



Hydra-Fuse 18-0-6

A core fertility foliar NPK combined with phosphite and proprietary biostimulants derived from desert plant extracts. Designed to provide a consistent and lasting color response while enhancing stress resistance and encouraging root growth. Hydra-Fuse contains 6% potassium derived from Potassium Acetate (KA) for superior foliar uptake. Hydra-Fuse's 50% Triazone N provides a tremendous color response with a predictable growth curve. Low salt index. No phosphates. No nitrates. No chlorides.

Rates:

Cool Season: 3.0 - 8.0 oz./1000 sq. ft.
Warm Season: 3.0 - 8.0 oz./1000 sq. ft.
Ornamental: 1.0 - 4.0 qts./100 gal.
Root Injection: 1.0 - 2.5 gal./100 gal.

Hydra-Cal

Hydra-Cal is a highly active 3-way blend of acetate, nitrate, and chelated forms of calcium. Hydra-Cal contains a unique bio-stimulant technology derived from desert plant extracts designed to increase plant health and root growth. The combination of highly efficient foliar uptake, root absorption, and chelated calcium maximizes calcium delivery to the leaf tissue as well as to the roots. The addition of boron and magnesium further enhances cell wall strengthening and chlorophyll production. Plant available silica enhances the physical strength and stress resistance of the plant.

Rates:

Cool Season: 1.5 - 3.0 oz./1000 sq. ft.
Warm Season: 1.5 - 3.0 oz./1000 sq. ft.
Ornamental: 2.0 - 4.0 qts./100 gal.

Hydra-Fe Combo 12-0-0

Give your plant more than just Iron. 6% Fe, 2% Mn, 0.25% Mg. Rapid color response from urea nitrogen and organic acid complexed micronutrients. Because of the scientifically formulated ratio of iron, manganese, and magnesium, Hydra-Fe enhances photosynthesis through nutrition, specifically creating a dramatically enhanced green-up, far more noticeable than the many iron products on the market. Hydra-Fe is amine compatible with reduced risk of staining.

Rates:

Cool Season: 2.0 - 8.0 oz./1000 sq. ft.
Warm Season: 2.0 - 8.0 oz./1000 sq. ft.
Ornamental: 1.0 - 4.0 qts./100 gal.
Root Injection: 1.0 - 4.0 qts./100 gal.

Hydra-Phite Plus 0-0-28

A highly concentrated potassium phosphite, Hydra-Phite Plus contains proprietary bio-stimulant technology derived from desert plant extracts, which increases plant strength and growth. In addition, the SAR (systemic acquired resistance) elicitors increase plant vigor and trigger plant defense responses, making the turf stronger even during the most stressful periods of the season. With Hydra-Phite Plus's highly synergistic combinations of desert plant extracts, phosphite and SAR elicitors, the turf becomes impressively resistant to plant stress, while enhancing turf quality.

Rates:

Cool Season: 3.0 - 4.0 oz./1000 sq. ft.
Warm Season: 3.0 - 4.0 oz./1000 sq. ft.
Ornamental: 0.5% solution v/v

Hydra-Kelp 4-0-0

A supplemental nitrogen and micronutrient fertilizer designed to prevent and/or cure nutrient deficiencies in plants and crops. Hydra-Kelp is enhanced with Ascophylum Nodosum extracts to enhance turfgrass quality. Hydra-Kelp is a pure biostimulant that ensures your turf has the antioxidants it needs to prepare for summer stress conditions. Hydra-Kelp's overall result is a boosted defense system, carbohydrate reserves for the turf and the infusion of high levels of naturally beneficial cytokinins. As a secondary benefit, Hydra-Kelp contains 1% Mg, 2% Fe, and 1% Mn to provide a tremendous color response.

Rates:

Cool Season: 1.5 - 6.0 oz./1000 sq. ft.
Warm Season: 1.5 - 6.0 oz./1000 sq. ft.
Ornamental: 1.0 - 4.0 qts./100 gal.
Root Injection: 1.0 - 4.0 qts./100 gal.

Hydra-Fense 12% Silica

Hydra-Fense 12% plant available silica forms deposits in the cuticle, which provides a physical resistance to stress. During the process, Hydra-Fense accelerates greater rooting and tougher, stress resistant tissue for optimized plant health, performing above and below the soil surface. Easy to use, tank mix stable, clear, pH balanced and highly concentrated. Reduced ball marks, reduced wear, faster greens, and better cut.

Rates:

Cool Season: 1.5 - 3.0 oz./1000 sq. ft.
Warm Season: 1.5 - 3.0 oz./1000 sq. ft.

Hydra-Mn Combo

4% Mn, 3% Fe, 1% Mg. with complexed organic acids. Hydra-Mn is specifically designed to provide the right nutrients to deliver elevated tissue color. The combination of Mn, Fe and Mg in the organic acid chelated form catalyzes the reactors inside the plant to produce unrivaled color response, regardless of soil conditions such as pH. Flexible for foliar and soil applications. Compatible with amine-based herbicides and offers low stain risk.

Rates:

Cool Season: 1.5 - 3.0 oz./1000 sq. ft.
Warm Season: 1.5 - 3.0 oz./1000 sq. ft.
Ornamental: 2.0 - 4.0 qts./100 gal.

Mineral-Miner 21-0-0

A reacted stabilized, high-efficiency nitrogen formulated with complex carbohydrates and nutrient efficiency polymers, designed to stabilize nitrogen against volatilization loss while increasing plant availability of many soil solution macro and micro nutrients. Has synergistic impacts with residual fertilizers and soil nutrients due to its capability to solubilize and liberate nutrients bound to the soil colloid, making them plant available. Contains carboxylic acids to reduce bicarbonates and sodium. Hydrogen to reduce alkalinity. Carbon to optimize C:N ratios. Oxygen to enhance aerobic soil functions. Carbohydrates to support aerobic soil microbiology.

Rates:

Cool Season: 1.5 - 3.0 oz./1000 sq. ft.
Warm Season: 1.5 - 3.0 oz./1000 sq. ft.



Hydra-Gro 30-0-0

A scientifically formulated blend of quick release and slowly available nitrogen combined with proprietary forms of pigment for foliar uptake, improving general plant health and shoot growth. A very low salt index formulation optimizes root and foliar uptake. The liquid slow-release nitrogen provides an even and consistent 6 to 8 week feed, avoiding issues associated with a surge of growth. Hydra-Gro fastens to the plant, where it is broken down and absorbed by stomatal openings.

Rates:

Cool Season: 3.0 - 15 oz./1000 sq. ft.

Warm Season: 3.0 - 15 oz./1000 sq. ft.

Hydra-Minors

The only comprehensive, multi-chelated micronutrient package containing plant available silica, SAR elicitors, and bio-stimulants. Hydra-Minors uses biostimulant technologies derived from desert plant extracts, which are designed to increase plant health and growth, even during times of stress. SAR (systemic acquired resistance) elicitors increase plant vigor and trigger plant defense responses. This highly synergistic combination reduces plant stress and enhances turf quality and color. Hydra-Minors contains 1.0% plant-available silica. This patented process to stabilize plant available silica hardens plant cells, resulting in tenaciously tough turf.

Rates:

Cool Season: 1.0 - 3.0 oz./1000 sq. ft.

Warm Season: 1.0 - 3.0 oz./1000 sq. ft.

Ornamental: 1.0 - 2.0 qts./100 gal.

Root Injection: 1.0 - 4.0 qts./100 gal.

Hydra-Kace 0-0-29

The highest foliar absorption potassium input on the market. Derived from potassium acetate (KA), Hydra-Kace ensures high tissue levels at low rates, reduced risk of foliar burn, and reduced fertilizer salt loading. It promotes carbohydrate synthesis and translocation, catalyzing numerous enzyme reactions including nitrate reduction, regulating transpiration, nutrient uptake, and respiration rates. Hydra-Kace influences turfgrass rooting, drought, heat and cold tolerance, while reducing the effects of turf stress.

Rates:

Cool Season: 1.5 - 3.0 oz./1000 sq. ft.

Warm Season: 1.5 - 3.0 oz./1000 sq. ft.

Ornamental: 2.0 - 4.0 qts./100 gal.

Hydra-Boost 3-10-15

The proprietary combination of phosphite (PO3) and phosphate (PO4) work together to enhance plant stress resistance while increasing plant energy and metabolism. Hydra-Boost is a catalyst for the plant's defense mechanism, resulting in robust turf, vigorously ready to defend against stress. Hydra-Boost is proven to be a great tool during aeration recovery, grow-in, over-seeding, or declining turf areas. University research has proven the combination of PO3 and PO4 create healthier, stronger roots.

Rates:

Cool Season: 1.5 - 3.0 oz./1000 sq. ft.

Warm Season: 1.5 - 3.0 oz./1000 sq. ft.

Ornamental: 0.5% solution v/v

Hydra-Phite 0-0-31

One of the purest liquids on the market, Hydra-Phite is a highly concentrated potassium phosphite reacted under strict temperature and quality control for enhanced compatibility and performance. Designed to mobilize in the plant, Hydra-Phite works rapidly to correct deficiencies, enhance plant and root development and improve resistance to environmental factors which favor disease development. Along with enhanced resistance to stress, Hydra-Phite is extremely systemic, rapidly transporting through phloem and xylem to areas of deficiencies or need.

Rates:

Cool Season: 2.5 - 3.5 oz./1000 sq. ft.

Warm Season: 2.5 - 3.5 oz./1000 sq. ft.

Ornamental: 0.5% solution v/v

Hydra-Phite 40 2-0-16

A more concentrated solution of phosphite designed to maximize the phosphorous acid delivery to the plant. Contains 5.84 pounds of phosphorous acid per gallon. Designed to improve plant strength and stress resistance, derived from phosphorous acid this formulation is extremely soluble and readily absorbed via the roots and foliar tissue. Studies have shown Hydra-Force enhances the activity of fungicides when jointly applied. In addition, the utilization of other nutrients when mixed and applied together as a supplement to a well-balanced fertilizer program.

Rates:

Cool Season: 2.5 - 3.5 oz./1000 sq. ft.

Warm Season: 2.5 - 3.5 oz./1000 sq. ft.

Ornamental: 0.5% solution v/v

Hydra-Base 18-0-6

Low Salt Index. No Phosphates. No Nitrates. No Chlorides. A building block for protein, Hydra-Base 18-0-6 is a phosphate free foliar fertilizer. Potassium derived from potassium acetate (KA) for superior foliar uptake. Hydra-Base Nitrogen is broken down both chemically and biologically, which provides a lower use rate for higher quality results. Tank mix compatible with most pesticides.

Rates:

Cool Season: 3.0 - 8.0 oz./1000 sq. ft.

Warm Season: 3.0 - 8.0 oz./1000 sq. ft.

Ornamental: 1.0 - 4.0 qts./100 gal.

Root Injection: 1.0 - 4.0 qts./100 gal.

Hydra-Push 5-0-0

A comprehensive combination of nitrogen, calcium, carboxylic acids, fructose sugars and dual-mode surfactants. Hydra-Push penetrates water through hydrophobic soils, yet moving water latterly where needed. The blend of acids, calcium and proprietary polymers were built for: flushing bicarbonates and sodium off of the colloid, a tremendous surfactant for push-up greens, and its original purpose, a cost-effective nutrition and surfactant for fairway injection.

Rates:

Push-up Greens: 0.5 - 2.0 oz. / 1000

Injection on Fairways: 0.5 - 3.0 oz. / 1000



Hydra-Balance 14-2-14

Hydra-Balance is a liquid fertilizer specifically designed for turf. Contains slowly available nitrogen as well as a highly foliar absorbable form of potassium: potassium acetate. 50% Triazone nitrogen provides a tremendous color response with a predictable growth curve. Low salt index. No nitrates. No chlorides.

Hydra-Carb 1-0-3

Hydra-Carb is a high brix molasses fertilizer with minors and plant proteins designed to stimulate native soil bacteria, enrich the soil, and reduce thatch. Hydra-Carb is a high carbon, high carbohydrate supplemental fertilizer. Designed to fuel the food web within the root zone, Hydra-Carb provides a high-energy food source for rhizosphere bacteria. This dramatic stimulation of biological activity has a direct positive impact on root length, root mass, and turfgrass quality.

Hydra-Enrich20

Hydra-Enrich20 is a natural soil conditioner, organic chelator, and microbial stimulator that provides tremendous benefit to your soils and plants. A premium source of humic and fulvic acids derived from freshwater leonhardtite ore. Hydra-Enrich20 can enhance soil fertility by increasing nutrient availability and improving soil cation exchange. Especially useful on sand-based soils, where humic acid has been demonstrated to have positive effects on nutrient uptake and plant growth. Enhances photosynthesis, root development and nutrient uptake. Provides an oxidized carbon source. Sequesters water, enabling better penetration into the soil. Chelates soil micros, increasing availability to the plant. Increases CEC, improves low organic. Reduces long-term soil compaction soils.

Hydra-Carb 1-0-3

Hydra-Carb is a high brix molasses fertilizer with minors and plant proteins designed to stimulate native soil bacteria, enrich the soil and reduce thatch. Use Hydra-Carb on a regular basis to encourage healthy soil microbial populations, especially in sand based, low organic matter greens. Hydra-Carb is a high carbon, high carbohydrate supplemental fertilizer. Designed to fuel the food web within the root zone, Hydra-Carb provides a high-energy food source for rhizosphere bacteria. This dramatic stimulation of biological activity has a direct positive impact on root length, root mass, and turfgrass quality. Hydra-Carb also contains a broad complement of plant proteins, trace micronutrients, vitamins, minerals, amino acids, and other beneficial substances. Applications can result in up to a 75% increase in bacteriological activity.

Yield Starter 3-17-17

The lowest use rate phosphorous available. This immediately available eco-friendly orthophosphate immediately kick-starts the germination process of new seedlings. Then the addition phosphorous liberating bacterial inoculants unlocks phosphate and micronutrients tied up in the soil. University research has demonstrated faster, more vigorous, and more consistent growth on a variety of plants.

Liberate

This high active ingredient biostimulant contains biochemical microbes, which puts the germination and growth of new plants into overdrive. The premium sources of humic and fulvic acids condition the soil, acting as organic liberators and microbial stimulators. With the addition of the nutrient liberating microbes, Liberate facilitates growth of roots in the soil, mineralizes organic compounds, making them plant available, converts N into biological usable forms, and solubilizes P, leading to its release and availability.

Foundation 8-13-5

Scientifically formulated to accelerate vegetation and root growth. Powered by Nexus Technologies, Foundation contains 3 sources of nitrogen, 2 sources of phosphorous, phosphorous acid, proprietary plant extract hormones, and select micronutrients. These chemistries are synergistically built for two reasons: establish quick germination and long-lasting vegetation. Foundation significantly increases nutrient use, drives roots, growth hormones accelerate germination, micros assist in early stages of growth.

Hydra-Green 25-0-0

A scientifically formulated blend of quick release, slowly available nitrogen, iron, manganese, and magnesium combined with proprietary forms of pigment for foliar uptake, improving general plant health and shoot growth. A very low salt index formulation optimizes root and foliar uptake. Enhanced with Ascophylum Nodosum Kelp extracts to enhance turfgrass quality; a pure bio stimulant that ensures turf has the antioxidants it needs to prepare for summer stress conditions. It boosts the defense system by creating carbohydrate reserves for the turf and infusing high levels of naturally beneficial cytokinins.

