

A semi-circular gauge with a white face and grey markings, featuring an orange needle pointing towards the right.

Turf Fuel™

PRODUCT LINE

A large, semi-circular graphic containing a photograph of a sports stadium filled with spectators, overlaid on a green field background.

***SPORTS
TURF***



TURF AND SOIL CONDITIONING

PHOTO FUEL



12-0-0 WITH NUTRIFENSE™

Enhances photosynthesis by delivering the nutrients needed for this important process and key ingredients to block stress. Powered by Nutrifense™ technology, **Photo Fuel** delivers the goods for maximum photosynthesis.

12% N	2% Mn
.25% Mg	.15% Cu
4% Fe	.04% Mo
2-4 fl. oz. /1,000	

ELEMENT 6



WITH NUTRIFENSE™

Like performance athletes, high performance turf needs energy. **E6** provides key sugars and amino acids to keep turf performing at the highest level, low pH silica to improve wear tolerance and the highest concentration of Nutrifense in the TF lineup to build an incredible resistance to stress and wear.

13% N	6% Amino Acids
.25% K ₂ O	1.5% Fulvic Acid
2% Si	
3-6 fl. oz. /1,000	

MZ-23



This blend of phosphite, sea kelp manganese and zinc triggers an exceptional turf color response while driving dynamic plant health. You'll see better photosynthesis, rooting and plant strength.

23% P ₂ O ₅	2.8% Mn
5% K ₂ O	3.2% Zn
2-4 fl. oz. /1,000	

QUICK GREEN



14-20-0

This blend of 3 different types of nitrogen, super reactive phosphorus and bio stimulants has become a go to product when turf density is needed. Great for recovery from stress or new establishment.

14% N	20% P ₂ O ₅
3-6 fl. oz. /1,000	

ROOT DOWN



18-0-0

A unique nitrogen product with a pH of 0.65. That means **Root Down** helps to fight sodium, bicarbonates and lack of nutrient availability in the soil. Root Down can be used strategically at high rates or as a routine maintenance nitrogen source.

18% N	0.9% Fe
7% S	1.2% Mn
0.3% Mg	
3-8 oz. /1,000	

LESSEN 11



Calcium builds strong bones for athletes and also builds strong sports turf. **Lessen 11** is your source for powerful calcium. This acidified calcium works to increase cell wall strength while helping to combat high sodium. **L11's** acidity works to free up exchangeable soil calcium in addition to bolstering values in the plant.

7% Ca	0.25% Si
6-8 fl. oz. /1,000	

We searched for three years for a cost effective liquid fertilizer that we could apply at a low rate and see a visual difference in the grass after application. We found that with Turf Fuel.

—Josh Koss
San Diego State University



SPECIALTY HYDRATION PRODUCTS

VANQUISH



6 fl. oz./1,000 sq. ft.

PERFORMANCE HYDRATION

Hydration is essential for optimal athletic performance and is critical for optimal turf performance. Getting water into the soil and keeping it there is a challenge. **Vanquish** provides a four component polymeric chemistry to ensure consistent uniform hydration through-out the soil profile delivering optimal firmness and resiliency for game day.

MOISTURE MAGNET



Maintenance Rate.
0.75 fl. oz./1,000 sq. ft.
Drought Recovery.
1.5 fl. oz./1,000 sq. ft.

MOISTURE RETENTION AID

Moisture Magnet is a multicomponent system with both holding and penetrating properties. Available in both liquid and dry form, **Moisture Magnet** improves irrigation efficiency and maintains soil moisture levels between irrigation cycles. Great for areas where irrigation coverage and water retention is a challenge.

D SOLVE



32-64 fl. oz./acre

D-Solve is a unique blend of strong, yet safe acids designed to release calcium, destroy bicarbonate layering, and ultimately move sodium, from soil colloids. A powerful tool for anyone forced to use poor water quality.

CLEANSE



6 fl. oz./1,000 sq. ft.

Cleanse is an advanced soil remediation agent. Unlike traditional soil surfactants that temporarily mask the symptoms of hydrophobic soils, **Cleanse** with SOIL SYNC attacks the problem by reducing hydrophobic organic materials throughout the root zone.

THE WORKS



Mix 1-3 pints / 100 gal of water in spray tank.

A must have anytime herbicides, insecticides and fungicides are applied. Increases chemical penetration, reduces drift, improves deposition and buffers pH of spray solution.

ARGO



13.8% Penetrant
2 Humic Acid
0.4% Fulvic Acid
0.6% Fe
2-4 oz./1,000

Argo is an all in one product to enhance the performance and beauty of sports fields, lawns and landscapes. In the soil, **Argo** works to bring water, nutrients and air into balance for an incredible plant reaction. The penetrating molecule drives moisture and nutrients deep and consistently throughout the soil medium.

Incorporating Turf Fuel products into my field management program has really paid off. Excellent color with great playing conditions.

—Steve “Pup” Bernard
Stetson Softball

SPORTS FIELD PERFORMANCE PLANS

NUTRITIONAL = **N**
SPECIALTY = **S**

RAPID RECOVERY

Whether you need quick spring recovery, or recovery from a large tournament or concert, the Rapid Recovery Program will deliver. Delivery plant energy, drive density tighten the canopy.

CATEGORY	PRODUCT	RATE/ 1,000 sq ft
N	QUICK GREEN	6.0
N	ELEMENT 6	3.0
N	PHOTO FUEL	3.0

OLYMPIC GOLD

Olympic Gold is our tried and true maintenance application. Delivery stress fighting compounds on multiple fronts along with excellent nutrition to keep your turf performing at the highest level. Apply every 7-14 days.

CATEGORY	PRODUCT	RATE/ 1,000 sq ft
N	BASE N25	6.0-9.0
N	ELEMENT 6	3.0
N	MZ-23	3.0
S	VANQUISH	3.0

SOIL REBOOT PROGRAM

During the heat of the growing season soils need a reboot. Use TurfFuel's Ctrl-Alt-Del program to remove contaminants, re-mediate organic buildup, dissolve chemical layering, and recharge the rootzone.

PRODUCT	RATE/ 1,000 sq ft
D-SOLVE	1.5
CLEANSE	6.0
CARBON 21	3.0-6.0

SHADE ENHANCEMENT

Shade from buildings, bleachers and trees has a drastic impact on turf health and vigor. Turf Fuel's Shade Enhancement program provides vital energy and growth support materials to fuel turf, allowing it to thrive in shaded areas.

PRODUCT	RATE/ 1,000 sq ft
PHOTO FUEL	3.0
ELEMENT 6 OR CARBON 21	3.0
MZ-23	3.0

COLOR ATTACK

Turf Fuel's Color Attack supplies key nutrients for chlorophyll production and dynamic turf color. Along with improved color you'll also see the health of your plants increase with an assortment of stress-relief chemistries.

PRODUCT	RATE/ 1,000 sq ft
MINORS KELP	3.0-6.0
LESSEN 11	3.0-6.0
MZ-23	3.0

MOISTURE ABUNDANCE

Increase soil moisture during those times when irrigation and precipitation are limited. Especially popular in areas with irrigation coverage is poor or non-existent or where there is a scarce water supply.

PRODUCT	RATE/ 1,000 sq ft
MOISTURE MAGNET LIQUID	0.75-1.5
OR	
MOISTURE MAGNET GRANULAR	3-5 lbs.
ARGO	2.0-4.0



AT-A-GLANCE

TURF AND SOIL PRODUCT ANALYSIS														
PRODUCT	RATE	MAJOR			SECONDARY		MICRONUTRIENTS							PO ₃
	fl oz/ 1,000 sq ft	N	P ₂ O ₅	K ₂ O	Ca	Mg	B	Cu	Fe	Mn	Mo	Si	Zn	PO ₃
Photo Fuel + Nutrifense	2.0-4.0	12%	—	—	—	0.25%	—	0.15%	4%	2%	0.04%	—	—	0.005
Respo Fuel + Nutrifense	2.0-4.0	—	—	—	8%	—	—	0.15%	—	—	—	0.5%	—	—
Carbon 21	3.0-6.0	—	—	3%	—	—	—	—	—	—	—	—	—	—
Element 6 + Nutrifense	3.0-6.0	13%	—	3%	—	—	—	—	—	—	—	2%	—	—
Minors Fuel Kelp	2.0-6.0	—	—	—	—	1.5%	0.1%	0.005%	3.5%	0.75%	—	—	0.75%	—
Greens Phite Supreme	1.5-4.0	—	—	20%	—	—	—	—	—	—	—	3%	—	30%
MZ-23	2.0-4.0	—	—	5%	—	—	—	—	—	2.8%	—	—	3.2%	23%
Root Down 18-0-0 + G2D	3.0-8.0	18%	—	—	—	0.3%	—	—	0.9%	1.2%	—	—	—	—
Base N25 + G2D	3.0-6.0	25%	—	—	—	—	—	—	—	—	—	—	—	—
Base K26 + G2D	2.0-3.0	—	—	26%	—	—	—	—	—	—	—	—	—	—
Quick Green	3.0-9.0	14%	20.0%	—	—	—	—	—	—	—	—	—	—	—
Lessen 11	6.0-8.0	—	—	—	7%	—	—	—	—	—	—	0.25%	—	—
XChange	3.0-6.0	—	—	1%	—	—	—	—	1.5%	—	—	—	—	—

SPECIALTY PRODUCTS			
PRODUCT	CATEGORY	RATE	USE
Argo	Soil Surfactant	2-4 fluid ounces per 1,000 square feet	Soil Penetrant and Conditioner
Vanquish	Soil Surfactant	6 fluid ounces per 1,000 square feet	Treatment of LDS
Moisture Magnet	Soil Surfactant	16-128 ounces per 100 gallons	Water Holding Surfactant
Cleanse	Soil Surfactant	6 fluid ounces per 1,000 square feet	Soil Remediation and Recovery
The Kraken	Soil Surfactant	6 fluid ounces per 1,000 square feet	Consistent 30-Day Hydration
Distance	Soil Surfactant	8-16 fluid ounces per 1,000 square feet	120 Longevity
AquaNox	Irrigation Aid	1-4 quarts per acre	Water Efficiency
D-Solve	Soil Acidifier/Penetrant	32-64 fluid ounces per acre	Remove Biocarbonates/Sodium
The Works	Foliar Adjuvant	½-4 points per 100 gallons	Acidifier / Spreader / Sticker
Helix	Foliar Adjuvant	1-2 points per 100 gallons	Activator/Spreader
Tank pHix	Water Conditioner	4-8 fluid ounces per 100 gallons	Spray Tank Buffer
Tergo	Tank Cleaner	RTU or 50/50 Dilution	Pigment Tank Cleaner
Pacific Blue HC	Colorant	6-8 fluid ounces per 100 gallons	Spray Indicator and Pond Dye
Pacific Blue SPI	Colorant	16-32 fluid ounces per acre	Spray Dye Indicator
Pacific Green SPI	Colorant	32-64 fluid ounces per acre	Spray Dye Indicator
Hulk	Turf Pigment	16-32 fluid ounces per acre	UVB Pigment Colorant



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