



Account No.:	2690
Invoice No.:	
Date Recd.:	4/19/2024
Date Repd.:	4/23/2024

Name:	ANDY BRUNO
Company:	NUTRIENT FARM LLC
Address:	PO BOX 560
City, State, ZIP:	NEW CASTLE, CO 81647

Grower:	NUTRIENT FARM LLC
Field ID:	G1
Sample ID 1:	1-240220
Sample ID 2:	-
Sample Depth:	0-8

HANEY SOIL HEALTH ANALYSIS

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
12724	70.7	2.4	73.1	98.0	24.1	0.33	24.1	0.0	233.2	13.3	10.0	3.3	3.3	0.0	30.5
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH 1:1	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
12724	7.7	-	0.59	HIGH	4.1	157	2566	272	115	0.11	2.2	12	0.20	55	68.66
Rank															

Lab #	Soil Health					Nitrogen Comparison				Reviewer Comments
	H2O Extract					Traditional N lbs/A	Haney N lbs/A	Differ. N lbs/A	Savings N \$/A	
	Soil Resp. ppm CO2-C	Org. C ppm C	MAC %	C:N	SHC					
12724	93.2	268	34.8	11.10	17.08	10% Legume 90% Grass	169.7	233.2	63.6	66.09
Rank										

Lab #	Intended		N Credits, lbs/A			Fertility Recommendations, lbs of Required Nutrients per Acre									
	Crop	Yield Goal	Past Crop	Subsoil	Haney	N	P2O5	K2O	S	Zn	Mg	Fe	Mn	Cu	Lime T/A

Reviewed By: Lance Gunderson

Date: 4/23/2024

Recommendations Provided by Regen Ag Lab, LLC

Analysis Performed by Regen Ag Lab, LLC

Regen Ag Lab, LLC
31740 Hwy 10, Pleasanton NE 68866

Gain Ground

308-627-0065
regenaglab.com



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Grower:	NUTRIENT FARM LLC
Field ID:	O1
Sample ID 1:	2-240220
Sample ID 2:	-
Sample Depth:	0-8

HANEY SOIL HEALTH ANALYSIS

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
12725	13.9	2.2	16.1	38.0	21.2	1.27	21.2	0.0	89.5	13.8	9.8	4.0	3.1	0.9	29.7
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH 1:1	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
12725	8.0	-	0.21	HIGH	3.5	139	1603	259	17	0.69	5.3	26	0.16	65	14.55
Rank															

Lab #	Soil Health					Nitrogen Comparison				Reviewer Comments
	H2O Extract					Traditional N lbs/A	Haney N lbs/A	Differ. N lbs/A	Savings N \$/A	
	Soil Resp. ppm CO2-C	Org. C ppm C	MAC %	C:N	SHC					
12725	62.2	237	26.2	11.18	13.08	40% Legume 60% Grass	33.4	89.5	56.1	58.38
Rank										

Lab #	Intended		N Credits, lbs/A			Fertility Recommendations, lbs of Required Nutrients per Acre									
	Crop	Yield Goal	Past Crop	Subsoil	Haney	N	P2O5	K2O	S	Zn	Mg	Fe	Mn	Cu	Lime T/A

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Address:	PO BOX 560
City, State, ZIP:	NEW CASTLE, CO 81647

Grower:	NUTRIENT FARM LLC
Field ID:	O2
Sample ID 1:	3-240200
Sample ID 2:	-
Sample Depth:	0-8

HANEY SOIL HEALTH ANALYSIS

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
12726	20.6	2.5	23.1	41.1	17.7	0.76	17.7	0.0	97.9	24.5	17.5	7.0	7.0	0.0	56.3
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH 1:1	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
12726	7.9	-	0.30	HIGH	4.3	235	1509	239	23	0.54	4.5	29	0.18	93	12.57
Rank															

Lab #	Soil Health					Nitrogen Comparison				Reviewer Comments
	H2O Extract					Traditional N lbs/A	Haney N lbs/A	Differ. N lbs/A	Savings N \$/A	
	Soil Resp. ppm CO2-C	Org. C ppm C	MAC %	C:N	SHC					
12726	186.4	242	76.9	13.70	22.15	20% Legume 80% Grass	49.4	97.9	48.5	50.44
Rank										

Lab #	Intended		N Credits, lbs/A			Fertility Recommendations, lbs of Required Nutrients per Acre									
	Crop	Yield Goal	Past Crop	Subsoil	Haney	N	P2O5	K2O	S	Zn	Mg	Fe	Mn	Cu	Lime T/A

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City, State, ZIP:	NEW CASTLE, CO 81647

Grower:	NUTRIENT FARM LLC
Field ID:	O3
Sample ID 1:	4-240220
Sample ID 2:	-
Sample Depth:	0-8

HANEY SOIL HEALTH ANALYSIS

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
12727	10.8	2.1	12.9	31.5	17.3	1.22	10.0	7.4	54.9	3.4	1.8	1.6	0.7	0.9	5.8
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH 1:1	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
12727	8.0	-	0.18	HIGH	3.6	108	2628	176	20	0.06	1.3	18	0.10	49	6.46
Rank															

Lab #	Soil Health					Nitrogen Comparison				Reviewer Comments
	H2O Extract					Traditional N lbs/A	Haney N lbs/A	Differ. N lbs/A	Savings N \$/A	
	Soil Resp. ppm CO2-C	Org. C ppm C	MAC %	C:N	SHC					
12727	34.4	239	14.4	13.84	9.96	50% Legume 50% Grass	25.9	54.9	29.0	30.15
Rank										

Lab #	Intended		N Credits, lbs/A			Fertility Recommendations, lbs of Required Nutrients per Acre									
	Crop	Yield Goal	Past Crop	Subsoil	Haney	N	P2O5	K2O	S	Zn	Mg	Fe	Mn	Cu	Lime T/A

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Grower:	NUTRIENT FARM LLC
Field ID:	H1
Sample ID 1:	5-240220
Sample ID 2:	-
Sample Depth:	0-8

HANEY SOIL HEALTH ANALYSIS

Lab #	Nitrogen									Phosphorus					
	H3A Extract			H2O Extract						H3A Extract					
	Nitrate ppm NO3-N	Ammonium ppm NH4-N	Inorg. N ppm N	Total N ppm N	Org. N ppm N	Org. N: Inorg. N	Org. N Rel. ppm N	Org. N Res. ppm N	Avail. N lbs/A	Total P ppm P	Inorg. P ppm PO4-P	Org. P ppm P	Org. P Rel ppm P	Org. P Res. ppm P	Avail. P lbs/A
12728	8.5	2.4	10.9	31.9	20.6	1.82	14.8	5.8	61.5	13.7	9.8	3.9	2.1	1.8	27.4
Rank															

Lab #	Other Soil Measures					Fertility									
						H3A Extract									
	Soil pH 1:1	Buffer pH Mod. WDRF	Soluble Salt mmho/cm	Excess Lime	Soil OM % LOI	Potassium ppm K	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Manganese ppm Mn	Iron ppm Fe	Copper ppm Cu	Aluminum ppm Al	Sulfur ppm S
12728	7.8	-	0.19	HIGH	3.8	104	1121	166	20	0.50	5.5	37	0.13	86	4.60
Rank															

Lab #	Soil Health					Nitrogen Comparison				Reviewer Comments
	H2O Extract					Traditional N lbs/A	Haney N lbs/A	Differ. N lbs/A	Savings N \$/A	
	Soil Resp. ppm CO2-C	Org. C ppm C	MAC %	C:N	SHC					
12728	48.5	271	17.9	13.13	12.32	40% Legume 60% Grass	20.4	61.5	41.1	42.76
Rank										

Lab #	Intended		N Credits, lbs/A			Fertility Recommendations, lbs of Required Nutrients per Acre									
	Crop	Yield Goal	Past Crop	Subsoil	Haney	N	P2O5	K2O	S	Zn	Mg	Fe	Mn	Cu	Lime T/A

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