







SOIL TEST RESULTS

* All soil tests were conducted by an independent, third-party laboratory.

Project:	5629-0020-1
* Project Name:	Hsc #2
Project Number:	
File #:	
Location:	Mesa, Colorado United States
Notes:	

SOIL SAMPLE LOCATIONS AND DESCRIPTIONS

Sample (#)	Location	Description
1	N/A	N/A

RECOMMENDED PRESCRIPTIVE AGRONOMIC FORMULATIONS BASED ON SOIL ANALYSIS

Please contact Profile Technical Services (tech@profileproducts.com) regarding these test results

	Soil Neutralizers						Growth Stimulants				Biotic Soil Media	
	Aqua-pHix™ 1		NeutraLime™ 2		Agricultural Lime		JumpStart™		BioPrime™		ProGanics™ 4	
Sample	gal/ac	L/ha	lb/ac	kg/ha	lb/ac	kg/ha	gal/ac	L/ha	lb/ac	kg/ha	lb/ac	kg/ha
1	10	94	0	0	0	0	5	47	160	179	4,500	5,040

Notes: 1. Aqua-pHix is also available in a granular form, please contact Tech@profileproducts.com with questions. 2. NeutraLime is also available in a liquid form, please contact Tech@profileproducts.com with questions. 3. Based on 100% Calcium Carbonate Equivalent tilled in to a depth of 6in. 4. ProGanics DUAL® or HydroStraw® All In One BFM may be a suitable alternative to ProGanics BSM, please contact tech@profileproducts.com to receive recommendations. Customizable specifications for these products and others can be found at erosioncontrolspecs.com.

FERTILIZER RECOMMENDATIONS

	Crop Yield or Turf / Ornamental Code	Gypsum		Sulfur		N		P2O5		K2O	
Sample		lb/ac	kg/ha	lb/ac	kg/ha	lb/ac	kg/ha	lb/ac	kg/ha	lb/ac	kg/ha
1	TURF	479	537	0	0	122	136.7	100.2	112.3	56.6	63.5

SOIL ANALYSIS RESULTS

(Optimal Plant Growth Conditions)

Sample	Nitrate N ppm	Phosphorus ppm	Potassium ppm	Magnesium ppm	Calcium ppm	Sulfur ppm	Zinc ppm	Manganese ppm	Copper ppm	Iron ppm	Boron ppm
1	2.1	5	157	403	3632	5	0.35	0.6	0.8	6.9	0.9
	(10 - 30)	(20-40)	(150 - 250)	(60 - 300)	(≥ 400)	(5 - 20)	(1.3 - 3.0)	(4.1 - 12.0)	(1.0 - 2.0)	(7.1 - 20.0)	(< 2.0)

Sample	% Organic Matter	Soil Respiration mg CO2/kg soil/week5	Sand %	Silt %	Clay %	Texture USDA
1	1.3	Not Tested	43.6	26.4	30	Clay Loam
	(> 5%)	(> 1,000)	(20 - 60%)	Silt & Clay (40 - 80%)		

Notes: 5. Soil Respiration ppm = mg/kg

							Bulk Density	
Sample	Soil pH6	Buffer Index	TDS7 ppm	Soluble Salts mmhos/cm	Sodium ppm	SAR8	g/cm3	oz/in3
1	8.9	7.5	3148.8	4.92	331	1.82	1.43	0.83
	(6.3 - 7.3)		(<256)	(< 0.75)		(<2)		

Notes: 6. Contact Tech@profileproducts.com if pH is < 4.2 or > 9.2 for specific site recommendation. 7. Total Dissolved Salts. 8. Sodium Adsorption Ratio.

	Cation Exchange Capacity: Actual % of Total CEC						Saturated Paste Extract Results				
Sample	% K	% Mg	% Ca	% Na	% H	Total CEC	Bicarbonate ppm	Chloride ppm	Silicon ppm	SO4 ppm	Zinc ppm
1	1.7	14.4	77.7	6.2	0	23.4	344.1	16.6	654.1	25	0.2

	Cation Exchange Capacity: Actual % of Total CEC						Saturated Paste Extract Results				
Sample	% K	% Mg	% Ca	% Na	% H	Total CEC	Bicarbonate ppm	Chloride ppm	Silicon ppm	SO4 ppm	Zinc ppm
	(3 - 7%)	(15 - 20%)	(65 - 75%)	(0 - 4%)	(0 - 5%)	(10 - 30)					

For full overview of all soil testing methods and their interpretation please click on this link for the [Profile Technical Document - Soil Testing and Interpretation](#)

GENERAL FERTILIZATION GUIDANCE

- Fertilizer recommendations are based on annual requirements for turfgrass species. Application rates should be adjusted to account for annual application time, seasonality and vegetation that is being planted.
- Contact your seed supplier for specific recommendations that are applicable to your seed blend, area, and climate.
- Values shown above for Macro and Micro Nutrients should be reviewed by a local agronomist prior to making any general fertilization recommendations.

**RICHLAWN
CUSTOM BLEND**

3-6-3

with Mycorrhizae

0-11-11

Manufactured by
Richlawn Turf Food, LLC
15121 WCR 32, Platteville, CO 80651

Exclusively for Triton Environmental

GUARANTEED ANALYSIS

Total Nitrogen (N)	3.00%
2.50% Water Insoluble Organic Nitrogen*	
0.10% Water Soluble Organic Nitrogen	
Available Phosphate (P ₂ O ₅)	6.00%
Soluble Phosphate (P ₂ O ₅)	3.00%
Calcium (Ca)	11.00%

Plant Nutrient Sources: Dried Poultry Manure, Bone Meal and Sulfate of Potash.

*2.99% Water Soluble Nitrogen from Dried Poultry Manure and Bone Meal.

Non-Fungal Fertilizer Analysis per 50 lbs.
Ends Mycorrhizae

7500 Propagules Glomus mosseae	15%
7500 Propagules Glomus etunicatum	
7500 Propagules Glomus intradices	
7500 Propagules Glomus aggregatum	30,000 Propagules

Net Weight 50 lbs. (22.68 Kg.)



970-586-3391

PO Box 1149, Estes Park, Co 80517

NONPLANT FOOD INGREDIENT: 4% Humic Acid
derived from leonardite.

DENSITY: 8.80 lb per gallon 1.05 kg per liter

HANDLING: In case of accidental exposure, flush
water. Temporary staining may occur. Product is
non-hazardous. Protective gloves and eye
protection recommended.

KEEP AWAY FROM CHILDREN. NOT FOR HUMAN
CONSUMPTION. Buyer assumes all risks of use,
storage and handling of this material. Neither seller
nor its agent make any warranty, expressed or
implied, concerning this product, except in
conformity with statements on the label.

BIOFLORA SYSTEMS MANUFACTURED AND GUARANTEED BY:
GLOBAL ORGANICS, LLC 16121 W. EDDIE ALBERT WAY
GOODYEAR, AZ 85338



Lot# B125-05-23

LOT 125 – FOR TURF & LANDSCAPING

5.5 Gallons (18.92 Liters)

PURPOSE STATEMENT: May enhance micronutrient uptake.

DIRECTIONS FOR USE: Hand-Application Details

Using a hose end sprayer apply 1 quart per 1,000 sq. ft. a
minimum of 3 times per year. Using a backpack or tank
sprayer blend 1 gallon with 3 gallons of water and apply
finished mix at 1 gallon per 4,000 sq. ft. area at least 3 times
per year.

NEW INSTALLATION OF SOD: Apply product at the rate of 1
quart per 1,000 sq. ft. 1 day before installation or
immediately after installation. Blend with as much water as
needed to get the coverage requirement.

NEW SEED & GERMINATION: Apply 1 quart per 1,000 sq. ft.
1 day prior to planting or immediately after seeding. Re-
apply in 30 days followed by 3 applications per year after
seed has germinated.

TRANSPLANTING TREES & SHRUBS: Bare Root - blend 1
gallon with 40 gallons of water. Dip root in solution and
plant. After planting, add one quart of solution per inch
diameter of the plant.

COMPATIBILITY: To ensure ease of mixing and application,
dilute with sufficient amounts of water. Jar test new mixes.
Do not mix with soil fumigants, aqua ammonia, sulfuric acid
or urea sulfuric acid.

PINYON-JUNIPER WOODLAND

LOT: G-240974

Mixture/Variety :

WESTERN WHEATGRASS, ROSANA
 INDIAN RICEGRASS, NEZPAR
 4-WING SALT BUSH, VNS
 THICKSPIKE WHEATGRASS, CRITANA
 WINTER FAT, VNS
 SLENDER WHEATGRASS, SAN LUIS
 SULPHUR FLOWER, VNS
 LEWIS BLUE FLAX, APPAR
 SANDBERG BLUEGRASS, VNS
 SCARLET GLOBEMALLOW, VNS
 PRAIRIE CONEFLOWER (MEXICAN HAT), VNS
 SAND DROPSEED, VNS
 WESTERN YARROW, VNS

Pure Seed
%

21.63%
 15.63%
 14.93%
 14.06%
 10.42%
 8.81%
 3.06%
 2.22%
 1.79%
 0.86%
 0.69%
 0.61%

Total
Viable%

88.00%
 95.00%
 92.00%
 94.00%
 56.00%
 96.00%
 53.00%
 97.00%
 91.00%
 82.00%
 92.00%
 86.00%

Origin:

WA
 WY
 UT
 WY
 NV
 WY
 ID
 WY
 MT
 UT
 OR
 OK
 UT

* VNS = Variety Not Stated

Crop Seed: 0.03% Inert Matter: 5.03% Weed Seed: 0.07% Net Wt: 37.9#

Noxious Weeds NONE FOUND

Tested: 04/2024

CUSTOM MIX FOR TRITON/FERGUSON
THIS 37.9# BULK BAG SHOULD COVER APPROX.
1.0 ACRE

Buffalo Brand Seed

Greeley, CO 80631

(970) 356-4710

ProPlus®
Prescriptive Agronomic Formulations

AquaGel™

- HOLDS UP TO 400 TIMES ITS OWN WEIGHT IN WATER
- IDEAL FOR TRANSPLANTS, LAYING SOD, ROOT DIP AND AS A SOIL AMENDING MEDIUM

APPLICATION RATE

2.5 Measuring Cups = 1 Lb.

☐ **SERIES 500 A**
Soil Amending

Heavy Clay 1.5 Lbs. Per Cubic Yard
Combination 2.0 Lbs. Per Cubic Yard
Sandy Soil 2.5 Lbs. Per Cubic Yard

☐ **SERIES 500 C**

Hydro Seeding & Bare Root Planting
Transplants 1 Lb. Per 40 Gal. H₂O Dip
Hydro Seed 10 Lbs. Per Acre

☐ **SERIES 500 B**
Laying Sod

Laying Sod 50 Lbs. Per Acre

☒ **SERIES 500 D**
Hydro Seeding & Transplants
Seed Coat 1 Lb. Per 100 Lbs. Of Seed
Transplants 1 Lb. Per 40 Gal. H₂O
Hydro Seed 10 Lbs. Per Acre

CAUTION: AquaGel™ is very slippery when fully hydrated. Rinse all areas that may have been unintentionally covered with water until clean. Exercise care when working on or around machinery.

Profile Products LLC • 750 Lake Cook Road • Suite 440 • Buffalo Grove, IL 60089 • 800-556-2110
www.profileproducts.com

NET WEIGHT 50 POUNDS (22.6 kg)