

Timothy Howard
CH2
8600 Elliott Dr

Franktown CO 80116



SOIL, WATER & PLANT TESTING LABORATORY
FORT COLLINS, COLORADO 80523-1120
Phone 970-491-5061 Fax 970-491-2930



NUMBER OF SAMPLES 6
DATE RECEIVED 12/1/2020
DATE REPORTED 12/15/2020
COUNTY Douglas

AGRICULTURAL TEST REPORT

IDENTIFICATION		ROUTINE SOIL TEST RESULTS																	
METHOD USED:				Estimate	Estimate				Modified Walkley Black	AB-DTPA Extract	NaHCO ₃ Extract	AB-DTPA Extract						Hot Water	AB-DTPA Extract
Lab No.	Sample ID	Sample Depth	pH	EC Salts mmhos/cm	Excess Lime	Texture Estimate	SAR	Gyp meq/100g	Organic Matter %	Nitrate N ppm	Phosphorus P ppm	Phosphorus P ppm	Potassium K ppm	Zinc Zn ppm	Iron Fe ppm	Manganese Mn ppm	Copper Cu ppm	Boron B ppm	Sulfur S ppm
F312a	#1 of 6 SE		7.3	0.1	low	clay loam			1.1	19	13.3	7.3	229	1.9	4.3	1.9	7.0	0.35	19.2
F313b	#2of 6 EC		7.2	0.2	low	sandy clay			0.8	20	10.9	6.7	150	2.0	4.1	2.9	6.5	0.31	19.5
F314c	#3of 6 NI		6.9	0.2	low	clay loam			1.2	17	13.8	7.2	151	2.0	3.2	2.3	6.9	0.20	16.4
F315d	#4of 6 NW		7.2	0.1	low	sandy clay loam			1.1	16	16.8	8.9	172	2.0	4.2	3.3	7.2	0.29	15.7
F316e	#5of 6 WC		7.1	0.2	low	sandy clay loam			1.0	35	9.4	5.0	155	1.2	2.6	1.6	3.7	0.35	13.5
F317f	#6of 6 SE		7.5	0.3	low	sandy clay loam			0.9	12	9.6	5.3	161	1.4	2.2	1.0	4.9	0.32	15.2

FERTILIZER RECOMMENDATIONS:

I. D.	FIELD INFORMATION							POUNDS OF ACTUAL NUTRIENT PER ACRE										
Lab No.	Sample ID	Acres	Irrigation	Proposed Crop	Yield Goal	Lime (T/A) to raise pH to:			N lbs/A	P ₂ O ₅ lbs/A	K ₂ O lbs/A	Zn lbs/A	Fe lbs/A	Mn lbs/A	Cu lbs/A	Boron lbs/A	Sulfur lbs/A	Gypsum T/A
						6.0	6.5	7.0										
F312a	#1 of 6 SE	10	pivot	hemp	3T/A				95	55	0	0	0	0	0	0	0	N/A
F313b	#2of 6 EC	10	pivot	hemp	3T/A				95	55	0	0	0	0	0	0	0	N/A
F314c	#3of 6 NI	10	pivot	hemp	3T/A				95	55	0	0	0	0	0	0	0	N/A
F315d	#4of 6 NW	10	pivot	hemp	3T/A				95	55	0	0	0	0	0	0	0	N/A
F316e	#5of 6 WC	10	pivot	hemp	3T/A				50	55	0	0	0	0	0	0	0	N/A
F317f	#6of 6 SE	10	pivot	hemp	3T/A				120	55	0	0	0	0	0	0	0	N/A

SPECIAL COMMENTS AND SUGGESTIONS:

The pH's and salts are at levels that are suitable for plant growth.