

SSARE 2015  
Soil Nutrient Analytical Data

Test Category	Date	Sample ID	P (lb/ac)	K (lb/ac)	Ca (lb/ac)	Mg (lb/ac)	Zn (ppm)	Mn (ppm)	Ca (ppm)	Fe (ppm)	B (ppm)	S. Salts (ppm)	Soil pH	Buffer Index	Est CEC	Acidity	Base Sat.	Ca Sat.	Mg Sat.	K Sat	Organic Matter %	Rec. Lime	Rec. P2O5	Rec. K2O
		Suggested Ranges		12	76	721	73	2			1		6		1									
		High		35	175	1140	144	4			2	>844 Bad	6.5		12									
"A" Control Group	4/30/2015	S05	1082	395	6255	715	14.3	26.6	0.1	5.8	0.9	218	7 N/A	19.1 N/A	100	81.9	15.5	2.7	8.7	0	0	0	0	
	4/21/2016	S05	1189	389	6683	702	14.8	30.6	0.1	6.6	1	128	7.4 N/A	20.1 N/A	100	83.1	14.4	2.5	8.8	0	0	0	0	
		Net Change	107	-6	428	-13	0.5	4	0	0.8	0.1	-90	0.4	1	0	1.2	-1.1	-0.2	0.1	0	0	0	0	
	4/30/2015	S08	565	458	4087	507	7.9	14.3	0.1	5.5	0.6	166	6.5	6.31	13.4	4	96	76.1	15.6	4.4	6.8	0	0	0
	4/21/2016	S08	497	234	4267	505	6.5	13.8	0.1	4.9	0.6	77	6.8	6.32	13.5	3.5	96.5	78.9	15.4	2.2	7	0	0	25
		Net Change	-68	-224	180	-2	-1.4	-0.5	0	-0.6	0	-89	0.3	0.1	0.5	2.8	-0.2	-2.2	0.2	0	0	0	25	
	4/30/2015	S11	581	374	4415	504	9.1	18.9	0.2	6.2	0.7	166	6.6	6.33	14	3	97	78.8	14.8	3.4	8.2	0	0	0
	4/21/2016	S11	212	237	2906	405	4.4	14.5	0.3	9.7	0.5	102	6.8	6.36	9.5	2.5	97.5	76.7	17.6	3.2	7	0	0	25
		Net Change	-369	-137	-1509	-99	-4.7	-4.4	0.1	3.5	-0.2	-64	0.2	-4.5	0.5	-2.1	2.8	-0.2	-1.2	0	0	0	25	
	4/30/2015	S19	531	652	4414	658	9.1	17.9	0.2	5.5	0.9	179	6.7	6.35	14.9	2	98	74.1	18.2	5.6	7.7	0	0	0
4/21/2016	S19	521	401	4185	559	7.2	19.9	0.1	4.6	0.7	128	7 N/A	13.3 N/A	100	78.8	17.4	3.9	7.8	0	0	0	0		
	Net Change	-10	-251	-229	-99	-1.9	2	-0.1	-0.9	-0.2	-51	0.3	-1.6	2	4.7	-0.8	-1.7	0.1	0	0	0	0		
	AVERAGE Net Change	-85.00	-154.50	-282.50	-53.25	-1.88	0.28	0.00	0.70	-0.08	-73.50	0.30	-1.25	0.75	1.65	0.18	-1.08	-0.20	0.00	0.00	12.50			
"B1" Fabric Covered Group	4/30/2015	S02	1585	623	7649	838	17.3	25.6	0.1	6.7	1	269	6.9	6.48	23.4	0.2	99.8	81.7	14.8	3.4	10.6	0	0	0
	4/21/2016	S02	1294	417	6728	642	14.4	23.5	0.1	6.4	0.8	115	7.3 N/A	20 N/A	100	84.1	13.2	2.7	9.6	0	0	0	0	
		Net Change	-291	-206	-921	-196	-2.9	-2.1	0	-0.3	-0.2	-154	0.4	-3.4	0.2	2.4	-1.6	-0.7	-1	0	0	0	0	
	4/30/2015	S09	750	429	4849	577	9.9	20.5	0.1	5	0.7	154	6.8	6.41	15.1	0.4	99.6	80.2	15.8	3.6	6.7	0	0	0
	4/21/2016	S09	650	314	4425	484	7.7	16.1	0.1	5.3	0.6	102	7.1 N/A	13.4 N/A	100	82.2	14.8	3	6.4	0	0	0	0	
		Net Change	-100	-115	-424	-93	-2.2	-4.4	0	0.3	-0.1	-52	0.3	-1.7	0.4	2	-1	-0.6	-0.3	0	0	0	0	
	4/30/2015	S17	635	613	4193	631	8.3	21.3	0.2	6.3	0.8	243	6.3	6.22	14.9	7.2	92.8	70.2	17.4	5.3	8.4	0	0	0
	4/21/2016	S17	514	426	4318	655	7.4	19.4	0.1	5.2	0.8	128	7 N/A	14 N/A	100	76.9	19.2	3.9	8.8	0	0	0	0	
		Net Change	-121	-187	125	24	-0.9	-1.9	-0.1	-1.1	0	-115	0.7	-0.9	7.2	6.7	1.8	-1.4	0.4	0	0	0	0	
		AVERAGE Net Change	-170.67	-169.33	-406.67	-88.33	-2.00	-2.80	-0.03	-0.37	-0.10	-107.00	0.47	-2.00	2.60	3.70	-2.27	-0.90	-0.30	0.00	0.00	0.00		
"B2" Plastic Covered Group	4/30/2015	S03	1622	544	7645	773	17.5	21.9	0.1	8.4	0.9	218	6.9	6.47	23	0.2	99.8	83	13.8	3	11.3	0	0	0
	4/21/2016	S03	1431	421	7013	703	15.9	23.8	0.1	7.5	0.7	115	7.3 N/A	20.9 N/A	100	83.6	13.8	2.6	9.9	0	0	0	0	
		Net Change	-191	-123	-632	-70	-1.6	1.9	0	-0.9	-0.2	-103	0.4	-2.1	0.2	0.6	0	-0.4	-1.4	0	0	0	0	
	4/30/2015	S12	549	509	3853	575	8.6	16.9	0.2	6.8	0.7	192	6.5	6.32	13.1	3.6	96.4	73.3	18.1	5	9.1	0	0	0
	4/21/2016	S12	464	377	3889	454	8.2	16.7	0.2	7.2	0.6	154	6.3	6.2	13.2	9	91	73.3	14.1	3.6	8.7	0	0	0
		Net Change	-85	-132	36	-121	-0.4	-0.2	0	0.4	-0.1	-38	-0.2	0.1	-5.4	0	-4	-1.4	-0.4	0	0	0	0	
	4/30/2015	S20	625	701	4303	654	9.1	22.3	0.1	5.6	0.9	218	6.7	6.37	14.5	1.2	98.8	74	18.6	6.2	7.6	0	0	0
	4/21/2016	S20	494	408	4138	535	6.6	23.1	0.1	4.9	0.7	154	7.1 N/A	13 N/A	100	79.1	16.9	4	7	0	0	0		
		Net Change	-131	-293	-165	-119	-2.5	0.8	0	-0.7	-0.2	-64	0.4	-1.5	1.2	5.1	-1.7	-2.2	-0.6	0	0	0		
		AVERAGE Net Change	-135.67	-182.67	-253.67	#####	-1.50	0.83	0.00	-0.40	-0.17	-68.33	0.20	-1.17	-1.33	1.90	-1.90	-1.33	-0.80	0.00	0.00	0.00		
Early Pruned Group	4/30/2015	S04	1292	439	6532	718	16.1	23.9	0.1	6.4	0.9	205	6.9	6.49	19.8	0.2	99.9	82.1	14.9	2.8	8.9	0	0	0
	4/21/2016	S04	1272	315	6592	607	15.5	23.6	0.1	7.4	0.8	141	7.2 N/A	19.3 N/A	100	85	12.9	2.1	9.3	0	0	0	0	
		Net Change	-20	-124	60	-111	-0.6	-0.3	0	1	-0.1	-64	0.3	-0.5	0.1	2.9	-2	-0.7	0.4	0	0	0	0	
	4/30/2015	S13	606	486	4119	568	8.6	15.2	0.1	6.3	0.7	115	6.6	6.32	13.7	3.5	96.5	75	17.1	4.5	8.2	0	0	0
	4/21/2016	S13	543	351	4368	551	8	18.5	0.1	5.2	0.7	128	7 N/A	13.6 N/A	100	80	16.7	3.3	8	0	0	0		
		Net Change	-63	-135	249	-17	-0.6	3.3	0	-1.1	0	13	0.4	0	3.5	5	-0.4	-1.2	-0.2	0	0	0		
		AVERAGE Net Change	-41.50	-129.50	154.50	-64.00	-0.60	1.50	0.00	-0.05	-0.05	-25.50	0.35	-0.30	1.80	3.95	-1.20	-0.95	0.10	0.00	0.00	0.00		
	4/30/2015	S06	895	514	5759	635	12.9	23.9	0.1	5.1	0.8	243	6.8	6.45	17.7	0.3	99.7	81.2	14.8	3.7	8.6	0	0	0
	4/21/2016	S06	969	441	6219	722	13.8	29.5	0.1	5	0.9	218	7 N/A	19 N/A	100	81.4	15.6	3	8.8	0	0	0		
		Net Change	74	-73	460	87	0.9	5.6	0	-0.1	0.1	-25	0.2	1.3	0.3	0.2	0.8	-0.7	0.2	0	0	0		
Middle Pruned Group	4/30/2015	S14	722	570	4268	606	9.9	18.4	0.1	5.6	0.7	128	6.9	6.41	13.9	0.4	99.6	76.4	17.9	5.2	7.5	0	0	0
	4/21/2016	S14	542	284	4487	537	7	16.5	0.1	4.1	0.6	77	7.3 N/A	13.8 N/A	100	81.3	16.1	2.6	6.3	0	0	0		
		Net Change	-180	-286	219	-69	-2.9	-1.9	0	-1.5	-0.1	-51	0.4	-0.1	0.4	4.9	-1.8	-2.6	-1.2	0	0	0		
		AVERAGE Net Change	-53.00	-179.50	339.50	9.00	-1.00	1.85	0.00	-0.80	0.00	-38.00	0.30	0.60	0.35	2.55	-0.50	-1.65	-0.50	0.00	0.00	0.00		
	4/30/2015	S10	1013	465	5772	655	12.4	23.1	0.1	5.3	0.8	230	6.9	6.47	17.7	0.2	99.8	81.2	15.2	3.4	7.1	0	0	0
	4/21/2016	S10	752	331	5031	555	9.4	23.8	0.1	4.4	0.7	90	7.3 N/A	15.3 N/A	100	82.3	15	2.8	6.6	0	0	0		
		Net Change	-261	-134	-741	-100	-3	0.7	0	-0.9	-0.1	-140	0.4	-2.4	0.2	1.1	-0.2	-0.6	-0.5	0	0	0		
	4/30/2015	S16	520	514	4152	604	8.4	20	0.2	5.4	0.8	179	6.6	6.35	13.8	2.2	97.9	75.1	18	4.8	8.9	0	0	0
	4/21/2016	S16	394	253	4396	614	6.5	20.9	0.2	4	0.6	154	7 N/A	13.8 N/A	100	79.4	18.3	2.3	7.5	0	0	25		
		Net Change	-126	-261	244	10	-1.9	0.9	0	-1.4	-0.2	-25	0.4	0	2.1	4.3	0.3	-2.5	-1.4	0	0	25		
	AVERAGE Net Change	-193.50	-197.50	-248.50	-45.00	-2.45	0.80	0.00	-1.15	-0.15	-82.50	0.40	-1.20	1.15	2.70	0.05	-1.55	-0.95	0.00	0.00	12.50			
Inverted Tip Group	4/30/2015	S07	1161	629	5605	630	14.1	22.6	0.1	7</														