



Gary Brown

Fall 2021



Gary Brown
Redmond
Redmond North
Perimeter Acres: 150.7

Field Perimeter Map



Field ID:
Redmond North
State

County

Township:
N/A
Section:
N/A



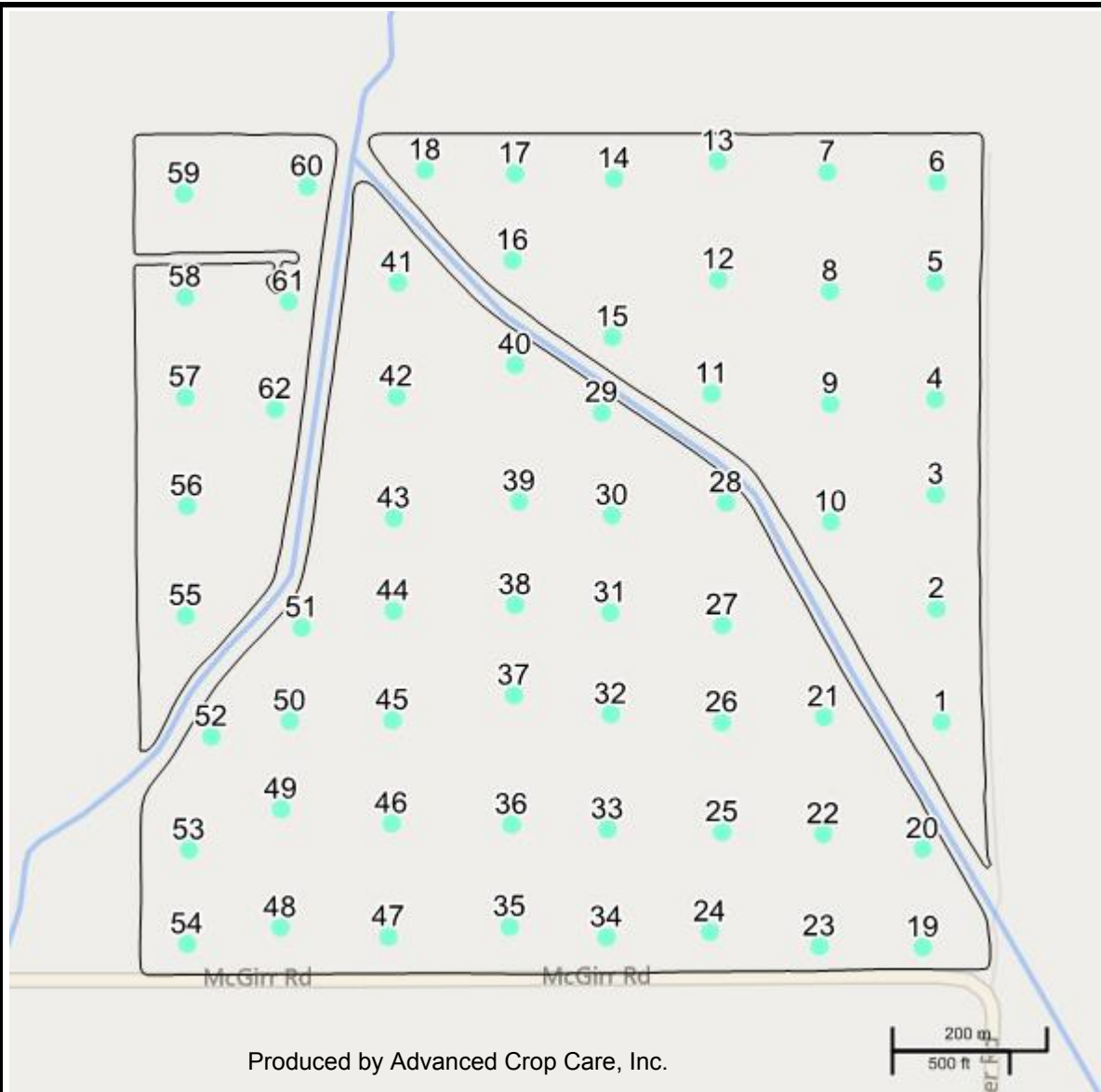
Gary Brown

Fall 2021



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Redmond
Redmond North
Perimeter Acres: 150.7

Sample Locations



Field ID:

State

County

Township:
N/A

Section:
N/A



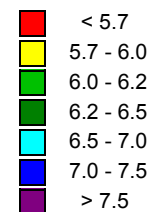
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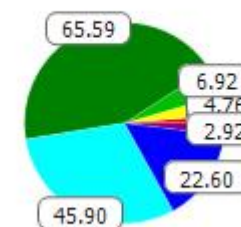


Gary Brown
Redmond
Redmond North
Perimeter Acres: 150.7

pH



Area in Each Range



Mean Value
6.7

Standard Deviation
0.50



Field ID:

State

County

Township:
N/A

Section:
N/A



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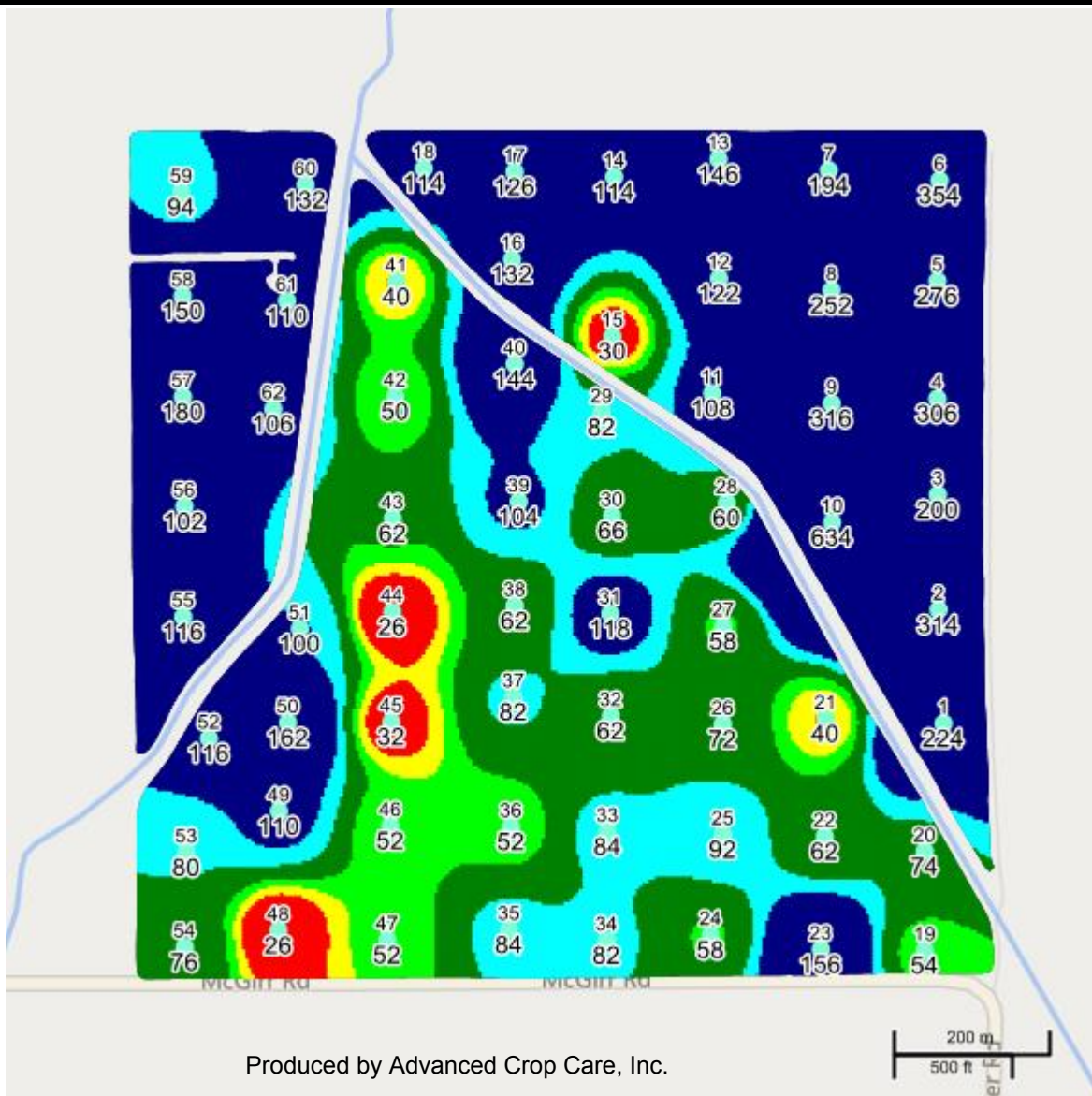


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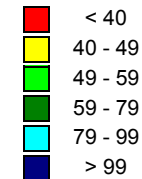


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Perimeter Acres: 150.7

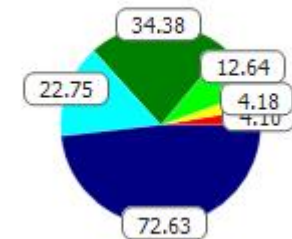


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P
lbs per acre (st)



Area in Each Range



Mean Value
123.9

Standard Deviation
100.60



Field ID:

State

County

Township:
N/A

Section:
N/A



Gary Brown

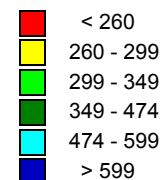
Fall 2021



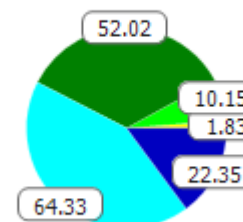
Gary Brown
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Perimeter Acres: 150.7

K

lbs per acre (st)



Area in Each Range



Mean Value
505.4

Standard Deviation
146.11



Field ID:

State

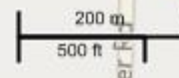
County

Township:
N/A

Section:
N/A



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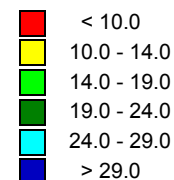
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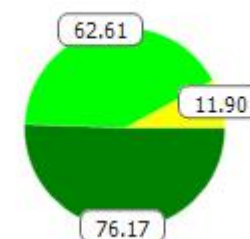


Gary Brown Redmond Redmond North Perimeter Acres: 150.7

CEC
meq/100g



Area in Each Range



Mean Value
18.6

Standard Deviation
3.32



Field ID:

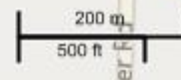
State

County

Township:
N/A

Section:
N/A

Produced by Advanced Crop Care, Inc.





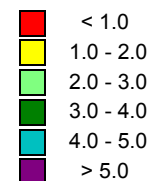
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Fall 2021

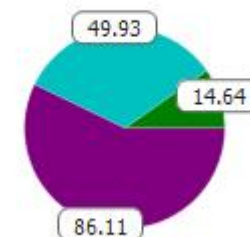


Gary Brown
Redmond
Redmond North
Perimeter Acres: 150.7

OM
percent

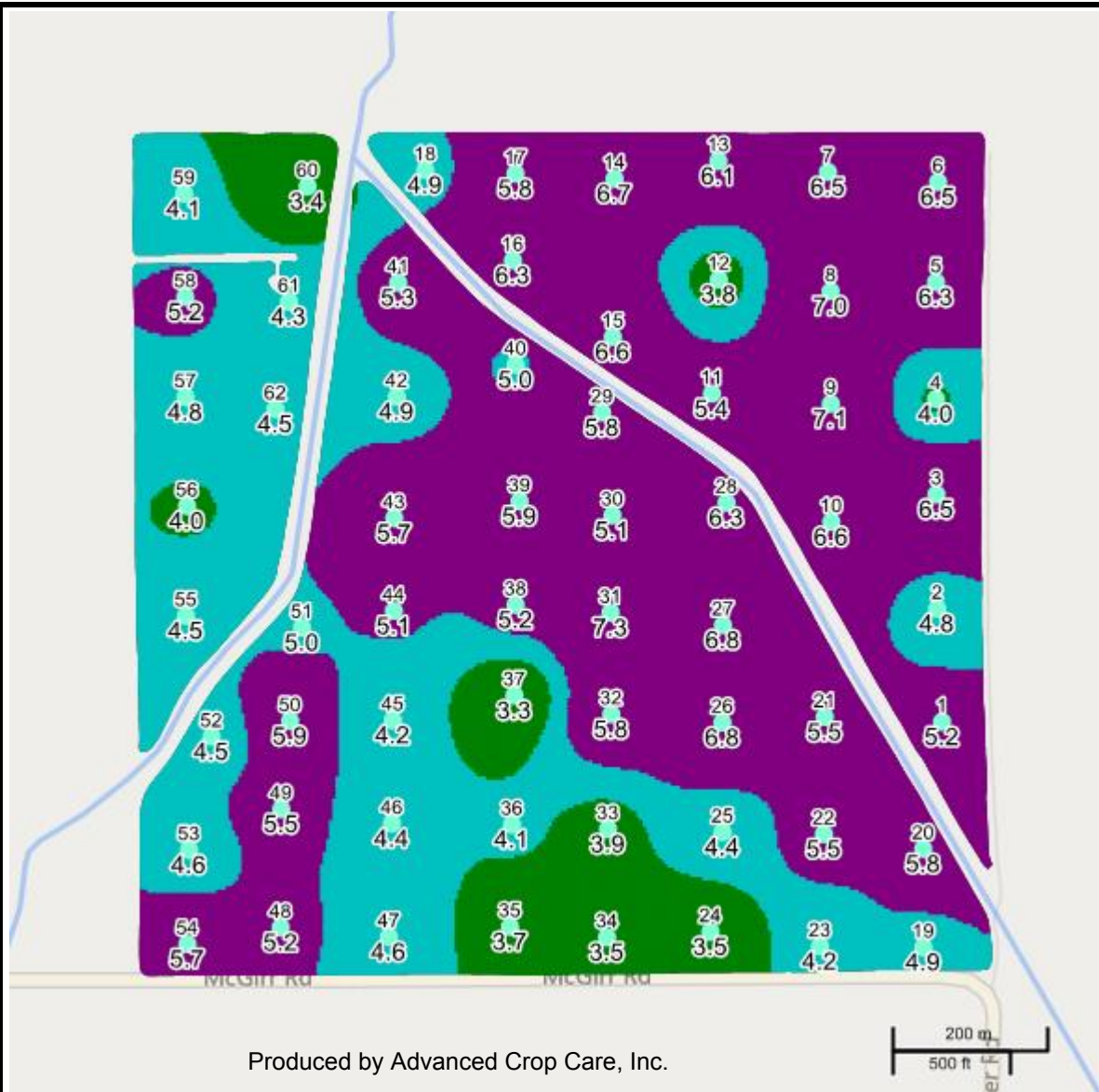


Area in Each Range



Mean Value
5.2

Standard Deviation
1.04



Field ID:

State

County

Township:
N/A

Section:
N/A



Advanced Crop Care, Inc.

Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond North

Area: 150.68

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	pH	P	K	CEC	OM	Calcium	Magnesium	K_Base_Sat	Mg_Base_Sat	Ca_Base_Sat	H_Base_Sat
none	none	lbs per acre (st)	lbs per acre (st)	meq/100g	percent	lbs per acre (st)	lbs per acre (st)	percent	percent	percent	percent
1	6.4	224	736	19.6	5.2	4,400	1,250	4.8	26.6	56.3	12.3
2	6.4	314	408	19.3	4.8	4,400	1,300	2.7	28.0	56.9	12.4
3	6.5	200	558	18.2	6.5	4,100	1,150	3.9	26.4	56.5	13.2
4	6.6	306	572	13.8	4.0	3,100	980	5.3	29.7	56.3	8.7
5	6.0	276	562	19.0	6.3	4,100	1,070	3.8	23.4	53.9	18.9
6	6.3	354	800	20.5	6.5	4,300	1,240	5.0	25.2	52.3	17.5
7	6.3	194	650	20.3	6.5	4,400	1,170	4.1	24.0	54.2	17.7
8	6.4	252	482	23.2	7.0	5,200	1,440	2.7	25.8	56.0	15.5
9	6.5	316	426	19.9	7.1	4,700	1,250	2.7	26.2	59.0	12.1
10	6.5	634	706	21.2	6.6	4,800	1,420	4.3	27.9	56.5	11.3
11	6.5	108	476	21.3	5.4	5,100	1,330	2.9	26.0	59.9	11.3
12	6.3	122	548	11.3	3.8	2,500	760	6.2	28.0	55.2	10.6
13	6.7	146	934	19.3	6.1	4,400	1,410	6.2	30.5	57.1	6.2
14	6.4	114	426	23.7	6.7	5,400	1,460	2.3	25.6	56.9	15.2
15	7.6	30	398	21.1	6.6	6,300	1,170	2.4	23.1	74.5	0.0
16	6.8	132	570	16.7	6.3	4,200	1,190	4.4	29.7	62.9	3.0
17	6.1	126	450	20.5	5.8	4,400	1,270	2.8	25.9	53.7	17.6
18	6.4	114	472	16.7	4.9	3,600	1,130	3.6	28.2	53.8	14.4
19	7.9	54	372	22.5	4.9	8,000	490	2.1	9.1	88.8	0.0
20	7.2	74	432	16.3	5.8	4,600	1,010	3.4	25.9	70.7	0.0
21	6.9	40	294	17.6	5.5	4,600	1,310	2.1	31.0	65.3	1.5
22	6.3	62	462	20.1	5.5	4,300	1,230	3.0	25.5	53.6	17.9
23	7.4	156	962	14.3	4.2	3,500	1,030	8.6	30.1	61.3	0.0
24	7.5	58	580	11.8	3.5	2,800	970	6.3	34.3	59.4	0.0
25	6.5	92	590	13.8	4.4	3,100	990	5.5	29.8	56.0	8.7
26	7.5	72	370	22.7	6.8	6,700	1,320	2.1	24.2	73.7	0.0
27	7.0	58	442	21.5	6.8	5,700	1,610	2.6	31.2	66.2	0.0
28	7.4	60	552	16.8	6.3	4,400	1,230	4.2	30.4	65.3	0.0
29	7.6	82	644	21.2	5.8	5,400	1,640	3.9	32.3	63.8	0.0
30	6.3	66	404	14.9	5.1	3,200	960	3.5	26.8	53.6	16.1
31	6.5	118	528	21.3	7.3	5,000	1,370	3.2	26.8	58.7	11.3
32	6.8	62	430	17.1	5.8	4,400	1,210	3.2	29.5	64.3	3.0
33	6.5	84	506	10.3	3.9	2,200	700	6.3	28.4	53.6	11.7
34	7.2	82	712	13.6	3.5	3,200	1,130	6.7	34.6	58.7	0.0
35	7.3	84	596	14.6	3.7	3,600	1,150	5.2	32.9	61.8	0.0
36	6.6	52	444	14.4	4.1	3,400	980	4.0	28.5	59.2	8.4
37	6.3	82	706	13.4	3.3	2,700	800	6.8	24.9	50.4	17.9
38	6.3	62	486	19.7	5.2	4,400	1,070	3.2	22.7	55.9	18.3
39	6.4	104	554	19.0	5.9	4,400	1,180	3.7	25.8	57.8	12.6
40	6.3	144	694	22.4	5.0	4,900	1,360	4.0	25.3	54.7	16.1
41	7.0	40	398	21.0	5.3	5,200	1,800	2.4	35.7	61.9	0.0
42	6.3	50	294	22.7	4.9	4,900	1,550	1.7	28.5	54.0	15.9



Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond North

Area: 150.68

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	pH	P	K	CEC	OM	Calcium	Magnesium	K_Base_Sat	Mg_Base_Sat	Ca_Base_Sat	H_Base_Sat
none	none	lbs per acre (st)	lbs per acre (st)	meq/100g	percent	lbs per acre (st)	lbs per acre (st)	percent	percent	percent	percent
43	6.6	62	294	21.2	5.7	4,900	1,470	1.8	29.0	57.9	11.3
44	6.9	26	358	17.6	5.1	4,500	1,340	2.6	31.8	64.1	1.5
45	6.5	32	324	13.6	4.2	3,200	950	3.1	29.2	58.9	8.8
46	6.6	52	648	15.9	4.4	3,700	1,100	5.2	28.9	58.3	7.6
47	7.6	52	498	16.6	4.6	4,200	1,310	3.8	32.9	63.3	0.0
48	7.1	26	272	20.1	5.2	5,100	1,670	1.7	34.7	63.6	0.0
49	6.7	110	302	20.5	5.5	5,100	1,490	1.9	30.2	62.1	5.8
50	6.3	162	498	22.0	5.9	4,900	1,330	2.9	25.2	55.6	16.3
51	6.4	100	422	17.6	5.0	3,900	1,170	3.1	27.8	55.5	13.7
52	6.5	116	566	20.7	4.5	4,600	1,450	3.5	29.2	55.6	11.6
53	5.9	80	310	23.0	4.6	4,800	1,390	1.7	25.2	52.2	20.9
54	7.5	76	380	23.1	5.7	5,800	1,940	2.1	35.0	62.9	0.0
55	6.4	116	550	23.1	4.5	5,100	1,450	3.1	26.2	55.2	15.6
56	6.0	102	388	18.3	4.0	3,900	1,080	2.7	24.5	53.1	19.6
57	6.4	180	490	18.3	4.8	4,300	1,080	3.4	24.6	58.8	13.1
58	5.8	150	560	19.4	5.2	4,000	940	3.7	20.2	51.5	24.7
59	5.6	94	364	17.0	4.1	3,400	780	2.7	19.1	50.0	28.2
60	6.5	132	462	15.4	3.4	3,600	1,100	3.9	29.8	58.5	7.8
61	7.4	110	508	17.7	4.3	4,400	1,460	3.7	34.3	62.0	0.0
62	6.3	106	516	20.4	4.5	4,600	1,120	3.2	22.8	56.3	17.6
Average:	6.7	124	505	18.6	5.2	4,387	1,221	3.7	27.7	59.0	9.7



Advanced Crop Care, Inc.

Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond North

Area: 150.68

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	Sulfur	Zinc	Manganese	Iron	Boron	Copper
none	ppm	ppm	ppm	ppm	ppm	ppm
1	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
3	8.0	7.5	30.0	29.0	1.0	2.1
4	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
6	9.0	12.2	23.0	43.0	0.2	3.5
7	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
9	8.0	14.0	32.0	29.0	0.9	3.6
10	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
12	9.0	2.8	31.0	29.0	0.2	1.1
13	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
15	6.0	3.0	53.0	1.0	2.0	1.8
16	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
18	7.0	2.6	28.0	16.0	0.8	1.4
19	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
21	6.0	2.5	35.0	3.0	0.8	1.0
22	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
24	5.0	2.1	50.0	8.0	0.5	0.8
25	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
27	6.0	3.0	34.0	8.0	1.0	1.6
28	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
30	8.0	2.0	30.0	20.0	0.4	0.9
31	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
33	5.0	2.2	44.0	16.0	0.7	1.0
34	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
36	5.0	2.0	39.0	23.0	0.3	1.1
37	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
39	6.0	3.7	30.0	31.0	1.0	1.8
40	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
42	7.0	2.1	23.0	10.0	0.5	1.6
43	0.0	0.0	0.0	0.0	0.0	0.0



Advanced Crop Care, Inc.

Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond North

Area: 150.68

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	Sulfur	Zinc	Manganese	Iron	Boron	Copper
none	ppm	ppm	ppm	ppm	ppm	ppm
44	0.0	0.0	0.0	0.0	0.0	0.0
45	6.0	2.0	33.0	18.0	0.4	1.1
46	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
48	6.0	2.4	40.0	1.0	1.5	2.1
49	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
51	7.0	2.1	30.0	18.0	0.5	1.6
52	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
54	5.0	3.7	33.0	10.0	1.4	2.7
55	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
57	8.0	2.8	26.0	16.0	0.7	2.0
58	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
60	7.0	2.2	30.0	16.0	0.6	1.4
61	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
Average:	2.2	1.2	10.9	5.6	0.2	0.6



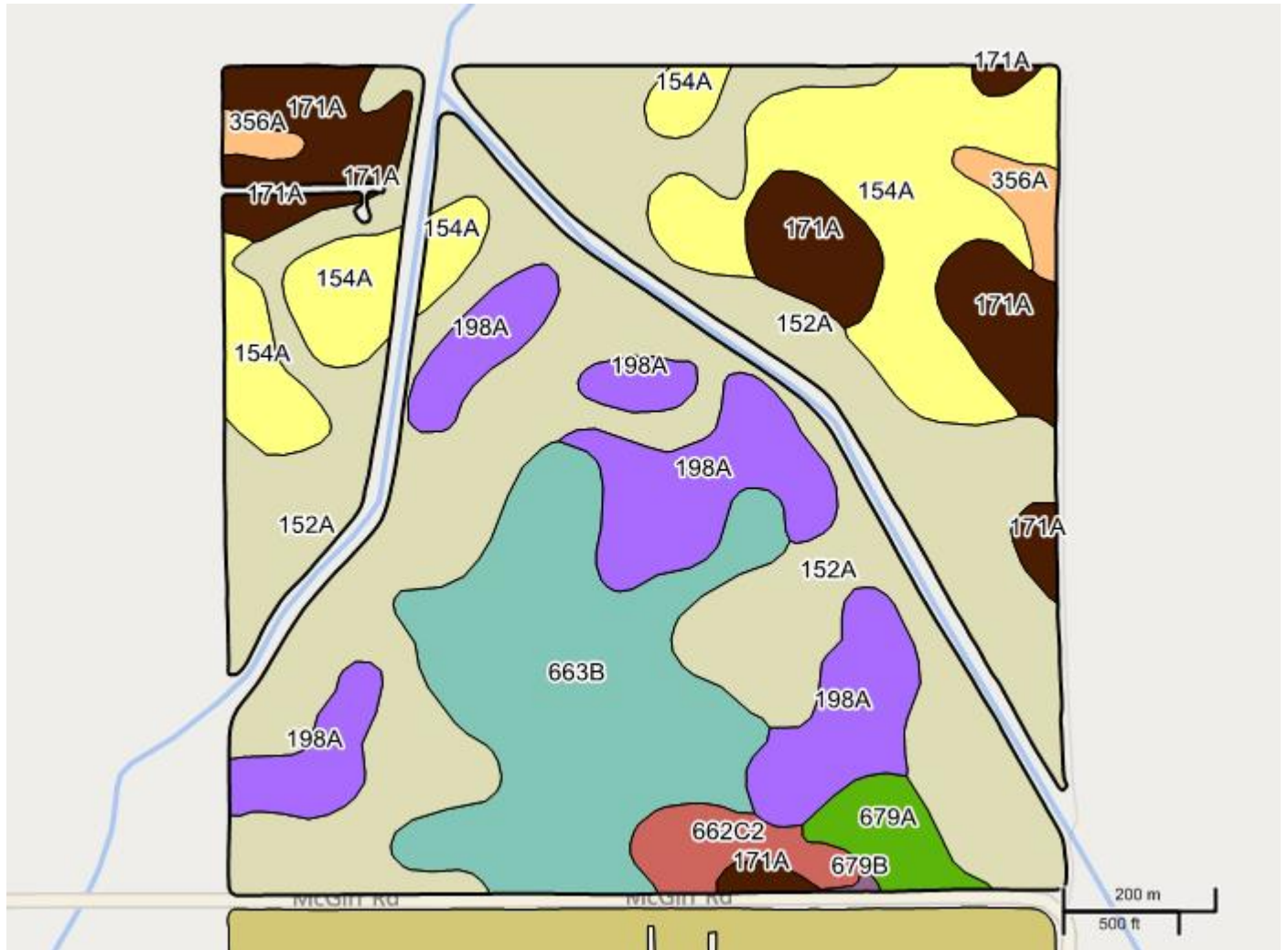
Soil Types

Gary Brown

Area: 150.68

Farm: Redmond

Field: Redmond North



Location:

County:

Township:

Twp Rng Sec:

Directions:

MuSym by Acres

152A - Drummer silty clay loam, 0 to 2 percent sl	65.45
663B - Clare silt loam, 2 to 5 percent slopes	23.35
154A - Flanagan silt loam, 0 to 2 percent slopes	22.33
198A - Elburn silt loam, 0 to 2 percent slopes	18.45
171A - Catlin silt loam, 0 to 2 percent slopes	13.24
662C2 - Barony silt loam, 5 to 10 percent slopes,	3.02
679A - Blackberry silt loam, 0 to 2 percent slopes	2.74
356A - Elpaso silty clay loam, 0 to 2 percent slop	1.99
679B - Blackberry silt loam, 2 to 5 percent slopes	0.11



Soil Type Summary

Gary Brown

Farm: Redmond

Field: Redmond North

MuSym	MuName	MuKey	Corn_Index index	Area acres
152A	Drummer silty clay loam, 0 to 2 percent slopes	183901	0.84	65.46
154A	Flanagan silt loam, 0 to 2 percent slopes	183889	0.91	22.32
171A	Catlin silt loam, 0 to 2 percent slopes	183921	0.95	13.24
198A	Elburn silt loam, 0 to 2 percent slopes	183909	0.91	18.45
356A	Elpaso silty clay loam, 0 to 2 percent slopes	183894	0.88	1.99
662C2	Barony silt loam, 5 to 10 percent slopes, eroded	183908	0.72	3.02
663B	Clare silt loam, 2 to 5 percent slopes	183905	0.91	23.35
679A	Blackberry silt loam, 0 to 2 percent slopes	183946	0.93	2.74
679B	Blackberry silt loam, 2 to 5 percent slopes	183947	0.92	0.11
			Wt Avg: 0.88	Total: 150.68



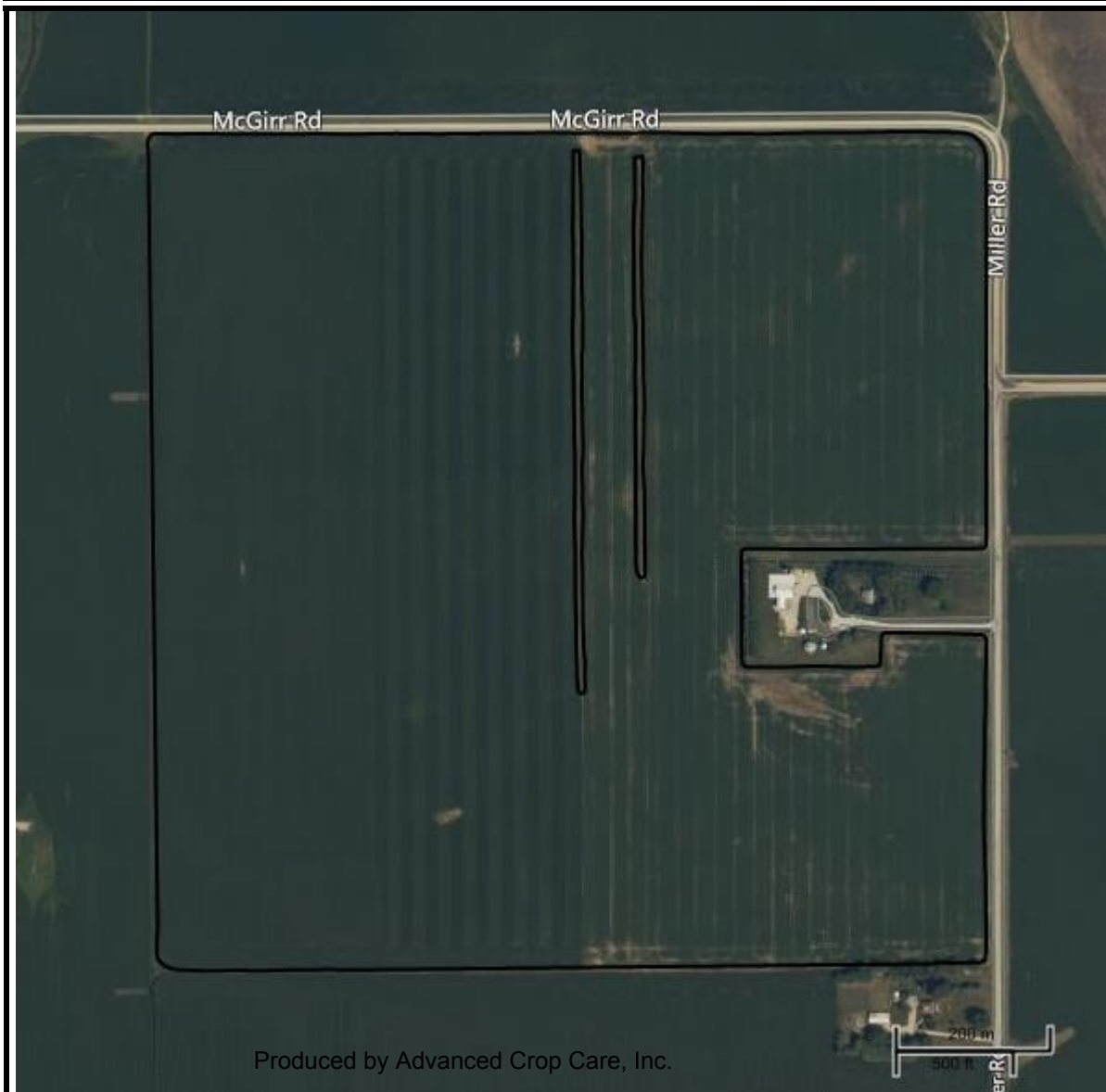
Advanced Crop Care, Inc.

Gary Brown

Fall 2021



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Gary Brown
Redmond
Redmond South
Perimeter Acres: 150.3

Field Perimeter Map



Field ID:
Redmond South
State

County

Township:
N/A
Section:
N/A



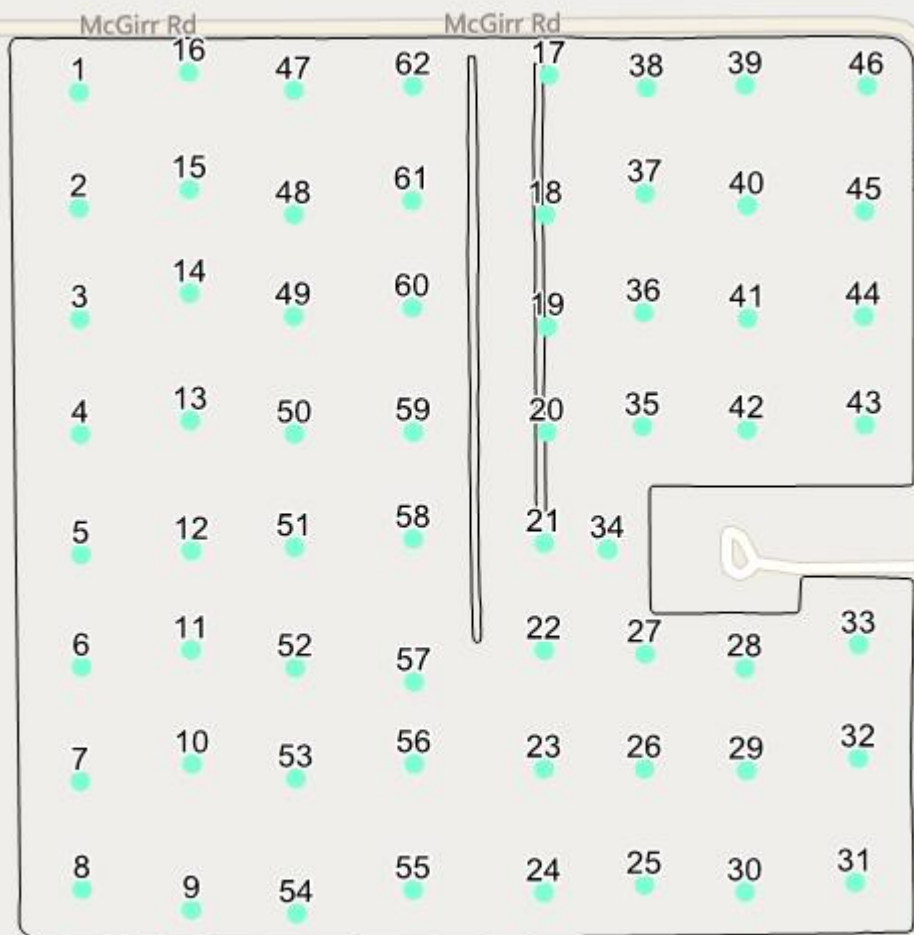
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Fall 2021



Gary Brown
Redmond
Redmond South
Perimeter Acres: 150.3

Sample Locations



Produced by Advanced Crop Care, Inc.

Field ID:

State

County

Township:
N/A

Section:
N/A



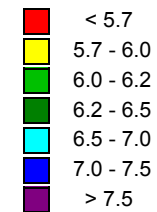
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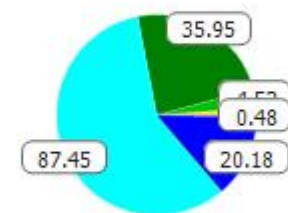


Gary Brown
Redmond
Redmond South
Perimeter Acres: 150.3

pH



Area in Each Range

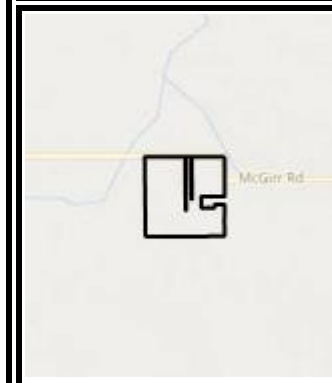


Mean Value
6.7

Standard Deviation
0.37



Produced by Advanced Crop Care, Inc.



Field ID:

State

County

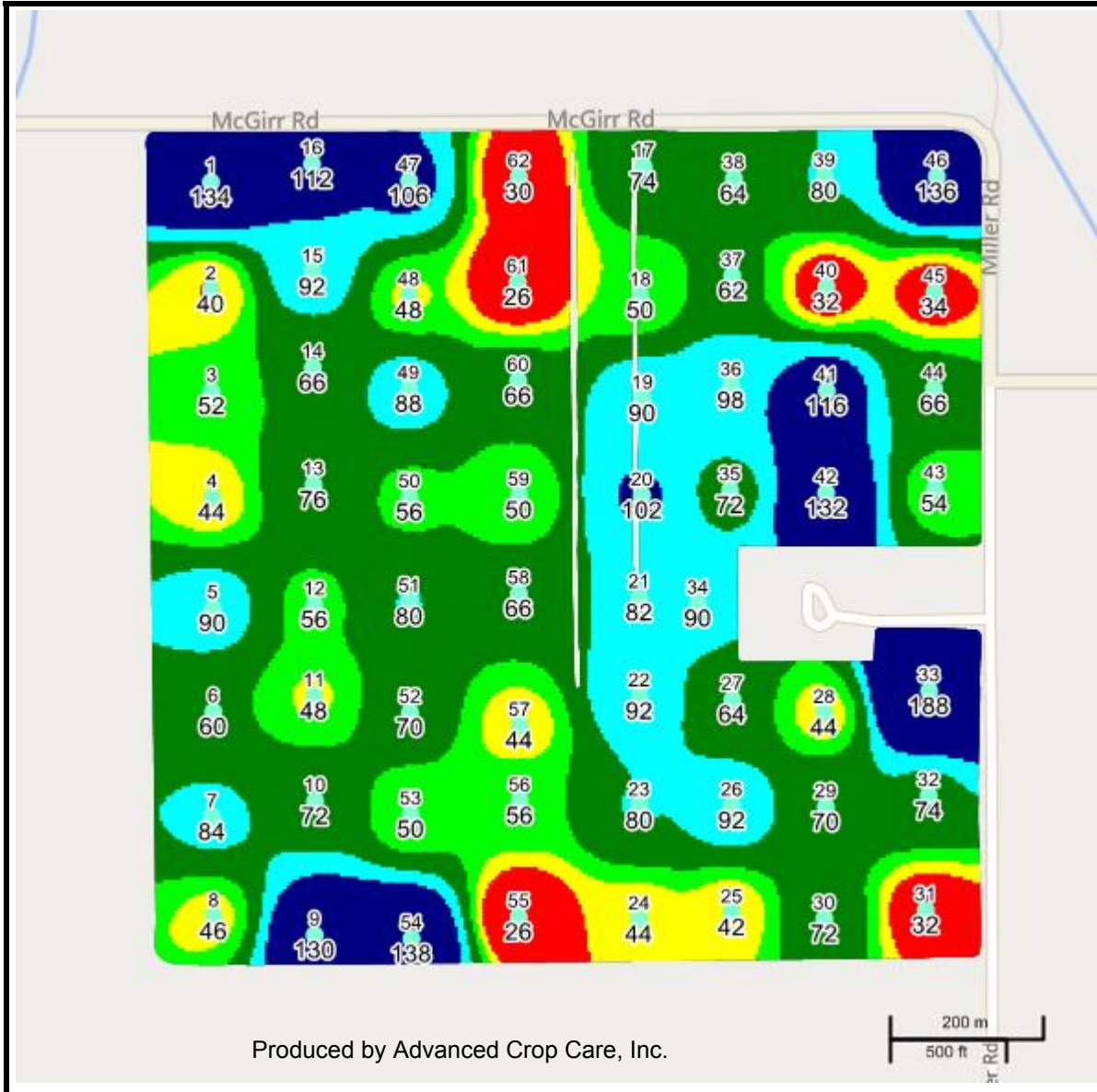
Township:
N/A

Section:
N/A

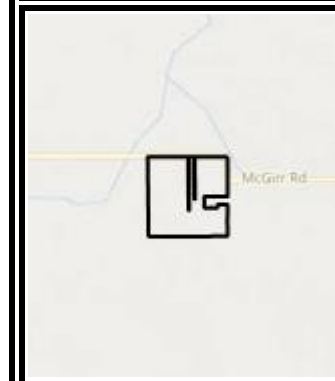
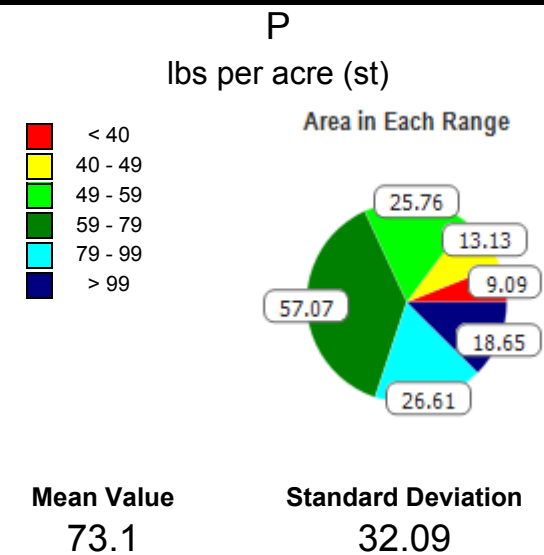


Gary Brown

Fall 2021



Gary Brown
Redmond
Redmond South
Perimeter Acres: 150.3



Field ID:

State

County

Township:

N/A

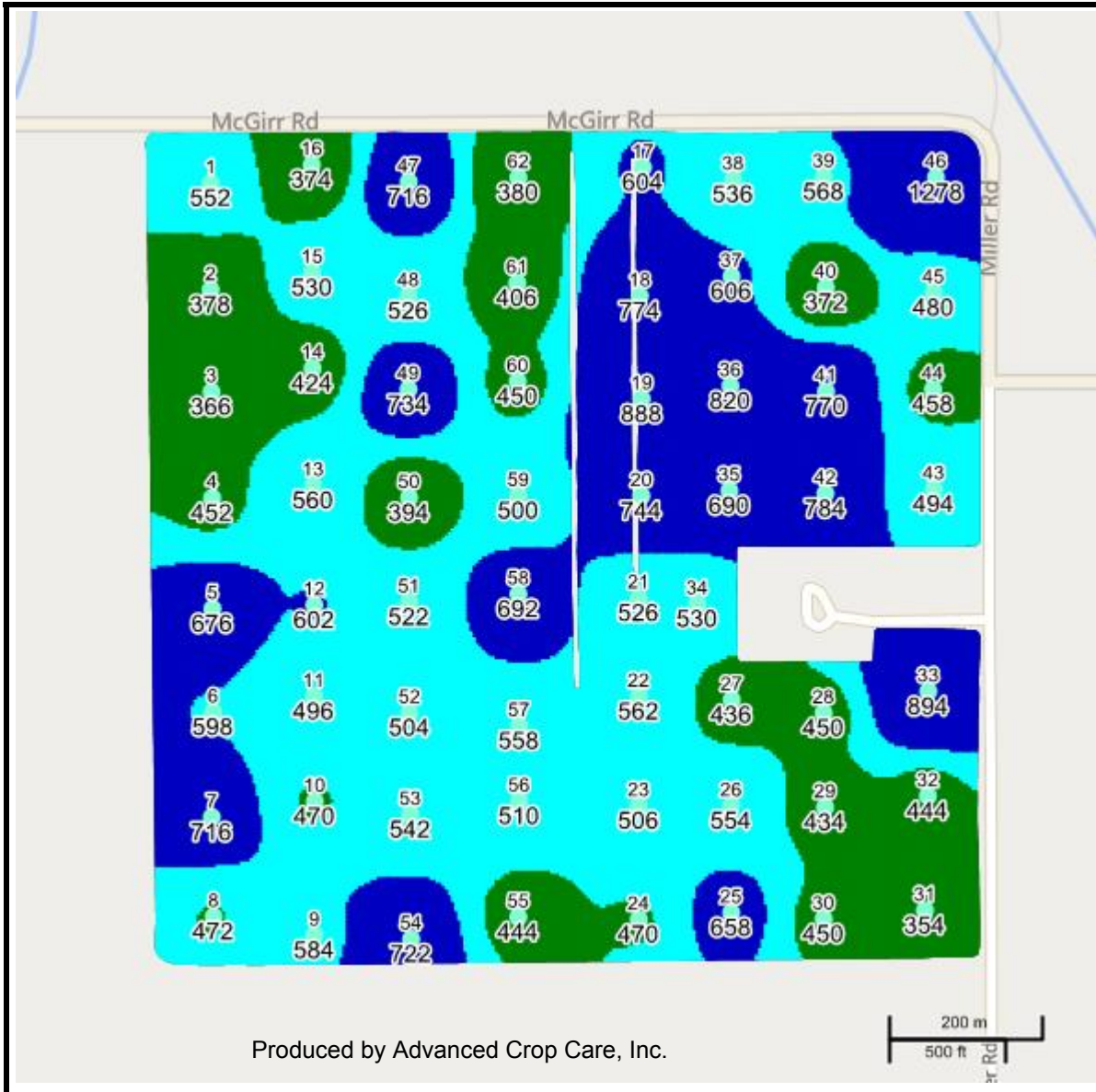
Section:

N/A

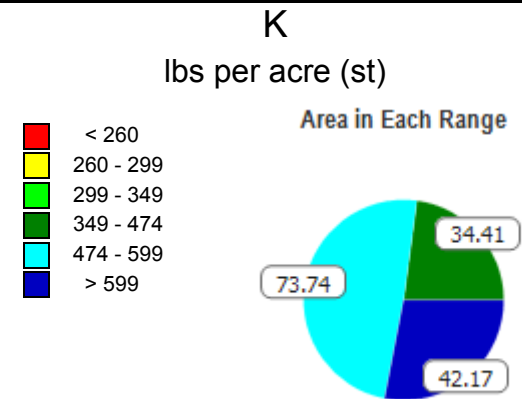


Gary Brown

Fall 2021

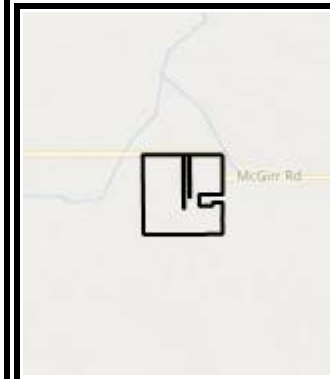


Gary Brown
Redmond
Redmond South
Perimeter Acres: 150.3



Mean Value
564.3

Standard Deviation
162.20



Field ID:

State

County

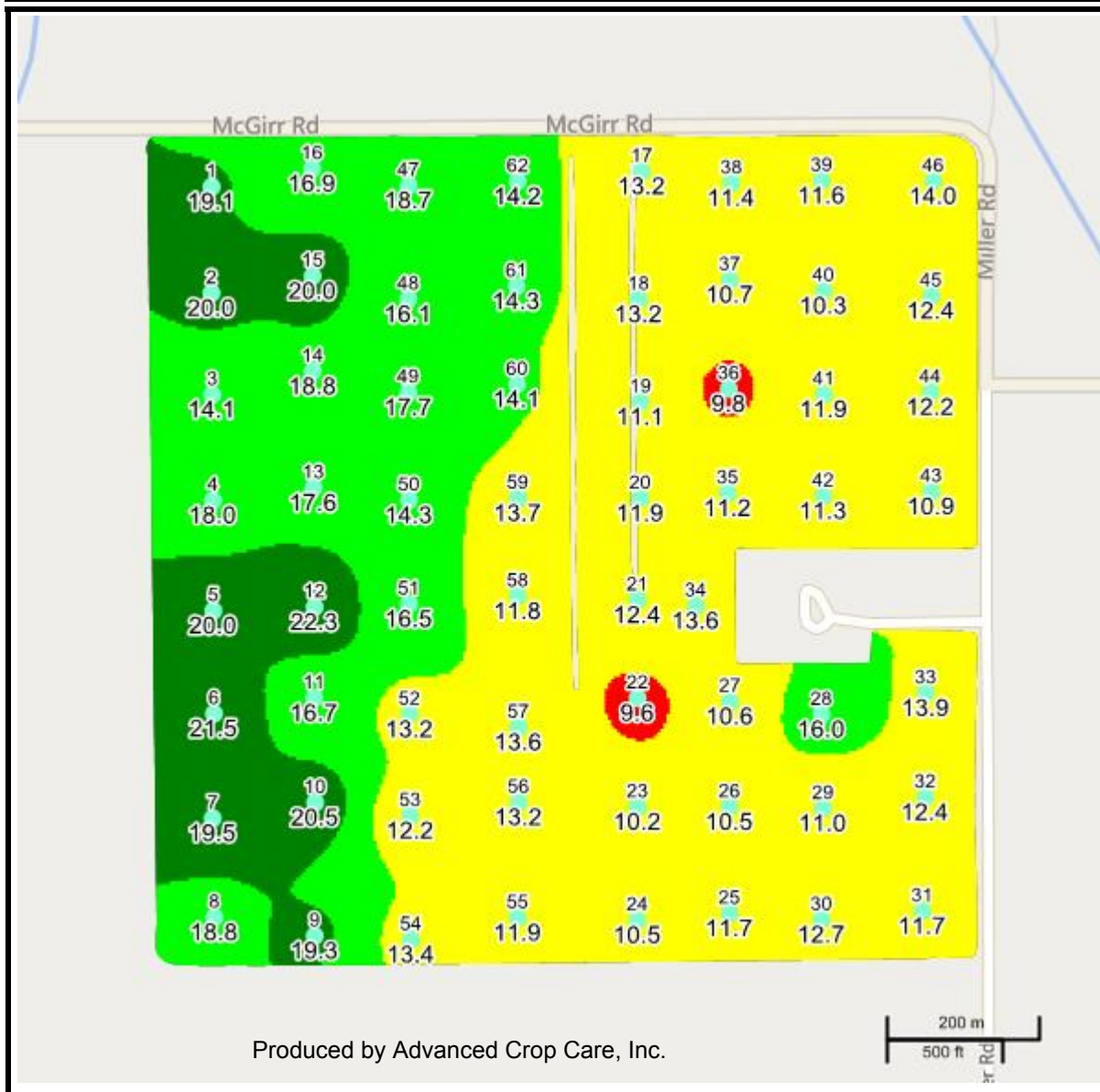
Township:
N/A

Section:
N/A



Gary Brown

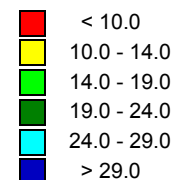
Fall 2021



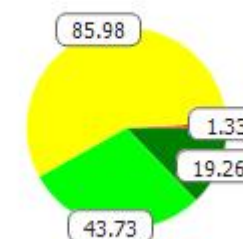
Produced by Advanced Crop Care, Inc.

Gary Brown Redmond Redmond South Perimeter Acres: 150.3

CEC
meq/100g



Area in Each Range



Mean Value
14.3

Standard Deviation
3.41



Field ID:

State

County

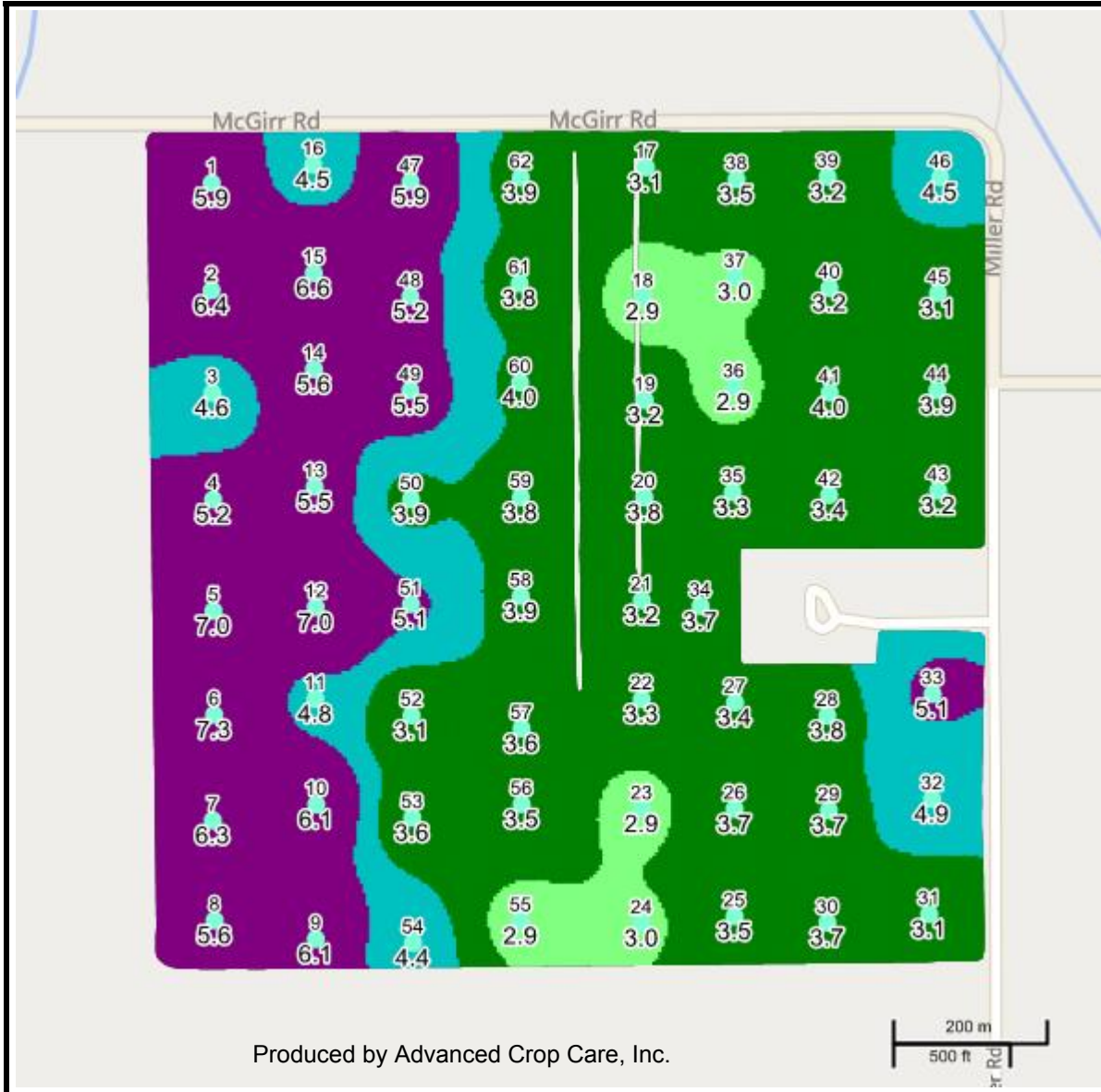
Township:
N/A

Section:
N/A



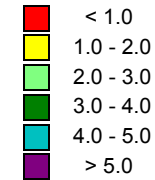
Gary Brown

Fall 2021

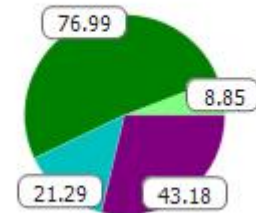


Gary Brown
Redmond
Redmond South
Perimeter Acres: 150.3

OM
percent

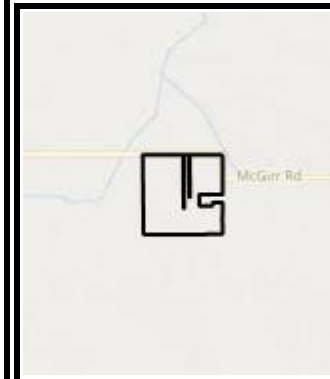


Area in Each Range



Mean Value
4.3

Standard Deviation
1.23



Field ID:

State

County

Township:
N/A

Section:
N/A



Advanced Crop Care, Inc.

Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond South

Area: 150.31

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	pH	P	K	CEC	OM	Calcium	Magnesium	K_Base_Sat	Mg_Base_Sat	Ca_Base_Sat	H_Base_Sat
none	none	lbs per acre (st)	lbs per acre (st)	meq/100g	percent	lbs per acre (st)	lbs per acre (st)	percent	percent	percent	percent
1	6.4	134	552	19.1	5.9	4,400	1,200	3.7	26.2	57.6	12.6
2	7.6	40	378	20.0	6.4	5,700	1,270	2.4	26.4	71.2	0.0
3	6.5	52	366	14.1	4.6	3,300	1,010	3.3	29.8	58.4	8.5
4	6.7	44	452	18.0	5.2	4,300	1,310	3.2	30.3	59.8	6.7
5	6.4	90	676	20.0	7.0	4,600	1,260	4.3	26.2	57.5	12.0
6	6.5	60	598	21.5	7.3	5,200	1,290	3.6	25.0	60.3	11.1
7	6.4	84	716	19.5	6.3	4,500	1,180	4.7	25.2	57.7	12.3
8	6.7	46	472	18.8	5.6	4,800	1,210	3.2	26.8	63.7	6.4
9	6.4	130	584	19.3	6.1	4,400	1,230	3.9	26.6	57.1	12.5
10	6.1	72	470	20.5	6.1	4,500	1,210	2.9	24.6	54.9	17.6
11	6.4	48	496	16.7	4.8	3,800	1,000	3.8	24.9	56.9	14.4
12	6.6	56	602	22.3	7.0	5,000	1,580	3.5	29.6	56.2	10.8
13	7.0	76	560	17.6	5.5	4,300	1,460	4.1	34.7	61.2	0.0
14	6.4	66	424	18.8	5.6	4,200	1,290	2.9	28.6	55.8	12.8
15	6.3	92	530	20.0	6.6	4,400	1,130	3.4	23.6	55.0	18.0
16	7.3	112	374	16.9	4.5	4,100	1,480	2.8	36.5	60.7	0.0
17	7.3	74	604	13.2	3.1	3,000	1,180	5.9	37.3	56.9	0.0
18	7.0	50	774	13.2	2.9	2,800	1,240	7.5	39.3	53.2	0.0
19	6.7	90	888	11.1	3.2	2,300	730	10.2	27.3	51.7	10.8
20	6.7	102	744	11.9	3.8	2,500	830	8.0	29.2	52.7	10.1
21	6.2	82	526	12.4	3.2	2,400	800	5.4	26.9	48.4	19.3
22	6.2	92	562	9.6	3.3	2,000	650	7.5	28.1	51.9	12.5
23	6.4	80	506	10.2	2.9	2,200	680	6.4	27.8	54.0	11.8
24	7.0	44	470	10.5	3.0	2,500	880	5.7	34.9	59.4	0.0
25	7.0	42	658	11.7	3.5	2,800	930	7.2	33.1	59.7	0.0
26	6.8	92	554	10.5	3.7	2,400	830	6.8	33.0	57.2	3.0
27	6.8	64	436	10.6	3.4	2,500	840	5.3	32.9	58.8	3.0
28	7.3	44	450	16.0	3.8	3,600	1,540	3.6	40.1	56.3	0.0
29	6.7	70	434	11.0	3.7	2,400	780	5.1	29.5	54.5	10.9
30	5.9	72	450	12.7	3.7	2,200	730	4.5	23.9	43.2	28.3
31	6.6	32	354	11.7	3.1	2,400	980	3.9	34.8	51.1	10.2
32	6.9	74	444	12.4	4.9	2,900	1,060	4.6	35.6	58.4	1.5
33	7.1	188	894	13.9	5.1	3,500	950	8.3	28.6	63.2	0.0
34	6.3	90	530	13.6	3.7	2,700	900	5.0	27.6	49.7	17.7
35	6.5	72	690	11.2	3.3	2,200	860	7.9	32.1	49.2	10.7
36	6.9	98	820	9.8	2.9	2,100	800	10.7	34.1	53.7	1.5
37	6.7	62	606	10.7	3.0	2,200	780	7.2	30.3	51.3	11.2
38	6.8	64	536	11.4	3.5	2,400	1,050	6.0	38.4	52.6	3.0
39	7.0	80	568	11.6	3.2	2,800	940	6.3	33.6	60.1	0.0
40	6.8	32	372	10.3	3.2	2,300	910	4.6	36.7	55.7	3.0
41	6.8	116	770	11.9	4.0	2,700	920	8.3	32.1	56.6	3.0
42	7.2	132	784	11.3	3.4	2,700	850	8.9	31.4	59.8	0.0



Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond South

Area: 150.31

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	pH	P	K	CEC	OM	Calcium	Magnesium	K_Base_Sat	Mg_Base_Sat	Ca_Base_Sat	H_Base_Sat
none	none	lbs per acre (st)	lbs per acre (st)	meq/100g	percent	lbs per acre (st)	lbs per acre (st)	percent	percent	percent	percent
43	6.8	54	494	10.9	3.2	2,500	890	5.8	34.0	57.2	3.0
44	7.2	66	458	12.2	3.9	3,100	930	4.8	31.7	63.5	0.0
45	7.0	34	480	12.4	3.1	2,900	1,100	4.9	36.8	58.2	0.0
46	7.3	136	1,278	14.0	4.5	3,300	980	11.7	29.2	59.0	0.0
47	6.5	106	716	18.7	5.9	4,100	1,220	4.9	27.3	55.0	12.9
48	5.9	48	526	16.1	5.2	3,200	930	4.2	24.0	49.5	22.3
49	6.5	88	734	17.7	5.5	3,900	1,110	5.3	26.1	55.0	13.5
50	6.7	56	394	14.3	3.9	3,300	1,050	3.5	30.5	57.6	8.4
51	6.9	80	522	16.5	5.1	4,000	1,340	4.1	33.8	60.6	1.5
52	7.6	70	504	13.2	3.1	3,100	1,150	4.9	36.3	58.8	0.0
53	6.6	50	542	12.2	3.6	2,600	910	5.7	31.1	53.3	9.8
54	6.5	138	722	13.4	4.4	3,000	900	6.9	28.0	56.1	9.0
55	6.6	26	444	11.9	2.9	2,400	1,000	4.8	34.9	50.3	10.1
56	6.7	56	510	13.2	3.5	2,800	1,050	4.9	33.1	52.9	9.1
57	6.7	44	558	13.6	3.6	2,800	1,130	5.3	34.6	51.4	8.8
58	6.6	66	692	11.8	3.9	2,400	880	7.5	31.2	51.0	10.2
59	7.1	50	500	13.7	3.8	3,200	1,210	4.7	36.8	58.5	0.0
60	6.7	66	450	14.1	4.0	2,900	1,220	4.1	36.0	51.4	8.5
61	6.6	26	406	14.3	3.8	3,100	1,160	3.6	33.8	54.2	8.4
62	7.2	30	380	14.2	3.9	3,300	1,300	3.4	38.3	58.3	0.0
Average:	6.7	73	564	14.3	4.3	3,224	1,052	5.3	31.1	56.1	7.5



Advanced Crop Care, Inc.

Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond South

Area: 150.31

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	Sulfur	Zinc	Manganese	Iron	Boron	Copper
none	ppm	ppm	ppm	ppm	ppm	ppm
1	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0
3	6.0	1.9	33.0	13.0	0.5	1.1
4	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0
6	6.0	2.7	32.0	26.0	1.0	1.3
7	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0
9	8.0	3.3	30.0	28.0	0.8	1.7
10	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0
12	4.0	2.9	33.0	20.0	1.3	1.5
13	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
15	7.0	2.8	31.0	22.0	0.9	1.4
16	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
18	5.0	1.8	43.0	20.0	0.4	1.2
19	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0
21	6.0	2.7	46.0	28.0	0.3	0.9
22	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0
24	4.0	2.2	41.0	11.0	0.5	0.8
25	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0
27	4.0	3.0	43.0	21.0	0.6	0.9
28	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
30	5.0	3.0	47.0	30.0	0.5	1.1
31	0.0	0.0	0.0	0.0	0.0	0.0
32	0.0	0.0	0.0	0.0	0.0	0.0
33	2.0	8.3	39.0	55.0	1.0	1.5
34	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0
36	5.0	2.9	43.0	22.0	0.5	1.0
37	0.0	0.0	0.0	0.0	0.0	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0
39	6.0	4.6	63.0	18.0	0.6	1.1
40	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0
42	5.0	6.1	57.0	40.0	0.7	1.4
43	0.0	0.0	0.0	0.0	0.0	0.0



Soil Test Summary

Gary Brown

Farm: Redmond

Field: Redmond South

Area: 150.31

Sample Date: Nov 10, 2021

Lab Name: A & L Labs Great L

SampleID	Sulfur	Zinc	Manganese	Iron	Boron	Copper
none	ppm	ppm	ppm	ppm	ppm	ppm
44	0.0	0.0	0.0	0.0	0.0	0.0
45	4.0	2.3	43.0	11.0	0.7	1.0
46	0.0	0.0	0.0	0.0	0.0	0.0
47	0.0	0.0	0.0	0.0	0.0	0.0
48	6.0	2.1	33.0	25.0	0.6	1.1
49	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0
51	4.0	2.9	39.0	46.0	0.6	1.5
52	0.0	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0	0.0
54	5.0	3.5	39.0	29.0	0.6	1.2
55	0.0	0.0	0.0	0.0	0.0	0.0
56	0.0	0.0	0.0	0.0	0.0	0.0
57	4.0	1.5	41.0	20.0	0.3	0.9
58	0.0	0.0	0.0	0.0	0.0	0.0
59	0.0	0.0	0.0	0.0	0.0	0.0
60	5.0	1.7	39.0	20.0	0.4	1.1
61	0.0	0.0	0.0	0.0	0.0	0.0
62	0.0	0.0	0.0	0.0	0.0	0.0
Average:	1.6	1.0	13.1	8.1	0.2	0.4



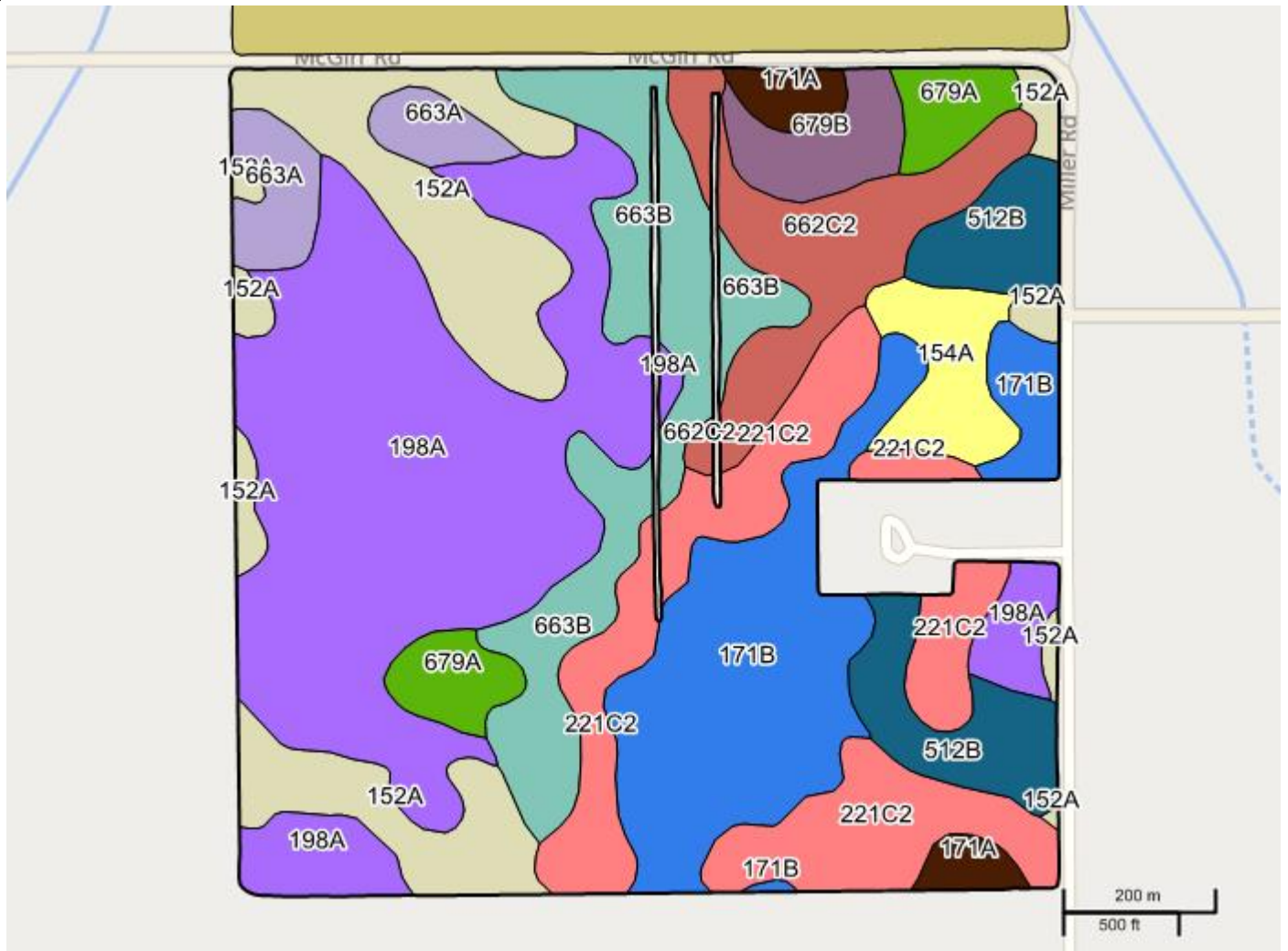
Soil Types

Gary Brown

Area: 150.31

Farm: Redmond

Field: Redmond South



Location:

County:

Township:

Twp Rng Sec:

Directions:

MuSym by Acres

	198A - Elburn silt loam, 0 to 2 percent slopes	42.45
	171B - Catlin silt loam, 2 to 5 percent slopes	18.85
	221C2 - Parr silt loam, 5 to 10 percent slopes, er	18.71
	152A - Drummer silty clay loam, 0 to 2 percent sl	18.55
	663B - Clare silt loam, 2 to 5 percent slopes	14.89
	662C2 - Barony silt loam, 5 to 10 percent slopes,	9.45
	663A - Clare silt loam, 0 to 2 percent slopes	4.51
	154A - Flanagan silt loam, 0 to 2 percent slopes	4.23
	679B - Blackberry silt loam, 2 to 5 percent slopes	3.44



Soil Type Summary

Gary Brown

Farm: Redmond

Field: Redmond South

MuSym	MuName	MuKey	Corn_Index index	Area acres
152A	Drummer silty clay loam, 0 to 2 percent slopes	183901	0.84	18.55
154A	Flanagan silt loam, 0 to 2 percent slopes	183889	0.91	4.23
171A	Catlin silt loam, 0 to 2 percent slopes	183921	0.95	2.49
171B	Catlin silt loam, 2 to 5 percent slopes	183886	0.78	18.84
198A	Elburn silt loam, 0 to 2 percent slopes	183909	0.91	42.44
221C2	Parr silt loam, 5 to 10 percent slopes, eroded	183914	0.57	18.71
512B	Danabrook silt loam, 2 to 5 percent slopes	183927	0.81	8.29
662C2	Barony silt loam, 5 to 10 percent slopes, eroded	183908	0.72	9.45
663A	Clare silt loam, 0 to 2 percent slopes	183904	0.91	4.51
663B	Clare silt loam, 2 to 5 percent slopes	183905	0.91	14.89
679A	Blackberry silt loam, 0 to 2 percent slopes	183946	0.93	4.47
679B	Blackberry silt loam, 2 to 5 percent slopes	183947	0.92	3.44
			Wt Avg: 0.83	Total: 150.31