



PRODUCT LINE

TREE & PLANT HEALTH CARE



Empowering You to Grow Your Business™

Why Turf Fuel for Your Landscape

Turf Fuel products were developed with plant physiology as the primary consideration. The product line was designed to assist the finest turf surfaces in the world tolerate environmental and human induced stresses. The fundamental science of plant physiology does not discriminate between turf and ornamental plants. The technology that gives fine turfgrass an edge, provides excellent stress tolerance, growth control and establishment success to landscape plants.

PRODUCT HIGHLIGHTS



ELEMENT 6™ WITH NUTRIFENSE™

Provides plants with the components for strength conditioning, maximizing energy generation and root production. Powered by Nutrifense™ technology, Element 6 significantly increases root growth by altering plant biochemistry. More robust root system with an overall increase in plant vitality.

13% N	6% Amino Acids
3% K ₂ O	1.5% Fulvic Acid
2% Si	

32-64oz/100 Gallons of Water



ROOT DOWN™

Root Down is a safe soil drench for ornamental plants and with it's strong but safe acid value, it has the ability to break down bicarbonate layering, release nutrients and flush sodium ions.

18% N	1.2% Mn
0.3% Mg	
0.9% Fe	

32-64oz/100 Gallons of Water



MZ-23™

Combines manganese, zinc, potassium phosphite, seaweed extract and a proprietary uptake efficiency aid. Regular applications of MZ-23 resulting increased root- health and superior stress resistance.

23% Phosphite	3.2% Zn
5% K ₂ O	5% Ecklonia Maxima
2.8% Mn	

32-64oz/100 Gallons of Water





VERTICAL™ WITH NUTRIFENSE®

Vertical contains a rich supply of carbon and key sugars coupled with an ultra efficient form of potassium, Nutrifense and a new rooting technology derived from plant materials. Vertical promotes a rapid color reaction when applied with micronutrients and bolsters microbial populations by supplying a high concentration of carbon and sugars into the root zone. Once in the soil, Vertical works to buffer sodium, increase nutrient availability and promote CO2 liberation.

8% K ₂ O
Nutrifense Reaction Technology
5 Gallons / 100 Gallons of Water



MIC DROP™

A blend of comprehensive micro-nutrients, a proprietary sugar package, root-driving sea kelp, and carbon, all powered by our REACTION™ technology. Designed for optimal nutrient absorption, MIC DROP delivers intense, long lasting color while enhancing the biology in any soil.

1% K	0.63% Mn
1.25% Mg	0.70% Zn
3.5% Fe	0.08% Bo
64oz/100 Gallons of Water	



GREENS PHITE SUPREME™

Is the next generation of phosphite and silica technology. 3% stabilized silica combined with 30% phosphite and 20% potassium for a product that delivers superior plant strength and stress resistance. Greens Phite Supreme works to elevate plant health to accommodate dynamic environment conditions.

30% PHOSPHITE	3% Silica
20% K ₂ O	
64oz/100 Gallons of Water	



TSPRO 18-3-6

Serves as the backbone of any comprehensive nutritional program. With 50% slowly available nitrogen, expect a quick, long-lasting color response. Added micronutrients boost color and overall plant health.

18% N	0.1% Fe
3% P ₂ O ₅	0.1% Mn
6% K ₂ O	0.1% Zn
1-5 Gallons/100 Gallons of Water	



TSPRO 14-2-14

Is a balanced liquid fertilizer containing 50% slow release and readily available nitrogen, as well as highly absorbed potassium acetate.

14% N	
2% P	
14% K	
32-64oz/100 Gallons of Water	



CLEANSE™

The blend of soil scrubber, robust enzymes and proprietary penetrate, Cleanse removes hydrophobic organic acids that cause water repellency in soils. With Soil Sync metabolic enhancer, plant recovery from drought stress is

32oz/100 Gallons of Water



D-SOLVE™

D-Solve is a strong but safe synthetic acid that works to dissolve sodium and bicarbonate layering, increasing micro-nutrient availability and increase infiltration rates.

32-64oz/100 Gallons of Water



ARGO™

A potent blend of soil penetrants, joined with a humic/ fulvic acid supplement. Argo's combination of multiple action compounds work to manage difficult soils. Manage soil moisture, air and nutrient ratios.

39% Penetrant	0.4% Fulvic
2% Humic Acid	Acid
	0.6% Fe

32-64oz/100 Gallons of Water



VANQUISH™

Vanquish is fortified with four distinctly different polymers. Together they maximize water penetration, hydration and rehydration through the soil. Vanquish is a great pre-treatment option for areas challenged by too much or too little moisture.

32-64oz/100 Gallons of Water



ABYSS™

is a premium soil penetrant designed to disperse moisture through the soil profile. When used as part of a management program, improves water penetration in hard to wet areas, effectively manage moisture in heavier soils and aids in flushing sodium from soils.

32-64oz/100 Gallons of Water





SUGGESTED SOLUTIONS

Complete Plant Nutrition

Delivers optimal plant nutrition throughout the growing season. Each product was selected and combined to help overall plant health as well as to build much greater tolerance to stress caused by pests or environmental factors. Applications can be made any time of the year and will provide consistent results.

PROGRAM PRODUCT RATES:

14-2-14	64 fl oz / 100 gal
Mic Drop	32 fl oz / 100 gal
Vertical	64 fl oz / 100 gal
Vanquish	32 fl oz / 100 gal

Recovery

Throughout the growing season plants face many challenges and sometimes there are setbacks. When facing these situations, Turf Fuels landscape Recovery program can help. Providing essential nutrients, phosphite, Turf fuels Nutrifense and Reaction technology found in Vertical and Mic Drop *will help start your plants recovery faster.*

PROGRAM PRODUCT RATES:

Root Down	32 fl oz / 100 gal
Vertical	64 fl oz / 100 gal
MZ 23	32 fl oz / 100 gal

Establishment

Understanding that new plantings are an investment, it is crucial to set them up for success. The main focus with this program is not only proper nourishment but also soil conditioning. Providing food sources for healthy microbial populations is a key to success. Conditioning soils at the time of planting will increase the ability for root growth and increase the plant's ability to mature.

PROGRAM PRODUCT RATES:

TS Pro 14-2-14	32 fl oz / 100 gal
Vertical	64 fl oz / 100 gal
Mic Drop	32 fl oz / 100 gal
Abyss	32 fl oz / 100 gal

Palm Health

Palms require certain key micronutrients to flourish, and this program has what you need. Providing key micronutrients, sugars, stress tolerance compounds and essential nutrients, this program will maintain your palms thriving throughout the year.

PROGRAM PRODUCT RATES:

TS Pro 18-3-6	64 fl oz / 100 gal
Mic Drop	32 fl oz / 100 gal
Vertical	64 fl oz / 100 gal
Vanquish	32 fl oz / 100 gal

Soil Reboot

Whether you are battling heavily compacted soils, high pH soils, or high sodium soils, Soil Reboot is here to help. With the unique ability to unlock bound soil and move off organic material you can start to reset the soil. The combination of these products will increase water's ability to break through even the toughest of soils taking with it much of the unwanted hydrophobic coatings. Give your soil the break it needs and allow it to function as you desire.

PROGRAM PRODUCT RATES:

D-Solve	64 fl oz / 100 gal
Cleanse	32 fl oz / 100 gal
Vertical	32 fl oz / 100 gal
Vanquish	32 fl oz / 100 gal



PRODUCT ANALYSIS

PLANT AND SOIL

Product	Rate per 100 gal	Macros			Secondary		Micros							P03
		N	P205	K20	Ca	Mg	B	Cu	Fe	Mn	Mo	Si	Zn	
Element 6	32-64 oz	13%		3%								2%		
Root Down	32-64 oz	18%				0.30%			0.90%	1.20%				
MZ-23	32-64 oz			5%						2.80%			3.20%	23%
Vertical	32-64 oz			8%										
Mic Drop	32-64 oz			1%		1.25%	0.08%		3.50%	0.63%			0.70%	
TS Pro 14-2-14	32-64 oz	14%	2%	14%										
TS Pro 18-3-6	32-64 oz	18%	3%	6%					0.10%	0.10%			0.10%	
Greens Phite Supreme	32-64 oz			20%								3%		

SPECIALTY PRODUCTS

Product	Category	Rate/ 100 gal	Use
D-Solve	Soil Acidifier/ Penetrant	32-64 oz	Remove Bicarbs/Sodium, improve infiltration
Vanquish	Soil Surfactant	32-64 oz	Improve water penetration, hydration, rehydration and uniform moisture distribution
Cleanse Plus	Soil Surfactant	32 oz	Soil Remediation by disintegrating hydrophobic organic acids in soil organic acids in soil, increase water penetration hydration and improving soil health.
Argo	Soil Conditioner	32-64 oz	Increase water movement/infiltration and nutrient uptake
Aybss	Soil Penetrant	32-64 oz	Flushing aid, uniform moisture penetration, effective across soil types







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