ANALYSIS

Total nitrogen .....	15.0%
Urea nitrogen .....	15.0%
Iron (Fe) .....	6.0%



## ReGen-A-Min

0-0-1 Mg, B, Cu, Fe, Mn, Zn, Si, K

A micronutrient package containing Fe (3%), Mn (1%), Mg (1%), Zn (0.25%), B (0.02%), Cu (0.1%). The carrier is combination of highly plant-available potassium acetate and a proprietary, tank mix compatible silica package. Organic acids and amino acids are added to enhance uptake and nutrient availability. Silica is added to enhance stress resistance, physical strength, and drought resistance.

**Rate: 1-3 oz./1000 sq. ft.**

### GUARANTEED ANALYSIS

Soluble potash (K <sub>2</sub> O) .....	1.0%
Magnesium (Mg) .....	1.0%
Boron (B) .....	0.02%
Copper (Cu) .....	0.05%
Iron (Fe) .....	3.0%
Manganese (Mn) .....	1.0%
Zinc (Zn) .....	0.25%

*Derived from: potassium acetate, potassium silicate, ferrous sulfate, manganese sulfate, magnesium sulfate, boric acid, zinc sulfate*

Also contains a non-plant-food ingredient:

Silica (from potassium silicate) .....	0.5%
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## Xtreme N

30-0-0 (60% SRN)

Derived from urea triazone, this 60% SRN foliar fertilizer provides rapid and sustained green-up. The slowly-available polymer nitrogen provides a more consistent color response and holds color longer than traditional forms of nitrogen. Xtreme N has a low salt index and because of the efficient nitrogen delivery of the urea triazone polymer, it does not stimulate excessive canopy growth. Suitable for foliar and root zone applications, 4 oz per 1,000 provides 0.1 lbs of N.

**Rate: 4-6 oz./1000 sq. ft.**

### GUARANTEED ANALYSIS

Total nitrogen .....	30.0%
Urea nitrogen .....	12.0%
Other water-soluble nitrogen .....	18.0%
<i>(slow-release methylene ureas and urea-triazone)</i>	



## Xtreme K

0-0-29 Potassium Acetate

Xtreme K is a highly foliar available form of potassium derived from potassium acetate. Potassium acetate is a revolutionary source of foliar potassium with a near neutral pH. This is a tank mix compatible potassium that has up to 5 times the foliar absorption availability of traditional potassium sources with an extremely low risk of phytotoxicity.

**Rate: 2-3 oz./1000 sq. ft.**

### GUARANTEED ANALYSIS

Soluble potash (K <sub>2</sub> O) .....	29.0%
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*\* Derived from potassium acetate.*

# uNipHy 18

18-0-0, 7% S, 0.30% Mg, 0.90% Fe, 1.2% Mn

UNipHY 18 is a low pH, urea and sulfuric acid formulation with a comprehensive micronutrient package. This product can be used to correct nitrogen, sulfur, magnesium, iron and or manganese deficiencies. UNipHY 18 may outperform other nitrogen products, as it is protected from volatilization and functions as a stabilized nitrogen.

**Rates:** UNipHY 18 is intended for spray application or fertigation/injection application through drip, overhead and micro-jet irrigation systems.

**USE RATE:** 1.0 to 10.0 gal. per acre. Use a minimum of 50 gallons of water per acre. Best results are obtained when watered in following application.

**GUARANTEED ANALYSIS**

Total Nitrogen (N) ..... 18.0%  
 18.0% Urea nitrogen  
 Sulfur (S) ..... 7.0%  
 Magnesium (Mg) ..... 0.30%  
 0.3% Water soluble Magnesium (Mg)  
 Iron (Fe) ..... 0.90%  
 0.9% Water soluble Iron (Fe)  
 Manganese (Mn) ..... 1.2%  
 1.2% Water soluble Manganese (Mn)  
 5% ..... Alcohol ethoxylate surfactant  
 Derived from: Dicarbamide dihydrogen sulfate, magnesium sulfate, ferrous sulfate, manganese sulfate.

# RE-pHORM 28

RE-pHORM 28 is a superior form of nitrogen for fertigation and soil applications. It has synergistic impacts with other applied fertilizers and residual soil nutrients due to its capability to liberate nutrients bound to the soil colloid. The acidity in RE-pHORM 28 is stable in irrigation water and releases in the soil solution to mitigate impacts of alkalinity, bi-carbonate and sodium.

- 28% Stabilized Urea Nitrogen with 27% Sulfuric Acid Equivalent to reduce bicarbonates & sodium and 9% Sulfur for plant uptake
- Carbon to optimize C:N ratio and Hydrogen to reduce alkalinity
- Oxygen to enhance aerobic soil functions and drive ammonium metabolism
- ORP activity driving redox and converting minerals to oxidized, plant available forms

**Rates:** RE-pHORM 28 is intended for fertigation/injection application through drip, overhead and micro-jet irrigation systems.

**NUTRIENT CHART**

Gal/Acre	Lbs. N / 1,000 Ft <sup>2</sup>	Lbs. N / Acre
0.50	0.038	1.65
1.00	0.076	3.30
1.30	0.100	4.30

## PHOSPHITES

### ReGenePhite

3-10-15 Phosphate & Phosphite

ReGenePhite is a combination of ammoniacal nitrogen and phosphoric acid from ammonium polyphosphate and potassium phosphite added for enhanced stress resistance and vigor. The combination of nutritional phosphate with plant strengthening phosphite fuels root growth and development while combating stress and decline. The analysis is 3-26-15 (16% phosphite plus 10% phosphate) but labels will read 3-10-15 because the phosphite component cannot be claimed on the label.

**Rate:** 6-8 oz./1000 sq. ft.

**GUARANTEED ANALYSIS**

Total nitrogen (N)\* ..... 3.0%  
 Available phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 10.0%  
 Soluble potash (K<sub>2</sub>O) ..... 15.0%  
*Derived from ammoniacal nitrogen, ammonium polyphosphate, potassium phosphite, autolyzed yeast extract.*

### IMMUNiphite Plus

0-0-24 Potassium Phosphite + Silica

A high purity potassium phosphite which provides 3.17 pounds of phosphorous acid per gallon combined with a proprietary, tank-mix compatible silica package. While the phosphite increases plant metabolism, vigor, and stress resistance, the silica deposits in cell tissues increasing physical strength, rigidity, resistance to stress, and drought resistance. The label will read 0-0-24 for states which do not recognize potassium phosphite as a source of available phosphate.

**Rate:** 3-4 oz./1000 sq. ft.

**GUARANTEED ANALYSIS**

Soluble potash (K<sub>2</sub>O) ..... 24.0%  
 \* *Derived from potassium phosphite.*  
 Also contains a non-plant-food ingredient:  
 Silica (from potassium silicate) ..... 1.0%

### IMMUNiphite

0-0-26 Potassium Phosphite

Immuniphite is a high purity potassium phosphite which contains 3.47 lbs of phosphorous acid per gallon. Immuniphite assists in improving turf quality and vigor while enhancing resistance to stress factors contributing to turf decline. The label will read 0-0-26 in those states where potassium phosphite is not recognized as a source of available phosphorous.

**Rates:** Turf: 3-4 oz / 1000 sq ft

**GUARANTEED ANALYSIS**

Soluble potash (K<sub>2</sub>O) ..... 26.0%  
*Derived from potassium phosphite.*

### IMMUNiphite 40

2-0-16 Potassium Phosphite

Immuniphite 40 is a more concentrated solution of phosphite containing 5.84 pounds of phosphorous acid per gallon, designed to maximize the phosphorous acid delivery to the plant. Immuniphite 40 has a low use rate of 1-4 pints per acre. The target rate for turf is typically 3.5 lb PO<sub>3</sub> per acre. To deliver this rate apply 2 oz per 1000 sq ft.

**Rate:** 2-3 oz./1000 sq. ft.

**GUARANTEED ANALYSIS**

Total nitrogen (N)\* ..... 2.0%  
 Soluble potash (K<sub>2</sub>O) ..... 16.0%  
*Derived from potassium phosphite.*



# REGEN-A/MEND BIOCHAR

ReGen-A/MEND BioChar is a soil-health technology designed to optimize the vitality of the root zone in all types of soil. The organic, 100% bio-based material utilizes physical, chemical, and biological mechanisms to unlock the potential of the soil. ReGen-a/MEND BioChar builds lasting soil structure to optimize water and nutrient retention in the root zone, provides a habitat for beneficial microbial growth, enhances chemical properties of the rhizosphere, and sequesters atmospheric CO<sub>2</sub>.

### GUARANTEED ANALYSIS

Carbon (dry wt %)	85%
Surface area (sq m/g)	200
Porosity (volume%)	65%
Particle size (mm)	0.5 – 3mm
Moisture (dry wt%)	12 - 15%
Anionic Exchange Capacity (millieq/l)	20 – 40
Cationic Exchange Capacity (millieq/l)	25 – 45
pH	7.0

### APPLICATION RATES

<b>TURF: New Sod - Apply 1-2 cubic feet per 1000 sq ft uniformly on soil surface prior to laying sod.</b>
<b>TURF: New Seeding - Apply 1-2 cubic feet per 1000 sq ft uniformly on soil surface, seed, then incorporate in top half inch of soil</b>
<b>TURF: Aeration - Aerate then apply 1-2 cubic feet per 1000 sq ft uniformly on turf, top dress then drag material into aeration holes</b>
<b>LANDSCAPE: Apply 1 cubic foot to 300 sq ft of planting area then incorporate into top 4 inches of soil.</b>

Derived from: Sustainably sourced softwood

# REGEN-A/MEND 0-0-7 + MICROS

A valuable addition to the professional turf professional's toolbox, the ReGen-Amend 0-0-7 + Micros is versatile enough to use in all seasons as a potassium and micronutrient source. Contains amino acids from protein hydrolysates. This unique homogeneous formula has a uniform granule sized at SGN 125 for use in all turf types and mowing heights, applied either over the top with minimal roller pickup or dragged into holes during aeration.

**Rate: 7.2 lb./1000 sq. ft. = 1/2 lb. K/1000 sq. ft.**

### GUARANTEED ANALYSIS

Soluble potash (K <sub>2</sub> O)	7.0%
Calcium (Ca)	20.0%
Magnesium (Mg)	3.6%
1.0% Water Soluble Magnesium (Mg)	
Sulfur (S)	12.0%
12.0% Combined Sulfur (S)	
Copper (Cu)	0.03 %
0.03% Water Soluble Copper (Cu)	
Iron (Fe)	0.5%
0.21% Water Soluble Iron (Fe)	

Manganese (Mn)	0.2%
0.2% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Water Soluble Zinc (Zn)	

*Derived from Sulfate of Potash, Sulfate of Potash Magnesia, Calcium Sulfate, Calcium Carbonate, Magnesium Sulfate, Iron Sulfate, Iron Sucrate, Manganese Sulfate, Zinc Sulfate, Copper Sulfate, Protein Hydrolysate\*, and Molasses.*

*\* Contains Amino Acids from Protein Hydrolysate.*

Always read label & follow directions before using any product.