

Table 3: Spring and summer soil test at two depths in the sap and business as usual (BAU) fields in 2024.

Date	Field	Management	Depth		pH	OM %	NO3-N ppm	P ppm	S ppm	K ppm	Ca ppm	Mg ppm	Na ppm	Zn ppm	Fe ppm	Mn ppm	Cu ppm	B ppm	TOC <sup>1</sup> %
			(in)																
2/29/2024	Site 1	BAU	0-6		5.1	3.1	<b>2.4</b>	53.7	<b>5.1</b>	287	592	103	14.2	<b>0.28</b>	79	21	0.6	0.1	
9/12/2024	Site 1	BAU	0-6		5.3	3.5	<b>0.8</b>	75.6	10.5	456	979	167	6.2	0.96	210	67	2.2	1.7	1.7
2/29/2024	Site 1	BAU	6-12		5.9	2.3	<b>2.2</b>	<b>30.8</b>	<b>3.2</b>	236	973	160	15.5	<b>0.10</b>	37	8	0.5	0.1	
9/12/2024	Site 1	BAU	6-12		5.9	2.6	<b>0.6</b>	47.6	<b>6.3</b>	373	1570	264	7.0	0.72	149	46	2.9	1.4	1.3
2/29/2024	Site 1	SAP	0-6		5.4	2.9	<b>2.6</b>	41.9	<b>4.1</b>	263	680	118	14.5	<b>0.21</b>	55	16	0.6	0.1	
9/12/2024	Site 1	SAP	0-6		5.3	3.1	<b>0.8</b>	64.4	10.5	453	1095	196	9.1	0.98	195	59	2.5	2.2	1.5
2/29/2024	Site 1	SAP	6-12		6	2.2	<b>2.1</b>	<b>32.8</b>	<b>3.8</b>	282	1411	240	18.9	<b>0.12</b>	35	9	0.8	0.1	
9/12/2024	Site 1	SAP	6-12		5.9	2.5	<b>0.7</b>	46.8	<b>7.1</b>	386	1537	255	6.9	0.65	155	47	3.0	1.3	1.2
2/29/2024	Site 2	BAU	0-6		5.4	3.4	<b>3.2</b>	93.0	17.3	472	873	126	20.6	0.71	134	48	1.2	0.2	
9/12/2024	Site 2	BAU	0-6		5.3	3.6	<b>0.8</b>	95.4	16.8	493	1123	144	7.0	1.15	205	97	2.3	2.1	1.2
2/29/2024	Site 2	BAU	6-12		5.1	2.6	<b>5</b>	76.1	22.4	221	1112	136	18.9	<b>0.28</b>	86	48	1.2	0.1	
9/12/2024	Site 2	BAU	6-12		5.1	2.9	<b>1</b>	88.7	17.4	257	1180	145	7.0	0.73	191	105	2.8	1.4	2.0
2/29/2024	Site 2	SAP	0-6		4.9	3.6	<b>3.2</b>	85.3	19.6	498	800	113	15.0	0.52	88	43	1.0	0.1	
9/12/2024	Site 2	SAP	0-6		5.4	4.3	<b>0.8</b>	90.7	18	677	1136	130	6.0	1.26	190	91	2.2	1.6	1.3
2/29/2024	Site 2	SAP	6-12		5	2.8	<b>4.9</b>	81.2	22.9	215	948	113	16.1	<b>0.29</b>	76	39	1.2	0.1	
9/12/2024	Site 2	SAP	6-12		5.1	3.5	<b>1.5</b>	90.5	20	358	1161	116	6.2	0.82	187	93	2.5	1.5	1.8
3/22/2024	Site 3	BAU	0-6		5.7	3.3	<b>4.28</b>	81.8	14.6	360	1261	186	20.0	2.22	250	96	3.0	0.4	1.8
9/12/2024	Site 3	BAU	0-6		5.5	3.6	<b>1.8</b>	58.0	10.2	305	1298	193	7.8	1.03	167	79	2.6	1.6	1.9
3/22/2024	Site 3	BAU	6-12		5.9	2.4	<b>3.57</b>	53.8	11.8	236	1782	256	19.7	1.33	238	73	3.4	0.5	1.2
9/12/2024	Site 3	BAU	6-12		6.1	3.1	<b>1.2</b>	<b>39.9</b>	8.2	218	1676	243	14.2	2.07	133	62	2.9	2.0	1.6
3/22/2024	Site 3	SAP	0-6		5.5	3.4	<b>3.92</b>	55.5	11.5	271	1282	215	20.7	1.30	213	88	2.9	0.4	1.8
9/12/2024	Site 3	SAP	0-6		5.3	3.4	<b>3.4</b>	61.7	9.7	304	1026	160	5.8	1.23	185	85	2.3	1.6	1.9
3/22/2024	Site 3	SAP	6-12		6.1	2.8	<b>3.3</b>	39.3	9.5	238	1998	307	19.2	1.08	176	70	3.5	0.4	1.4
9/12/2024	Site 3	SAP	6-12		5.7	2.7	<b>1.6</b>	51.0	<b>7.7</b>	209	1446	203	8.1	0.93	176	69	2.8	1.6	1.4

<sup>1</sup> TOC, total organic carbon