

4.4 Soil Test Results

Table 4-3: Soil Fertility Testing Results

Field Name		Tract #	date	pH	OM %	P	K	Mg	Ca	CEC	K	Mg	Ca	% saturation	Ca	% acidity	S	B	Cu	Zn
				6.2-7.5	5-8	10-40	175-400			meq/100g	2.8-4	20	60-80			<10	>15	0.5-1.2	0.25-0.6	1-2
Optimum Range:																				
Little Trench Silo	71	5/16/2019	6.4	3.0	16.4	359	236		2260	7.0	6.6	13.9	79.6			0	8	0.3	0.1	1.1
Alfalfa Trench Silo	72	5/16/2019	6.1	6.4	36.0	579	322		2938	11.8	6.3	11.3	59.7			22.8	10	0.5	0.2	3.8
Cleared Field	72	5/16/2019	6.2	8.9	9.4	160	443		3126	9.8	2.0	18.5	79.4			0	18	0.5	0.1	1.6
Alfalfa Field	72	5/16/2019	6.2	7.0	26.5	241	298		3828	12.1	2.6	10.2	69.2			18	11	0.6	0.1	2.7
Behind Barn	72	5/16/2019	6.5	11.3	156.2	2469	1009		4297	14.4	21.9	21.8	56.3			0	30	1.1	0.4	7.3
Meadow Field	72	5/16/2019	6.8	11.1	72.3	1135	911		6165	15.4	9.4	24.4	66.1			0	43	1.3	0.2	2.6
Across Brook	72	5/16/2019	6.0	5.9	6.7	145	212		1783	5.5	3.4	15.8	80.8			0	13	0.3	0.1	1.1
Barn Cleared	72	5/16/2019	6.0	6.2	6.1	391	317		1710	9.0	4.6	14.3	62.7			32.7	65	0.5	0.2	1.3
Meadow Pasture	3205	5/16/2019	6.6	6.2	12.7	775	439		3283	10.4	9.5	17.4	73.1			18.4	15	0.4	0.2	2.5
Home Cleared	3205	5/16/2019	5.9	7.1	7.3	415	293		1927	6.6	8.1	18.5	73.4			0	44	0.6	0.2	1.4
Home Cleared	71	5/16/2019	6.2	5.6	30.7	435	318		2674	10.7	5.2	12.3	62.5			20	13	0.4	0.1	2.5
My House	71	5/16/2019	6.1	6.5	14.3	143	238		2429	7.2	2.5	13.6	83.9			0	10	0.3	0.1	1.2
Long Field	N/A	5/16/2019	5.9	4.9	10.4	300	189		1644	5.3	7.2	14.8	77.9			0	13	0.3	0.1	1.7
Ward Pasture	72	5/16/2019	5.8	6.1	4.2	216	184		1946	7.1	3.9	10.7	68.1			17.3	13	0.3	0.2	0.6
Steph's Pasture	1934	5/16/2019	6.4	4.7	19.8	368	337		2737	8.6	5.5	16.3	78.2			0	14	0.5	0.2	1.5
Jake Mason	1934	5/16/2019	5.8	6.5	7.6	142	237		2485	8.7	2.1	11.3	71.3			15.4	14	0.4	0.3	1.8
Tuttle Field	1934	5/16/2019	6.5	4.7	16.1	325	234		2751	8.2	5.1	11.7	83.3			0	21	0.5	0.2	1.6
Upper Tuttle	70	5/16/2019	5.7	6.6	14.4	196	142		1896	7.4	3.4	7.9	64.3			24.5	14	0.3	0.3	2.2
Front Lenk	70	5/16/2019	5.9	4.2	15.7	266	144		1551	4.8	7.1	12.3	80.6			0	13	0.3	0.2	2.2
Back Lenk	73	5/16/2019	6.8	5.6	39.0	371	292		4551	10.4	4.5	11.5	84.0			0	14	0.5	0.3	1.5
Levesque Field	74	N/A	6.1	5.9	8.1	145	242		3082	8.7	2.2	11.5	86.3			0	15	0.4	0.2	1.0
Shorey Field ¹	74	N/A	5.9	5.2	4.9	135	177		2406	10.3	1.7	7.1	58.3			32.9	15	0.4	0.3	1.5
Shorey Corn ²	74	5/16/2019	6.1	5.9	8.1	145	242		3082	8.7	2.2	11.5	86.3			0	14	0.5	0.3	1.0
Yorktown Field	74	5/16/2019	5.9	5.2	4.9	135	177		2406	10.3	1.7	7.1	58.3			32.9	15	0.4	0.2	0.5
Airstrip Corn	659	5/16/2019	6.3	4.3	4.5	101	182		2182	6.3	2.1	11.9	86.1			0	10	0.3	0.2	0.5
Behind Red's	659	5/16/2019	6.8	4.2	12.4	98	163		4022	9.2	1.4	7.3	91.3			0	13	0.5	0.2	1.3
New Bessey	659	5/16/2019	6.9	3.6	19.1	137	274		3558	8.8	2.0	12.8	85.2			0	19	0.7	0.2	0.7
Wood Pile	659	5/16/2019	6.2	6.8	5.0	149	393		2915	9.1	2.1	17.8	80.1			0	20	0.5	0.1	0.9
Back Bessey	659	5/16/2019	6.2	6.8	5.0	149	393		2915	9.1	2.1	17.8	80.1			0	20	0.5	0.1	0.9

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