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# Results of chemical analysis on plant tissue from a phosphorus rate trial on Jarra Creek soil from north Queensland

G. M. Baker and M. J. Webb

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Technical Report 29/98, July 1998

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## **Results of chemical analysis on plant tissue from a phosphorus rate trial on Jarra Creek soil from north Queensland**

**G.M.Baker and M.J. Webb**

The following analytical results relate to ACIAR Experiment C93-4 published as Technical Report 44/1995, 'Response of Australian Red Cedar to Phosphorus Supply When Grown in a Phosphorus Deficient Soil from Jarra Creek, North Queensland' by G.M. Mazza and M.J. Webb.

Total N was analysed by complete combustion gas chromatography. All other elements were analysed by inductively coupled plasma atomic emission spectrometry (ICP-AES) method after digestion in nitric acid.

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																				
REP 1		Concentration (mg/kg DM)																		
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al
1043	0mg/kg P	Stem	3	1.82	0.43	0.61	0.14	88	76	21.9	9.0	0.86	59.9	4052	4723	609	21018	804	1936	87
1044	0mg/kg P	Yng Blds	3	3.85	0.99	1.28	0.33	103	190	36.3	10.2	0.85	94.0	4810	3863	952	29164	1390	2168	76
1045	0mg/kg P	Yng Pet	3	0.60	0.15	0.20	0.05	45	67	21.3	8.1	0.89	49.6	3827	2211	666	25552	752	1344	41
1046	0mg/kg P	Mature Bld	3	3.61	0.90	1.20	0.30	170	420	52.9	7.8	1.42	115.6	9678	5611	4575	19509	904	2142	386
1047	0mg/kg P	Mature Pet	3	0.36	0.09	0.12	0.03	46	116	23.2	4.1	0.66	69.0	4690	4101	1047	14772	431	1205	80
1048	0mg/kg P	Tips	3	0.33	0.06	0.11	0.02	84	142	26.4	17.5	0.76	67.8	5969	5264	275	35206	2841	3350	21
	<b>0mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>10.57</b>	<b>2.62</b>	<b>3.52</b>	<b>0.87</b>	<b>118</b>	<b>239</b>	<b>38.08</b>	<b>9.027</b>	<b>1.041</b>	<b>91.78</b>	<b>6323</b>	<b>4553</b>	<b>2108</b>	<b>23956</b>	<b>1093</b>	<b>2070</b>	<b>181</b>
1049	4mg/kg P	Stem	3	3.85	1.24	1.28	0.41	52	84	13.4	8.4	0.74	27.6	4272	2338	282	16430	755	1130	29
1050	4mg/kg P	Yng Blds	3	7.64	2.30	2.55	0.77	75	223	35.3	10.3	0.93	48.8	6295	2889	294	22476	1411	1808	41
1051	4mg/kg P	Yng Pet	3	1.57	0.48	0.52	0.16	35	65	17.7	9.8	0.50	27.7	4776	1223	295	18745	607	754	15
1052	4mg/kg P	Mature Bld	3	6.09	1.87	2.03	0.62	103	604	51.2	7.7	1.60	97.5	9600	4239	958	21089	1031	1895	138
1053	4mg/kg P	Mature Pet	3	0.82	0.25	0.27	0.08	52	114	21.8	11.3	0.84	41.7	6534	3519	567	15301	399	1667	43
1054	4mg/kg P	Tips	3	0.68	0.15	0.23	0.05	50	126	28.2	18.7	0.82	35.5	6466	2946	150	26619	2583	2457	15
	<b>4mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>20.65</b>	<b>6.30</b>	<b>6.88</b>	<b>2.10</b>	<b>74</b>	<b>290</b>	<b>33.66</b>	<b>9.354</b>	<b>1.053</b>	<b>56.89</b>	<b>6776.6</b>	<b>3081</b>	<b>496.6</b>	<b>20400</b>	<b>1095</b>	<b>1629</b>	<b>65</b>
1055	25mg/kg P	Stem	3	4.50	1.29	1.50	0.43	47	60	16.9	9.5	0.64	33.1	3983	2458	245	18951	1084	1283	30
1056	25mg/kg P	Yng Blds	3	8.34	2.21	2.78	0.74	87	97	46.1	10.6	0.75	55.7	6337	3113	357	25354	2462	1893	110
1057	25mg/kg P	Yng Pet	3	2.13	0.55	0.71	0.43	29	38	19.9	8.7	0.51	26.7	4222	1854	263	21717	1178	1070	22
1058	25mg/kg P	Mature Bld	3	7.23	2.13	2.41	0.74	160	300	62.4	8.3	1.16	86.4	10360	4774	1267	20321	1433	2015	281
1059	25mg/kg P	Mature Pet	3	0.74	0.25	0.25	0.18	35	73	19.6	5.0	0.46	36.5	5529	4040	645	14520	557	908	52
1060	25mg/kg P	Tips	3	0.42	0.08	0.14	0.14	64	65	24.1	14.3	1.07	60.2	4753	3413	210	38104	5531	3555	15
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>23.36</b>	<b>6.50</b>	<b>7.79</b>	<b>3.23</b>	<b>83</b>	<b>122</b>	<b>36.1</b>	<b>10.17</b>	<b>0.851</b>	<b>55.73</b>	<b>6267</b>	<b>3356</b>	<b>521.6</b>	<b>25047</b>	<b>2437</b>	<b>2039</b>	<b>103</b>
1061	50mg/kg P	Stem	3	4.97	1.42	1.66	0.08	53	140	15.7	12.8	0.92	53.4	4086	2855	251	19322	933	1511	40
1062	50mg/kg P	Yng Blds	3	9.04	2.56	3.01	0.03	123	305	63.1	9.9	1.27	108.5	7786	3621	568	26380	1748	1879	125
1063	50mg/kg P	Yng Pet	3	1.53	0.45	0.51	0.47	28	110	19.5	9.5	0.60	56.0	4858	1825	333	20188	734	854	21
1064	50mg/kg P	Mature Bld	3	5.34	1.40	1.78	0.85	146	787	103.5	8.1	2.24	171.8	11635	5756	2326	22541	1211	1955	313
1065	50mg/kg P	Mature Pet	3	0.47	0.16	0.16	0.47	63	186	23.9	8.1	0.86	83.8	6472	3578	557	17637	512	1725	60
1066	50mg/kg P	Tips	3	1.06	0.20	0.35	0.85	67	144	22.3	19.9	0.96	73.3	6705	3784	135	34728	5146	3330	8
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.41</b>	<b>6.19</b>	<b>7.47</b>	<b>2.76</b>	<b>84</b>	<b>346</b>	<b>47.39</b>	<b>12.15</b>	<b>1.279</b>	<b>102.3</b>	<b>7806</b>	<b>3994</b>	<b>926.3</b>	<b>25009</b>	<b>2224</b>	<b>2139</b>	<b>116</b>
1067	100mg/kg P	Stem	3	5.62	1.84	1.87	0.15	38	45	14.0	5.6	0.87	26.2	3702	2410	237	18089	879	963	26
1068	100mg/kg P	Yng Blds	3	8.90	2.72	2.97	0.47	82	80	44.4	8.0	0.74	48.0	6348	2958	427	24060	1867	1826	73
1069	100mg/kg P	Yng Pet	3	1.74	0.53	0.58	0.05	25	30	18.1	5.4	1.08	26.2	4910	1606	315	23002	843	723	25
1070	100mg/kg P	Mature Bld	3	8.29	2.48	2.76	0.07	116	200	76.9	6.8	0.82	66.9	8419	4134	1580	22660	1428	2008	198
1071	100mg/kg P	Mature Pet	3	0.92	0.29	0.31	0.61	49	35	19.1	3.9	0.40	28.0	4817	2468	256	17325	539	830	37
1072	100mg/kg P	Tips	3	0.19	0.05	0.06	0.91	55	55	31.9	13.8	1.19	57.5	5801	3029	231	32893	5094	3403	11
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>25.66</b>	<b>7.91</b>	<b>8.55</b>	<b>2.26</b>	<b>59</b>	<b>58</b>	<b>30.83</b>	<b>8.957</b>	<b>0.847</b>	<b>44.98</b>	<b>5564.3</b>	<b>2820</b>	<b>321</b>	<b>25312</b>	<b>2698</b>	<b>2110</b>	<b>38</b>
1073	250mg/kg P	Stem	3	5.88	1.92	1.96	0.61	9	58	14.8	7.4	0.90	36.0	3883	2297	445	19553	1367	1557	34
1074	250mg/kg P	Yng Blds	3	8.66	2.59	2.89	0.91	74	70	70.2	8.2	0.77	56.6	6461	3059	746	26421	2456	2167	65
1075	250mg/kg P	Yng Pet	3	1.84	0.54	0.61	0.18	26	27	19.7	6.4	0.77	32.8	4529	1538	450	24748	1364	1122	22
1076	250mg/kg P	Mature Bld	3	8.01	2.41	2.67	0.83	135	196	133.2	6.6	1.15	67.3	8280	4183	1902	22940	1714	2254	288
1077	250mg/kg P	Mature Pet	3	0.98	0.31	0.33	0.10	37	44	21.0	4.2	0.63	38.1	5182	2374	348	22632	829	1670	116
1078	250mg/kg P	Tips	3	0.45	0.09	0.15	0.02	99	52	26.4	14.6	1.45	62.9	5877	3677	188	39977	5782	3747	26
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>25.82</b>	<b>7.85</b>	<b>8.61</b>	<b>2.64</b>	<b>74</b>	<b>103</b>	<b>71.61</b>	<b>7.29</b>	<b>0.919</b>	<b>52.94</b>	<b>6252</b>	<b>3112</b>	<b>1001</b>	<b>23575</b>	<b>1860</b>	<b>1975</b>	<b>126</b>

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																						
REP 1		Content (ug/plant)																				
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al		
1043	0mg/kg P	Stem	3	1.82	0.43	0.61	0.14	13	11	3.1	1.3	0.12	8.6	582	679	87	3020	116	278	12		
1044	0mg/kg P	Yng Blds	3	3.85	0.99	1.28	0.33	34	63	11.9	3.4	0.28	30.9	1582	1271	313	9595	457	713	25		
1045	0mg/kg P	Yng Pet	3	0.60	0.15	0.20	0.05	2	3	1.1	0.4	0.04	2.4	189	109	33	1261	37	66	2		
1046	0mg/kg P	Mature Bld	3	3.61	0.90	1.20	0.30	51	126	15.8	2.3	0.43	34.6	2897	1680	1369	5840	271	641	116		
1047	0mg/kg P	Mature Pet	3	0.36	0.09	0.12	0.03	1	4	0.7	0.1	0.02	2.1	142	124	32	448	13	37	2		
1048	0mg/kg P	Tips	3	0.33	0.06	0.11	0.02	2	3	0.6	0.4	0.02	1.4	127	112	6	751	61	71	0		
	<b>0mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>10.57</b>	<b>2.62</b>	<b>3.52</b>	<b>0.87</b>	<b>103</b>	<b>209</b>	<b>33</b>	<b>8</b>	<b>1</b>	<b>80</b>	<b>5520</b>	<b>3975</b>	<b>1841</b>	<b>20914</b>	<b>954</b>	<b>1807</b>	<b>158</b>		
1049	4mg/kg P	Stem	3	3.85	1.24	1.28	0.41	21	35	5.5	3.5	0.31	11.4	1766	966	117	6791	312	467	12		
1050	4mg/kg P	Yng Blds	3	7.64	2.30	2.55	0.77	58	171	27.1	7.9	0.71	37.4	4828	2216	225	17239	1082	1387	31		
1051	4mg/kg P	Yng Pet	3	1.57	0.48	0.52	0.16	6	10	2.8	1.6	0.08	4.5	767	196	47	3012	98	121	2		
1052	4mg/kg P	Mature Bld	3	6.09	1.87	2.03	0.62	64	377	31.9	4.8	1.00	60.8	5990	2645	598	13160	643	1182	86		
1053	4mg/kg P	Mature Pet	3	0.82	0.25	0.27	0.08	4	10	1.8	0.9	0.07	3.5	547	294	47	1280	33	139	4		
1054	4mg/kg P	Tips	3	0.68	0.15	0.23	0.05	3	6	1.4	0.9	0.04	1.8	323	147	8	1331	129	123	1		
	<b>4mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>20.65</b>	<b>6.30</b>	<b>6.88</b>	<b>2.10</b>	<b>156</b>	<b>609</b>	<b>71</b>	<b>20</b>	<b>2</b>	<b>119</b>	<b>14222</b>	<b>6466</b>	<b>1042</b>	<b>42813</b>	<b>2298</b>	<b>3420</b>	<b>136</b>		
1055	25mg/kg P	Stem	3	4.50	1.29	1.50	0.43	20	26	7.3	4.1	0.28	14.2	1713	1057	105	8149	466	552	13		
1056	25mg/kg P	Yng Blds	3	8.34	2.21	2.78	0.74	64	72	34.0	7.8	0.55	41.1	4672	2295	263	18694	1815	1396	81		
1057	25mg/kg P	Yng Pet	3	2.13	0.55	0.71	0.43	12	16	8.6	3.7	0.22	11.5	1815	797	113	9338	507	460	9		
1058	25mg/kg P	Mature Bld	3	7.23	2.13	2.41	0.74	118	221	46.0	6.1	0.86	63.7	7639	3520	934	14983	1057	1486	207		
1059	25mg/kg P	Mature Pet	3	0.74	0.25	0.25	0.18	6	13	3.6	0.9	0.08	6.7	1017	743	119	2672	102	167	10		
1060	25mg/kg P	Tips	3	0.42	0.08	0.14	0.07	45	46	17.1	10.1	0.76	42.6	3367	2418	149	26990	3918	2518	11		
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>23.36</b>	<b>6.50</b>	<b>7.79</b>	<b>3.23</b>	<b>267</b>	<b>394</b>	<b>117</b>	<b>33</b>	<b>3</b>	<b>180</b>	<b>20223</b>	<b>10830</b>	<b>1683</b>	<b>80827</b>	<b>7865</b>	<b>6578</b>	<b>331</b>		
1061	50mg/kg P	Stem	3	4.97	1.42	1.66	0.08	4	12	1.3	1.1	0.08	4.4	336	235	21	1591	77	124	3		
1062	50mg/kg P	Yng Blds	3	9.04	2.56	3.01	0.03	3	8	1.6	0.3	0.03	2.8	200	93	15	677	45	48	3		
1063	50mg/kg P	Yng Pet	3	1.53	0.45	0.51	0.47	13	52	9.2	4.5	0.28	26.4	2293	861	157	9529	346	403	10		
1064	50mg/kg P	Mature Bld	3	5.34	1.40	1.78	0.85	125	672	88.3	6.9	1.91	146.6	9929	4912	1985	19235	1033	1668	267		
1065	50mg/kg P	Mature Pet	3	0.47	0.16	0.16	0.47	30	88	11.3	3.8	0.41	39.6	3055	1689	263	8325	242	814	28		
1066	50mg/kg P	Tips	3	1.06	0.20	0.35	0.85	57	123	19.0	17.0	0.82	62.5	5722	3229	115	29635	4391	2842	7		
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.41</b>	<b>6.19</b>	<b>7.47</b>	<b>2.76</b>	<b>232</b>	<b>954</b>	<b>131</b>	<b>34</b>	<b>4</b>	<b>282</b>	<b>21534</b>	<b>11019</b>	<b>2555</b>	<b>68991</b>	<b>6134</b>	<b>5900</b>	<b>319</b>		
1067	100mg/kg P	Stem	3	5.62	1.84	1.87	0.15	6	7	2.1	0.8	0.13	3.9	554	361	35	2707	132	144	4		
1068	100mg/kg P	Yng Blds	3	8.90	2.72	2.97	0.47	38	37	20.7	3.7	0.35	22.4	2962	1380	199	11228	871	852	34		
1069	100mg/kg P	Yng Pet	3	1.74	0.53	0.58	0.05	1	2	1.0	0.3	0.06	1.4	265	87	17	1242	46	39	1		
1070	100mg/kg P	Mature Bld	3	8.29	2.48	2.76	0.07	8	13	5.2	0.5	0.06	4.5	567	278	106	1526	96	135	13		
1071	100mg/kg P	Mature Pet	3	0.92	0.29	0.31	0.61	30	21	11.7	2.4	0.25	17.2	2954	1514	157	10626	331	509	23		
1072	100mg/kg P	Tips	3	0.19	0.05	0.06	0.91	50	50	28.9	12.5	1.08	52.1	5256	2744	209	29801	4615	3083	10		
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>25.66</b>	<b>7.91</b>	<b>8.55</b>	<b>2.26</b>	<b>133</b>	<b>130</b>	<b>70</b>	<b>20</b>	<b>2</b>	<b>102</b>	<b>12559</b>	<b>6364</b>	<b>724</b>	<b>57130</b>	<b>6090</b>	<b>4763</b>	<b>85</b>		
1073	250mg/kg P	Stem	3	5.88	1.92	1.96	0.61	6	36	9.1	4.5	0.55	22.1	2382	1409	273	11993	838	955	21		
1074	250mg/kg P	Yng Blds	3	8.66	2.59	2.89	0.91	67	63	63.6	7.4	0.70	51.3	5854	2771	676	23937	2225	1963	59		
1075	250mg/kg P	Yng Pet	3	1.84	0.54	0.61	0.18	5	5	3.5	1.1	0.14	5.8	803	273	80	4389	242	199	4		
1076	250mg/kg P	Mature Bld	3	8.01	2.41	2.67	0.83	112	162	110.2	5.5	0.95	55.7	6850	3461	1574	18979	1418	1865	238		
1077	250mg/kg P	Mature Pet	3	0.98	0.31	0.33	0.10	4	4	2.0	0.4	0.06	3.6	494	226	33	2158	79	159	11		
1078	250mg/kg P	Tips	3	0.45	0.09	0.15	0.02	2	1	0.5	0.3	0.03	1.1	106	66	3	720	104	67	0		
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>25.82</b>	<b>7.85</b>	<b>8.61</b>	<b>2.64</b>	<b>194</b>	<b>271</b>	<b>189</b>	<b>19</b>	<b>2</b>	<b>140</b>	<b>16489</b>	<b>8206</b>	<b>2639</b>	<b>62175</b>	<b>4907</b>	<b>5209</b>	<b>333</b>		

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																				
REP 2		Concentration (mg/kg DM)																		
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al
1079	0mg/kg P	Stem	3	3.89	1.29	1.3	0.43	38	49	14.9	8.7	0.81	30.4	3892	2481	273	16712	948	1042	31
1080	0mg/kg P	Yng Blds	3	8.84	2.75	2.95	0.92	83	93	38.2	8.6	0.83	51.7	6933	3285	487	23921	1836	1855	288
1081	0mg/kg P	Yng Pet	3	1.44	0.49	0.48	0.16	36	28	19.1	7.5	0.75	25.2	4621	1806	226	16660	806	709	29
1082	0mg/kg P	Mature Bld	3	6.28	1.92	2.09	0.64	111	303	52.2	7.0	1.02	98.6	11092	5454	1898	18257	1292	1953	260
1083	0mg/kg P	Mature Pet	3	0.56	0.19	0.19	0.06	39	66	22.2	7.5	0.93	41.5	6658	5202	461	14971	620	834	84
1084	0mg/kg P	Tips	3	0.96	0.23	0.32	0.08	37	39	21.4	11.2	0.72	40.2	4377	2486	83	29195	3172	2425	51
	<b>0mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>21.97</b>	<b>6.87</b>	<b>7.32</b>	<b>2.29</b>	<b>76.33</b>	<b>136.3</b>	<b>35.4</b>	<b>8.16</b>	<b>0.87</b>	<b>58.29</b>	<b>7266.3</b>	<b>3659.2</b>	<b>808.1</b>	<b>20426.82</b>	<b>1460.1</b>	<b>1642.8</b>	<b>200</b>
1085	4mg/kg P	Stem	3	4.43	1.54	1.48	0.51	42	56	13.4	7.1	0.71	27.1	3018	2127	237	15025	842	961	22
1086	4mg/kg P	Yng Blds	3	8.39	2.56	2.8	0.85	106	91	33.9	8.6	0.76	52.2	6813	3485	355	22918	1841	1891	355
1087	4mg/kg P	Yng Pet	3	1.54	0.48	0.51	0.16	27	19	15.3	7.0	0.39	23.1	3572	1293	249	17160	773	658	23
1088	4mg/kg P	Mature Bld	3	6.27	1.92	2.09	0.64	221	270	41.0	7.0	1.07	100.6	11220	5581	1210	18395	1284	1863	314
1089	4mg/kg P	Mature Pet	3	0.71	0.24	0.24	0.08	40	47	17.6	6.0	0.56	37.9	5511	3859	430	15719	525	784	47
1090	4mg/kg P	Tips	3	0.47	0.13	0.16	0.04	41	51	24.8	12.2	0.93	40.7	4707	3068	328	29809	3611	2581	307
	<b>4mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>21.81</b>	<b>6.88</b>	<b>7.27</b>	<b>2.29</b>	<b>114.5</b>	<b>125.6</b>	<b>29.14</b>	<b>7.64</b>	<b>0.8</b>	<b>57.18</b>	<b>6861</b>	<b>3605.8</b>	<b>560.9</b>	<b>19262.59</b>	<b>1365.1</b>	<b>1555</b>	<b>233</b>
1091	25mg/kg P	Stem	3	3.85	1.02	1.28	0.34	52	85	16.9	13.9	0.97	51.5	5355	2646	285	23162	1066	2056	40
1092	25mg/kg P	Yng Blds	3	7.99	2.06	2.66	0.69	82	152	38.3	13.4	1.06	68.8	6698	2996	373	29308	2192	2068	87
1093	25mg/kg P	Yng Pet	3	1.77	0.45	0.59	0.15	28	59	19.9	14.3	0.60	39.4	5460	1646	245	28362	1182	1148	20
1094	25mg/kg P	Mature Bld	3	7.38	2.2	2.46	0.73	114	440	57.6	8.3	1.35	107.6	10233	4036	1333	20930	1258	1874	207
1095	25mg/kg P	Mature Pet	3	0.77	0.25	0.26	0.08	39	103	20.3	9.4	0.88	60.3	6870	2985	527	19539	555	1487	63
1096	25mg/kg P	Tips	3	0.38	0.08	0.13	0.03	55	127	24.6	21.0	1.55	59.2	6222	3231	290	35355	4224	3271	17
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.14</b>	<b>6.06</b>	<b>7.38</b>	<b>2.02</b>	<b>82.4</b>	<b>235.6</b>	<b>39.39</b>	<b>11.7</b>	<b>1.12</b>	<b>77.25</b>	<b>7657.3</b>	<b>3215.7</b>	<b>700.5</b>	<b>24878.5</b>	<b>1555.3</b>	<b>1922.4</b>	<b>115</b>
1097	50mg/kg P	Stem	3	4.03	1.2	1.34	0.4	35	45	15.6	7.7	0.88	39.4	3451	2346	365	21957	914	1196	35
1098	50mg/kg P	Yng Blds	3	7.67	2.19	2.56	0.73	79	105	42.8	10.3	1.01	66.5	7336	3862	387	25669	2068	2004	87
1099	50mg/kg P	Yng Pet	3	1.61	0.47	0.54	0.16	23	33	18.1	9.6	0.39	32.2	4188	1939	386	24158	871	784	18
1100	50mg/kg P	Mature Bld	3	6.25	1.9	2.08	0.63	126	299	78.0	7.5	1.19	106.6	11076	5931	1212	19386	1374	1922	276
1101	50mg/kg P	Mature Pet	3	0.62	0.22	0.21	0.07	39	63	22.1	6.2	0.71	58.4	6569	4784	1016	19312	617	1088	66
1102	50mg/kg P	Tips	3	0.55	0.13	0.18	0.04	59	50	28.1	13.6	1.07	41.1	5328	3344	202	32014	3603	2648	14
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>20.73</b>	<b>6.12</b>	<b>6.91</b>	<b>2.04</b>	<b>78.34</b>	<b>144.5</b>	<b>45.19</b>	<b>8.74</b>	<b>0.98</b>	<b>69.78</b>	<b>7380.7</b>	<b>4055.4</b>	<b>653.4</b>	<b>22662.76</b>	<b>1503.7</b>	<b>1695.9</b>	<b>127</b>
1103	100mg/kg P	Stem	3	5.78	1.85	1.93	0.62	36	51	14.4	8.5	0.73	32.5	4272	2312	274	19570	1143	1295	30
1104	100mg/kg P	Yng Blds	3	10.58	3.15	3.53	1.05	76	75	45.5	9.1	0.78	52.1	6904	3134	358	25502	2306	1938	93
1105	100mg/kg P	Yng Pet	3	2.33	0.72	0.78	0.24	24	23	17.9	7.8	0.49	27.5	4785	1464	216	21452	1253	842	17
1106	100mg/kg P	Mature Bld	3	8.81	2.66	2.94	0.89	113	193	92.2	7.2	1.59	56.9	9108	4299	1486	20905	1417	1423	226
1107	100mg/kg P	Mature Pet	3	1.08	0.35	0.36	0.12	35	47	20.0	4.9	0.43	32.8	5925	3435	471	16272	653	1100	46
1108	100mg/kg P	Tips	3	0.57	0.13	0.19	0.04	39	42	21.4	14.3	0.92	43.4	5229	3058	66	31689	4882	3037	15
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>29.15</b>	<b>8.86</b>	<b>9.72</b>	<b>2.95</b>	<b>72.61</b>	<b>99.99</b>	<b>49.6</b>	<b>8.23</b>	<b>0.98</b>	<b>46.7</b>	<b>6804.2</b>	<b>3198.7</b>	<b>671</b>	<b>22333.77</b>	<b>1683.2</b>	<b>1545.7</b>	<b>111</b>
1109	250mg/kg P	Stem	3	8.07	2.79	2.69	0.93	7	91	15.0	7.0	0.67	29.6	3658	1779	353	18423	1388	1298	15
1110	250mg/kg P	Yng Blds	3	9.93	3.27	3.31	1.09	72	181	60.2	7.0	1.12	44.3	7128	3197	346	24241	2027	1514	83
1111	250mg/kg P	Yng Pet	3	2.06	0.71	0.69	0.24	12	56	19.7	6.7	0.80	24.0	4777	1315	270	19268	1593	994	25
1112	250mg/kg P	Mature Bld	3	8.68	2.71	2.89	0.9	114	509	122.3	5.4	1.44	57.5	9995	4227	1480	20270	1496	1897	225
1113	250mg/kg P	Mature Pet	3	1	0.36	0.33	0.12	37	126	24.6	4.7	0.89	37.5	6287	2712	518	17886	877	1648	277
1114	250mg/kg P	Tips	3	0.58	0.15	0.19	0.05	30	59	19.0	13.5	1.33	47.2	5294	2744	59	30576	4830	3137	9
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>30.32</b>	<b>9.98</b>	<b>10.11</b>	<b>3.33</b>	<b>58.98</b>	<b>231.7</b>	<b>59.54</b>	<b>6.56</b>	<b>1.05</b>	<b>42.1</b>	<b>6706.5</b>	<b>2919.4</b>	<b>650.9</b>	<b>21050.61</b>	<b>1674.4</b>	<b>1548.9</b>	<b>104</b>

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																					
REP 2		Content (ug/plant)																			
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al	
1079	0mg/kg P	Stem	3	3.89	1.29	1.3	0.43	16	21	6	3.7	0.3	13.1	1674	1067	117	7186	408	448	13	
1080	0mg/kg P	Yng Blds	3	8.84	2.75	2.95	0.92	76	86	35	7.9	0.8	47.6	6378	3022	448	22007	1689	1707	265	
1081	0mg/kg P	Yng Pet	3	1.44	0.49	0.48	0.16	6	4	3	1.2	0.1	4.0	739	289	36	2666	129	113	5	
1082	0mg/kg P	Mature Bld	3	6.28	1.92	2.09	0.64	71	194	33	4.5	0.7	63.1	7099	3491	1215	11684	827	1250	166	
1083	0mg/kg P	Mature Pet	3	0.56	0.19	0.19	0.06	2	4	1	0.5	0.1	2.5	399	312	28	898	37	50	5	
1084	0mg/kg P	Tips	3	0.96	0.23	0.32	0.08	3	3	2	0.9	0.1	3.2	350	199	7	2336	254	194	4	
	<b>0mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>21.97</b>	<b>6.87</b>	<b>7.32</b>	<b>2.29</b>	<b>175</b>	<b>312</b>	<b>81</b>	<b>19</b>	<b>2</b>	<b>133</b>	<b>16640</b>	<b>8380</b>	<b>1851</b>	<b>46777</b>	<b>3344</b>	<b>3762</b>	<b>458</b>	
1085	4mg/kg P	Stem	3	4.43	1.54	1.48	0.51	21	29	7	4	0.4	13.8	1539.2	1084.8	120.9	7663	429	490	11	
1086	4mg/kg P	Yng Blds	3	8.39	2.56	2.8	0.85	90	77	29	7	0.6	44.4	5791.1	2962.3	301.8	19480	1565	1607	302	
1087	4mg/kg P	Yng Pet	3	1.54	0.48	0.51	0.16	4	3	2	1	0.1	3.7	571.5	206.9	39.8	2746	124	105	4	
1088	4mg/kg P	Mature Bld	3	6.27	1.92	2.09	0.64	141	173	26	4	0.7	64.4	7180.8	3571.8	774.4	11773	822	1192	201	
1089	4mg/kg P	Mature Pet	3	0.71	0.24	0.24	0.08	3	4	1	0	0.0	3.0	440.9	308.7	34.4	1258	42	63	4	
1090	4mg/kg P	Tips	3	0.47	0.13	0.16	0.04	2	2	1	0	0.0	1.6	188.3	122.7	13.1	1192	144	103	12	
	<b>4mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>21.81</b>	<b>6.88</b>	<b>7.27</b>	<b>2.29</b>	<b>262</b>	<b>288</b>	<b>67</b>	<b>17</b>	<b>2</b>	<b>131</b>	<b>15712</b>	<b>8257</b>	<b>1284</b>	<b>44111</b>	<b>3126</b>	<b>3561</b>	<b>534</b>	
1091	25mg/kg P	Stem	3	3.85	1.02	1.28	0.34	18	29	6	5	0.3	17.5	1820.7	899.6	96.9	7875	362	699	14	
1092	25mg/kg P	Yng Blds	3	7.99	2.06	2.66	0.69	57	105	26	9	0.7	47.5	4621.6	2067.2	257.4	20223	1512	1427	60	
1093	25mg/kg P	Yng Pet	3	1.77	0.45	0.59	0.15	4	9	3	2	0.1	5.9	819.0	246.9	36.8	4254	177	172	3	
1094	25mg/kg P	Mature Bld	3	7.38	2.2	2.46	0.73	83	321	42	6	1.0	78.5	7470.1	2946.3	973.1	15279	918	1368	151	
1095	25mg/kg P	Mature Pet	3	0.77	0.25	0.26	0.08	3	8	2	1	0.1	4.8	549.6	238.8	42.2	1563	44	119	5	
1096	25mg/kg P	Tips	3	0.38	0.08	0.13	0.03	2	4	1	1	0.0	1.8	186.7	96.9	8.7	1061	127	98	1	
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.14</b>	<b>6.06</b>	<b>7.38</b>	<b>2.02</b>	<b>166</b>	<b>476</b>	<b>80</b>	<b>24</b>	<b>2</b>	<b>156</b>	<b>15468</b>	<b>6496</b>	<b>1415</b>	<b>50255</b>	<b>3142</b>	<b>3883</b>	<b>233</b>	
1097	50mg/kg P	Stem	3	4.03	1.2	1.34	0.4	14	18	6	3	0.4	15.8	1380.4	938.4	146.0	8783	366	478	14	
1098	50mg/kg P	Yng Blds	3	7.67	2.19	2.56	0.73	58	77	31	8	0.7	48.5	5355.3	2819.3	282.5	18738	1510	1463	64	
1099	50mg/kg P	Yng Pet	3	1.61	0.47	0.54	0.16	4	5	3	2	0.1	5.2	670.1	310.2	61.8	3865	139	125	3	
1100	50mg/kg P	Mature Bld	3	6.25	1.9	2.08	0.63	79	188	49	5	0.7	67.2	6977.9	3736.5	763.6	12213	866	1211	174	
1101	50mg/kg P	Mature Pet	3	0.62	0.22	0.21	0.07	3	4	2	0	0.0	4.1	459.8	334.9	71.1	1352	43	76	5	
1102	50mg/kg P	Tips	3	0.55	0.13	0.18	0.04	2	2	1	1	0.0	1.6	213.1	133.8	8.1	1281	144	106	1	
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>20.73</b>	<b>6.12</b>	<b>6.91</b>	<b>2.04</b>	<b>160</b>	<b>295</b>	<b>92</b>	<b>18</b>	<b>2</b>	<b>142</b>	<b>15057</b>	<b>8273</b>	<b>1333</b>	<b>46232</b>	<b>3068</b>	<b>3460</b>	<b>259</b>	
1103	100mg/kg P	Stem	3	5.78	1.85	1.93	0.62	22	32	9	5	0.5	20.2	2648.6	1433.4	169.9	12133	709	803	19	
1104	100mg/kg P	Yng Blds	3	10.58	3.15	3.53	1.05	80	79	48	10	0.8	54.7	7249.2	3290.7	375.9	26777	2421	2035	98	
1105	100mg/kg P	Yng Pet	3	2.33	0.72	0.78	0.24	6	6	4	2	0.1	6.6	1148.4	351.4	51.8	5148	301	202	4	
1106	100mg/kg P	Mature Bld	3	8.81	2.66	2.94	0.89	101	172	82	6	1.4	50.6	8106.1	3826.1	1322.5	18605	1261	1266	201	
1107	100mg/kg P	Mature Pet	3	1.08	0.35	0.36	0.12	4	6	2	1	0.1	3.9	711.0	412.2	56.5	1953	78	132	6	
1108	100mg/kg P	Tips	3	0.57	0.13	0.19	0.04	2	2	1	1	0.0	1.7	209.2	122.3	2.6	1268	195	121	1	
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>29.15</b>	<b>8.86</b>	<b>9.72</b>	<b>2.95</b>	<b>214</b>	<b>295</b>	<b>146</b>	<b>24</b>	<b>3</b>	<b>138</b>	<b>20073</b>	<b>9436</b>	<b>1979</b>	<b>65885</b>	<b>4965</b>	<b>4560</b>	<b>328</b>	
1109	250mg/kg P	Stem	3	8.07	2.79	2.69	0.93	7	85	14	7	0.6	27.5	3401.9	1654.5	328.3	17133	1291	1207	14	
1110	250mg/kg P	Yng Blds	3	9.93	3.27	3.31	1.09	78	197	66	8	1.2	48.3	7769.5	3484.7	377.1	26423	2209	1650	90	
1111	250mg/kg P	Yng Pet	3	2.06	0.71	0.69	0.24	3	13	5	2	0.2	5.8	1146.5	315.6	64.8	4624	382	239	6	
1112	250mg/kg P	Mature Bld	3	8.68	2.71	2.89	0.9	103	458	110	5	1.3	51.8	8995.5	3804.3	1332.0	18243	1346	1707	203	
1113	250mg/kg P	Mature Pet	3	1	0.36	0.33	0.12	4	15	3	1	0.1	4.5	754.4	325.4	62.2	2146	105	198	33	
1114	250mg/kg P	Tips	3	0.58	0.15	0.19	0.05	2	3	1	1	0.1	2.4	264.7	137.2	3.0	1529	242	157	0	
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>30.32</b>	<b>9.98</b>	<b>10.11</b>	<b>3.33</b>	<b>196</b>	<b>772</b>	<b>198</b>	<b>22</b>	<b>4</b>	<b>140</b>	<b>22333</b>	<b>9722</b>	<b>2167</b>	<b>70099</b>	<b>5576</b>	<b>5158</b>	<b>347</b>	

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																						
REP 3																						
								Concentration (mg/kg DM)														
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Mo	Ni	Zn	Ca	Mg	Na	K	P	S	Al	
1115	0mg/kg P	Stem	2	0.14	0.03	0.07	0.01	163	95	33.5	11.7	2.58	2.39	66.7	4829	4877	1383	27485	1009	2048	554	
1116	0mg/kg P	Yng Blds	2	0.41	0.10	0.21	0.05	117	227	43.1	11.2	0.71	1.91	70.6	5487	4765	2190	35301	1525	2434	166	
1118	0mg/kg P	Mature Bld	2	0.22	0.05	0.11	0.02	213	410	74.6	10.0	1.47	2.87	149.6	9774	6297	9194	19078	880	2483	844	
	<b>0mg/kg P</b>	<b>Total</b>	<b>2</b>	<b>0.77</b>	<b>0.17</b>	<b>0.39</b>	<b>0.08</b>	<b>150</b>	<b>255</b>	<b>50</b>	<b>11</b>	<b>1.21</b>	<b>2.244</b>	<b>91.13</b>	<b>6529.6</b>	<b>5193.4</b>	<b>3936</b>	<b>29699</b>	<b>1269</b>	<b>2385</b>	<b>410</b>	
1120	4mg/kg P	Stem	3	2.89	0.78	1.45	0.39	45	54	16.6	9.1	0.32	1.20	51.0	4308	2863	277	22941	1117	1333	60	
1121	4mg/kg P	Yng Blds	3	6.37	1.83	3.19	0.92	86	112	36.0	10.5	0.30	1.19	76.8	5554	3663	281	30909	2126	2055	198	
1122	4mg/kg P	Yng Pet	3	1.24	0.34	0.62	0.17	38	56	23.0	14.6	0.21	0.94	49.2	5274	2408	277	30696	1378	1085	43	
1123	4mg/kg P	Mature Bld	3	3.94	1.75	1.97	0.87	157	304	76.3	9.3	1.24	1.53	133.7	10082	5537	1765	28025	1350	2219	560	
1124	4mg/kg P	Mature Pet	3	0.66	0.20	0.33	0.10	56	95	27.2	10.2	0.65	0.96	61.1	7214	4468	477	21849	664	1253	90	
1125	4mg/kg P	Tips	3	0.31	0.07	0.16	0.04	87	94	29.3	17.7	0.89	2.08	79.4	5919	4228	216	36969	5267	3717	176	
	<b>4mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>15.41</b>	<b>4.98</b>	<b>7.71</b>	<b>2.49</b>	<b>100</b>	<b>165</b>	<b>45.8</b>	<b>10.2</b>	<b>0.65</b>	<b>1.297</b>	<b>90.22</b>	<b>7001.4</b>	<b>4149.8</b>	<b>807.9</b>	<b>28347</b>	<b>1628</b>	<b>1923</b>	<b>288</b>	
1126	25mg/kg P	Stem	3	4.28	1.31	1.43	0.44	49	58	16.7	9.9	0.30	0.97	42.0	4642	2941	363	20909	1120	1358	50	
1127	25mg/kg P	Yng Blds	3	8.94	2.55	2.98	0.85	103	97	48.8	12.1	0.51	1.08	78.9	8164	3836	450	31999	2543	2532	92	
1128	25mg/kg P	Yng Pet	3	1.70	0.47	0.57	0.16	39	34	21.0	10.3	0.33	0.91	35.4	5329	2665	445	26035	1101	899	36	
1129	25mg/kg P	Mature Bld	3	6.93	2.15	2.31	0.72	132	264	77.1	8.2	0.39	1.52	119.7	11804	5435	1529	19885	1389	2141	333	
1130	25mg/kg P	Mature Pet	3	0.64	0.22	0.21	0.07	38	43	17.8	4.0	0.29	0.99	41.0	5459	3543	545	14038	471	700	49	
1131	25mg/kg P	Tips	3	0.33	0.06	0.11	0.02	63	50	21.5	13.1	1.27	1.63	45.2	5260	3041	136	30648	4056	2793	13	
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.82</b>	<b>6.76</b>	<b>7.61</b>	<b>2.25</b>	<b>94.9</b>	<b>136</b>	<b>48.4</b>	<b>10.1</b>	<b>0.42</b>	<b>1.189</b>	<b>80.19</b>	<b>8329.7</b>	<b>4073.6</b>	<b>776.4</b>	<b>24987</b>	<b>1746</b>	<b>2010</b>	<b>154.6</b>	
1132	50mg/kg P	Stem	3	4.54	1.54	1.51	0.51	62	72	17.0	7.4	0.76	1.01	29.2	3672	2592	233	17621	920	1011	22	
1133	50mg/kg P	Yng Blds	3	8.36	2.66	2.79	0.89	97	113	61.2	8.6	0.62	1.10	55.3	7700	3566	546	26878	1857	2173	122	
1134	50mg/kg P	Yng Pet	3	1.42	0.45	0.47	0.15	37	36	23.6	6.2	0.33	0.81	26.2	5219	2084	358	22559	832	731	30	
1135	50mg/kg P	Mature Bld	3	5.14	1.56	1.71	0.52	125	320	89.1	7.2	0.26	1.39	79.4	9720	4865	1845	22712	1350	2216	278	
1136	50mg/kg P	Mature Pet	3	0.51	0.16	0.17	0.05	81	60	25.4	3.7	0.12	0.50	33.0	6016	3471	581	18546	599	871	83	
1137	50mg/kg P	Tips	3	0.80	0.18	0.27	0.06	72	63	33.0	13.1	1.35	1.26	57.9	8601	4104	286	34085	3902	3090	49	
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>20.77</b>	<b>6.56</b>	<b>6.92</b>	<b>2.19</b>	<b>90.2</b>	<b>145</b>	<b>53.2</b>	<b>7.83</b>	<b>0.56</b>	<b>1.118</b>	<b>52.42</b>	<b>7047.5</b>	<b>3556.5</b>	<b>761.9</b>	<b>23414</b>	<b>1472</b>	<b>1805</b>	<b>126.3</b>	
1138	100mg/kg P	Stem	3	4.76	1.42	1.59	0.47	56	52	17.7	8.3	0.30	1.14	37.9	4544	3379	287	22485	1190	1105	39	
1139	100mg/kg P	Yng Blds	3	10.10	2.82	3.37	0.94	111	147	67.0	11.3	0.47	1.36	71.7	9454	4382	470	32102	2500	2412	95	
1140	100mg/kg P	Yng Pet	3	1.95	0.57	0.65	0.19	44	39	23.7	10.4	0.32	2.23	40.3	4841	2165	322	20081	930	728	28	
1141	100mg/kg P	Mature Bld	3	6.18	1.65	2.06	0.55	135	396	103.6	9.1	0.33	1.69	97.9	13950	6614	2161	26749	1934	2692	311	
1142	100mg/kg P	Mature Pet	3	0.62	0.18	0.21	0.06	49	60	31.8	10.3	0.34	1.94	51.8	8031	5549	673	23021	788	1297	74	
1143	100mg/kg P	Tips	3	1.48	0.31	0.49	0.10	7	77	26.1	9.3	1.51	1.24	46.0	4615	2383	233	24477	1822	1409	22	
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>25.09</b>	<b>6.94</b>	<b>8.36</b>	<b>2.31</b>	<b>93.8</b>	<b>173</b>	<b>59.4</b>	<b>9.98</b>	<b>0.43</b>	<b>1.474</b>	<b>66.79</b>	<b>8889.1</b>	<b>4466.5</b>	<b>816.4</b>	<b>27314</b>	<b>1896</b>	<b>2001</b>	<b>125.6</b>	
1144	250mg/kg P	Stem	3	6.65	2.24	2.22	0.75	47	63	30.1	17.7	0.58	1.92	52.3	5435	3271	88	35768	5037	3152	18	
1145	250mg/kg P	Yng Blds	3	9.39	2.82	3.13	0.94	88	90	70.7	10.0	1.81	1.22	67.2	8251	3694	431	29101	2767	2133	102	
1146	250mg/kg P	Yng Pet	3	2.43	0.73	0.81	0.24	37	31	24.8	7.2	0.27	0.57	37.2	5517	1643	202	25019	1251	782	25	
1147	250mg/kg P	Mature Bld	3	10.09	3.06	3.36	1.02	136	241	152.3	7.5	0.84	1.40	96.1	10996	4905	1344	28341	2093	2155	413	
1148	250mg/kg P	Mature Pet	3	1.37	0.44	0.46	0.15	42	68	26.4	7.2	0.32	0.98	64.3	8355	4531	316	26151	1053	1268	45	
1149	250mg/kg P	Tips	3	0.80	0.20	0.27	0.07	37	44	29.8	15.4	3.10	1.55	59.5	8900	3899	109	37747	6054	3435	37	
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>30.73</b>	<b>9.48</b>	<b>10.24</b>	<b>3.16</b>	<b>86.7</b>	<b>126</b>	<b>81</b>	<b>10.8</b>	<b>1.05</b>	<b>1.389</b>	<b>70.41</b>	<b>8280.6</b>	<b>3871</b>	<b>615.1</b>	<b>30160</b>	<b>2958</b>	<b>2264</b>	<b>172.6</b>	

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																					
REP 3		Content (ug/plant)																			
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al	
1115	0mg/kg P	Stem	2	0.14	0.03	0.07	0.01	2	1	0.5	0.2	0.0	0.9	65	66	19	371	14	28	7	
1116	0mg/kg P	Yng Blds	2	0.41	0.10	0.21	0.05	6	11	2.1	0.5	0.1	3.4	263	229	105	1694	73	117	8	
1118	0mg/kg P	Mature Bld	2	0.22	0.05	0.11	0.02	5	9	1.7	0.2	0.1	3.4	220	142	207	429	20	56	19	
	<b>0mg/kg P</b>	<b>Total</b>	<b>2</b>	<b>0.77</b>	<b>0.17</b>	<b>0.39</b>	<b>0.08</b>	<b>13</b>	<b>21</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>548</b>	<b>436</b>	<b>331</b>	<b>2495</b>	<b>107</b>	<b>200</b>	<b>34</b>	
1120	4mg/kg P	Stem	3	2.89	0.78	1.45	0.39	18	21	6	4	0	20	1680	1117	108	8947	436	520	23	
1121	4mg/kg P	Yng Blds	3	6.37	1.83	3.19	0.92	79	103	33	10	1	70	5093	3359	258	28344	1950	1884	182	
1122	4mg/kg P	Yng Pet	3	1.24	0.34	0.62	0.17	6	10	4	2	0	8	902	412	47	5249	236	186	7	
1123	4mg/kg P	Mature Bld	3	3.94	1.75	1.97	0.87	137	265	67	8	1	117	8802	4834	1541	24466	1179	1937	489	
1124	4mg/kg P	Mature Pet	3	0.66	0.20	0.33	0.10	6	10	3	1	0	6	736	456	49	2229	68	128	9	
1125	4mg/kg P	Tips	3	0.31	0.07	0.16	0.04	3	3	1	1	0	3	207	148	8	1294	184	130	6	
	<b>4mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>15.41</b>	<b>4.98</b>	<b>7.71</b>	<b>2.49</b>	<b>249</b>	<b>412</b>	<b>114</b>	<b>25</b>	<b>3</b>	<b>224</b>	<b>17420</b>	<b>10325</b>	<b>2010</b>	<b>70528</b>	<b>4051</b>	<b>4785</b>	<b>717</b>	
1126	25mg/kg P	Stem	3	4.28	1.31	1.43	0.44	21	25	7	4	0	18	2027	1284	159	9130	489	593	22	
1127	25mg/kg P	Yng Blds	3	8.94	2.55	2.98	0.85	88	83	42	10	1	67	6948	3264	383	27231	2164	2155	78	
1128	25mg/kg P	Yng Pet	3	1.70	0.47	0.57	0.16	6	5	3	2	0	6	833	417	70	4070	172	141	6	
1129	25mg/kg P	Mature Bld	3	6.93	2.15	2.31	0.72	95	189	55	6	1	86	8467	3899	1097	14264	996	1536	239	
1130	25mg/kg P	Mature Pet	3	0.64	0.22	0.21	0.07	3	3	1	0	0	3	400	260	40	1029	35	51	4	
1131	25mg/kg P	Tips	3	0.33	0.06	0.11	0.02	1	1	0	0	0	1	105	61	3	613	81	56	0	
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.82</b>	<b>6.76</b>	<b>7.61</b>	<b>2.25</b>	<b>214</b>	<b>307</b>	<b>109</b>	<b>23</b>	<b>3</b>	<b>181</b>	<b>18781</b>	<b>9185</b>	<b>1751</b>	<b>56338</b>	<b>3937</b>	<b>4531</b>	<b>348</b>	
1132	50mg/kg P	Stem	3	4.54	1.54	1.51	0.51	32	37	9	4	1	15	1884	1330	120	9040	472	519	11	
1133	50mg/kg P	Yng Blds	3	8.36	2.66	2.79	0.89	86	100	54	8	1	49	6838	3167	485	23868	1649	1930	108	
1134	50mg/kg P	Yng Pet	3	1.42	0.45	0.47	0.15	6	5	4	1	0	4	788	315	54	3406	126	110	5	
1135	50mg/kg P	Mature Bld	3	5.14	1.56	1.71	0.52	65	166	46	4	1	41	5051	2528	959	11803	702	1152	144	
1136	50mg/kg P	Mature Pet	3	0.51	0.16	0.17	0.05	4	3	1	0	0	2	323	186	31	995	32	47	4	
1137	50mg/kg P	Tips	3	0.80	0.18	0.27	0.06	4	4	2	1	0	4	525	250	17	2079	238	188	3	
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>20.77</b>	<b>6.56</b>	<b>6.92</b>	<b>2.19</b>	<b>197</b>	<b>316</b>	<b>116</b>	<b>17</b>	<b>2</b>	<b>115</b>	<b>15408</b>	<b>7776</b>	<b>1666</b>	<b>51191</b>	<b>3218</b>	<b>3945</b>	<b>276</b>	
1138	100mg/kg P	Stem	3	4.76	1.42	1.59	0.47	27	25	8	4	1	18	2152	1601	136	10650	564	523	18	
1139	100mg/kg P	Yng Blds	3	10.10	2.82	3.37	0.94	104	138	63	11	1	67	8890	4121	442	30187	2351	2268	89	
1140	100mg/kg P	Yng Pet	3	1.95	0.57	0.65	0.19	8	7	4	2	0	8	913	408	61	3789	175	137	5	
1141	100mg/kg P	Mature Bld	3	6.18	1.65	2.06	0.55	74	217	57	5	1	54	7654	3629	1186	14676	1061	1477	171	
1142	100mg/kg P	Mature Pet	3	0.62	0.18	0.21	0.06	3	4	2	1	0	3	468	324	39	1343	46	76	4	
1143	100mg/kg P	Tips	3	1.48	0.31	0.49	0.10	1	8	3	1	0	5	471	243	24	2497	186	144	2	
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>25.09</b>	<b>6.94</b>	<b>8.36</b>	<b>2.31</b>	<b>217</b>	<b>399</b>	<b>137</b>	<b>23</b>	<b>3</b>	<b>154</b>	<b>20549</b>	<b>10325</b>	<b>1887</b>	<b>63141</b>	<b>4383</b>	<b>4625</b>	<b>290</b>	
1144	250mg/kg P	Stem	3	6.65	2.24	2.22	0.75	35	47	22	13	1	39	4058	2442	66	26707	3761	2353	13	
1145	250mg/kg P	Yng Blds	3	9.39	2.82	3.13	0.94	83	84	66	9	1	63	7745	3467	405	27316	2597	2002	96	
1146	250mg/kg P	Yng Pet	3	2.43	0.73	0.81	0.24	9	8	6	2	0	9	1337	398	49	6063	303	190	6	
1147	250mg/kg P	Mature Bld	3	10.09	3.06	3.36	1.02	139	246	155	8	1	98	11220	5005	1371	28917	2136	2199	421	
1148	250mg/kg P	Mature Pet	3	1.37	0.44	0.46	0.15	6	10	4	1	0	9	1231	668	47	3853	155	187	7	
1149	250mg/kg P	Tips	3	0.80	0.20	0.27	0.07	2	3	2	1	0	4	584	256	7	2479	398	226	2	
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>30.73</b>	<b>9.48</b>	<b>10.24</b>	<b>3.16</b>	<b>274</b>	<b>398</b>	<b>256</b>	<b>34</b>	<b>4</b>	<b>223</b>	<b>26175</b>	<b>12236</b>	<b>1944</b>	<b>95335</b>	<b>9350</b>	<b>7156</b>	<b>546</b>	

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																					
REP 4																					
								Concentration (mg/kg DM)													
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al	
1150	0mg/kg P	Stem	3	0.65	0.15	0.22	0.05	107	85	23.7	12.6	1.74	79.3	4003	4025	1284	28531	1171	2545	138	
1151	0mg/kg P	Yng Blds	3	1.85	0.47	0.62	0.16	106	168	38.0	11.1	1.34	75.5	4488	3975	1727	32257	1285	2363	96	
1152	0mg/kg P	Yng Pet	3	0.15	0.04	0.05	0.01	63	101	30.7	11.6	3.25	62.5	4483	2333	1534	29910	861	1548	121	
1153	0mg/kg P	Mature Bld	3	0.78	0.19	0.26	0.06	180	311	75.0	9.1	1.46	106.8	8664	5618	4860	20956	841	2566	292	
1155	0mg/kg P	Tips	3	0.30	0.07	0.10	0.02	123	162	28.8	22.3	2.60	88.1	5027	5230	543	41694	3411	4605	42	
	<b>0mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>3.73</b>	<b>0.91</b>	<b>1.24</b>	<b>0.30</b>	<b>120.9</b>	<b>180.7</b>	<b>42.3</b>	<b>11.77</b>	<b>1.5995</b>	<b>82.9</b>	<b>5307</b>	<b>4345</b>	<b>2205</b>	<b>29911</b>	<b>1312</b>	<b>2564</b>	<b>140</b>	
1156	4mg/kg P	Stem	2	0.69	0.18	0.35	0.09	68	72	20.4	11.4	1.30	70.5	3836	4502	740	27456	1165	1854	118	
1157	4mg/kg P	Yng Blds	2	2.71	0.69	1.36	0.35	90	147	30.2	9.7	1.08	72.1	4846	4076	664	31502	1512	2308	104	
1158	4mg/kg P	Yng Pet	2	0.28	0.08	0.14	0.04	50	70	20.9	9.1	1.96	50.7	3494	2550	601	21338	829	1191	38	
1159	4mg/kg P	Mature Bld	2	1.00	0.25	0.50	0.12	124	254	51.7	8.1	1.11	95.9	8355	5482	2885	20198	892	2163	371	
1160	4mg/kg P	Mature Pet	2	0.15	0.02	0.08	0.01	67	102	43.7	8.3	4.93	45.9	5424	4440	980	13772	426	1591	117	
1161	4mg/kg P	Tips	2	0.26	0.05	0.13	0.03	102	110	27.8	15.6	2.45	75.7	3821	4161	452	38122	2969	3179	514	
	<b>4mg/kg P</b>	<b>Total</b>	<b>2</b>	<b>5.09</b>	<b>1.26</b>	<b>2.55</b>	<b>0.63</b>	<b>91.17</b>	<b>150.3</b>	<b>32.49</b>	<b>9.811</b>	<b>1.2792</b>	<b>74.9</b>	<b>5266</b>	<b>4322</b>	<b>1098</b>	<b>28129</b>	<b>1344</b>	<b>2171</b>	<b>170</b>	
1162	25mg/kg P	Stem	3	5.59	1.13	1.86	0.38	42	44	14.9	10.7	1.00	38.5	3321	3008	243	16155	814	1451	34	
1163	25mg/kg P	Yng Blds	3	6.54	2.02	2.18	0.67	96	138	50.8	12.8	1.02	68.0	7380	4572	397	27028	2057	2348	82	
1164	25mg/kg P	Yng Pet	3	3.33	0.36	1.11	0.12	36	34	21.2	8.9	0.83	34.8	4851	2491	394	24578	901	888	26	
1165	25mg/kg P	Mature Bld	3	6.06	1.93	2.02	0.64	122	321	66.5	9.1	1.47	113.3	9848	6034	1230	18332	1315	2351	293	
1166	25mg/kg P	Mature Pet	3	0.58	0.19	0.19	0.06	42	59	23.2	6.8	0.98	53.7	5310	5314	645	16257	570	928	59	
1167	25mg/kg P	Tips	3	0.23	0.05	0.08	0.02	75	79	25.4	20.5	2.29	54.7	6233	3764	205	30681	4213	3471	474	
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.33</b>	<b>5.67</b>	<b>7.44</b>	<b>1.89</b>	<b>88.35</b>	<b>171.9</b>	<b>46.01</b>	<b>10.74</b>	<b>1.1659</b>	<b>74.9</b>	<b>7175</b>	<b>4645</b>	<b>656.5</b>	<b>21421</b>	<b>1452</b>	<b>2040</b>	<b>143</b>	
1168	50mg/kg P	Stem	3	3.07	0.96	1.02	0.32	57	73	18.7	10.7	1.43	48.4	5235	3449	349	20174	1252	1568	40	
1169	50mg/kg P	Yng Blds	3	6.35	1.95	2.12	0.65	75	105	49.6	9.1	1.26	60.2	6951	3346	415	24746	2253	2146	96	
1170	50mg/kg P	Yng Pet	3	1.33	0.38	0.44	0.13	40	43	22.1	9.1	1.11	41.3	5624	2184	382	22927	1273	1083	30	
1171	50mg/kg P	Mature Bld	3	5.60	1.76	1.87	0.59	118	317	96.4	7.8	1.56	122.6	11903	5348	1771	21165	1529	2383	295	
1172	50mg/kg P	Mature Pet	3	0.61	0.19	0.20	0.06	51	90	22.9	7.0	1.47	60.9	8427	5145	596	19572	732	1255	62	
1173	50mg/kg P	Tips	3	0.14	0.03	0.05	0.01	72	68	28.0	16.6	3.38	68.2	5100	3145	227	32341	5749	3405	40	
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>17.10</b>	<b>5.27</b>	<b>5.70</b>	<b>1.76</b>	<b>82.71</b>	<b>164.8</b>	<b>56.54</b>	<b>8.928</b>	<b>1.4011</b>	<b>77.6</b>	<b>8239</b>	<b>4014</b>	<b>859.1</b>	<b>22444</b>	<b>1725</b>	<b>2020</b>	<b>146</b>	
1174	100mg/kg P	Stem	3	4.42	1.48	1.47	0.49	42	100	15.4	8.6	1.09	35.1	3772	2462	278	18084	991	1290	47	
1175	100mg/kg P	Yng Blds	3	8.42	2.59	2.81	0.86	91	207	50.7	8.8	1.15	57.6	5824	2677	496	26365	1902	1999	102	
1176	100mg/kg P	Yng Pet	3	1.79	0.53	0.60	0.18	34	83	22.7	8.0	0.70	40.8	5297	1422	255	27844	1027	990	63	
1177	100mg/kg P	Mature Bld	3	6.92	2.16	2.31	0.72	114	508	90.3	6.0	1.26	93.6	7774	3372	1315	24962	1397	1939	245	
1178	100mg/kg P	Mature Pet	3	0.94	0.29	0.31	0.10	103	142	21.9	6.5	0.91	56.7	5971	2551	439	19405	669	1052	56	
1179	100mg/kg P	Tips	3	0.66	0.14	0.22	0.05	53	110	24.0	13.8	1.18	40.6	5794	2804	167	30792	3588	2674	42	
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>23.15</b>	<b>7.19</b>	<b>7.72</b>	<b>2.40</b>	<b>83.3</b>	<b>261.6</b>	<b>51.56</b>	<b>7.866</b>	<b>1.1283</b>	<b>62.2</b>	<b>5953</b>	<b>2746</b>	<b>670.4</b>	<b>24156</b>	<b>1482</b>	<b>1736</b>	<b>128</b>	
1180	250mg/kg P	Stem	3	5.88	1.90	1.96	0.63	7	64	17.7	6.6	1.00	33.0	4634	3272	282	20599	1580	1255	18	
1181	250mg/kg P	Yng Blds	3	9.71	3.04	3.24	1.01	77	82	72.3	8.1	1.07	52.6	7870	3208	414	27181	2574	2126	85	
1182	250mg/kg P	Yng Pet	3	2.46	0.68	0.82	0.23	189	32	22.3	6.5	0.98	32.1	5662	1984	305	26600	1708	905	22	
1183	250mg/kg P	Mature Bld	3	7.75	2.38	2.58	0.79	135	246	142.4	6.5	1.59	61.5	10629	4687	1700	26163	1910	2255	695	
1184	250mg/kg P	Mature Pet	3	1.01	0.30	0.34	0.10	47	45	21.9	3.7	1.06	35.1	6294	4166	425	24636	788	1043	69	
1185	250mg/kg P	Tips	3	0.31	0.05	0.10	0.02	29	52	27.1	10.1	1.53	49.9	6405	2932	139	28006	5419	3013	36	
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>27.12</b>	<b>8.34</b>	<b>9.04</b>	<b>2.78</b>	<b>85.33</b>	<b>119</b>	<b>73.67</b>	<b>7.029</b>	<b>1.1971</b>	<b>48.4</b>	<b>7673</b>	<b>3576</b>	<b>739.5</b>	<b>25261</b>	<b>2042</b>	<b>1832</b>	<b>237</b>	

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																						
REP 4																						
								Content (ug/plant)														
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al		
1150	0mg/kg P	Stem	3	0.65	0.15	0.22	0.05	5	4	1.2	0.6	0.09	3.9	199	200	64	1417	58	126	7		
1151	0mg/kg P	Yng Blds	3	1.85	0.47	0.62	0.16	17	26	6.0	1.7	0.21	11.8	703	623	271	5054	201	370	15		
1152	0mg/kg P	Yng Pet	3	0.15	0.04	0.05	0.01	1	1	0.4	0.1	0.04	0.8	55	29	19	369	11	19	1		
1153	0mg/kg P	Mature Bld	3	0.78	0.19	0.26	0.06	11	19	4.7	0.6	0.09	6.7	540	350	303	1306	52	160	18		
1155	0mg/kg P	Tips	3	0.30	0.07	0.10	0.02	3	4	0.6	0.5	0.06	1.9	111	115	12	917	75	101	1		
	<b>0mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>3.73</b>	<b>0.91</b>	<b>1.24</b>	<b>0.30</b>	<b>37</b>	<b>55</b>	<b>13</b>	<b>4</b>	<b>0</b>	<b>25</b>	<b>1608</b>	<b>1317</b>	<b>668</b>	<b>9063</b>	<b>398</b>	<b>777</b>	<b>43</b>		
1156	4mg/kg P	Stem	2	0.69	0.18	0.35	0.09	6	6	2	1	0	6	341	401	66	2444	104	165	11		
1157	4mg/kg P	Yng Blds	2	2.71	0.69	1.36	0.35	31	51	10	3	0	25	1677	1410	230	10900	523	799	36		
1158	4mg/kg P	Yng Pet	2	0.28	0.08	0.14	0.04	2	3	1	0	0	2	138	101	24	843	33	47	2		
1159	4mg/kg P	Mature Bld	2	1.00	0.25	0.50	0.12	15	31	6	1	0	12	1023	672	353	2474	109	265	45		
1160	4mg/kg P	Mature Pet	2	0.15	0.02	0.08	0.01	1	1	0	0	0	0	46	38	8	117	4	14	1		
1161	4mg/kg P	Tips	2	0.26	0.05	0.13	0.03	3	3	1	0	0	2	97	106	12	972	76	81	13		
	<b>4mg/kg P</b>	<b>Total</b>	<b>2</b>	<b>5.09</b>	<b>1.26</b>	<b>2.55</b>	<b>0.63</b>	<b>58</b>	<b>95</b>	<b>21</b>	<b>6</b>	<b>1</b>	<b>47</b>	<b>3323</b>	<b>2727</b>	<b>693</b>	<b>17750</b>	<b>848</b>	<b>1370</b>	<b>108</b>		
1162	25mg/kg P	Stem	3	5.59	1.13	1.86	0.38	16	17	6	4	0	14	1249	1131	91	6074	306	546	13		
1163	25mg/kg P	Yng Blds	3	6.54	2.02	2.18	0.67	65	93	34	9	1	46	4967	3077	267	18190	1384	1580	55		
1164	25mg/kg P	Yng Pet	3	3.33	0.36	1.11	0.12	4	4	3	1	0	4	582	299	47	2949	108	107	3		
1165	25mg/kg P	Mature Bld	3	6.06	1.93	2.02	0.64	79	207	43	6	1	73	6339	3884	792	11800	846	1513	189		
1166	25mg/kg P	Mature Pet	3	0.58	0.19	0.19	0.06	3	4	1	0	0	3	333	333	40	1019	36	58	4		
1167	25mg/kg P	Tips	3	0.23	0.05	0.08	0.02	1	1	0	0	0	1	93	56	3	460	63	52	7		
	<b>25mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>22.33</b>	<b>5.67</b>	<b>7.44</b>	<b>1.89</b>	<b>167</b>	<b>325</b>	<b>87</b>	<b>20</b>	<b>2</b>	<b>142</b>	<b>13563</b>	<b>8780</b>	<b>1241</b>	<b>40492</b>	<b>2744</b>	<b>3856</b>	<b>270</b>		
1168	50mg/kg P	Stem	3	3.07	0.96	1.02	0.32	18	23	6	3	0	16	1680	1107	112	6476	402	503	13		
1169	50mg/kg P	Yng Blds	3	6.35	1.95	2.12	0.65	49	68	32	6	1	39	4514	2173	269	16068	1463	1393	62		
1170	50mg/kg P	Yng Pet	3	1.33	0.38	0.44	0.13	5	5	3	1	0	5	703	273	48	2866	159	135	4		
1171	50mg/kg P	Mature Bld	3	5.60	1.76	1.87	0.59	69	186	57	5	1	72	6983	3137	1039	12417	897	1398	173		
1172	50mg/kg P	Mature Pet	3	0.61	0.19	0.20	0.06	3	6	1	0	0	4	531	324	38	1233	46	79	4		
1173	50mg/kg P	Tips	3	0.14	0.03	0.05	0.01	1	1	0	0	0	1	54	34	2	345	61	36	0		
	<b>50mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>17.10</b>	<b>5.27</b>	<b>5.70</b>	<b>1.76</b>	<b>145</b>	<b>289</b>	<b>99</b>	<b>16</b>	<b>2</b>	<b>136</b>	<b>14465</b>	<b>7048</b>	<b>1508</b>	<b>39405</b>	<b>3028</b>	<b>3546</b>	<b>256</b>		
1174	100mg/kg P	Stem	3	4.42	1.48	1.47	0.49	21	49	8	4	1	17	1865	1217	137	8940	490	638	23		
1175	100mg/kg P	Yng Blds	3	8.42	2.59	2.81	0.86	78	178	44	8	1	50	5018	2307	427	22718	1639	1722	88		
1176	100mg/kg P	Yng Pet	3	1.79	0.53	0.60	0.18	6	15	4	1	0	7	941	253	45	4947	182	176	11		
1177	100mg/kg P	Mature Bld	3	6.92	2.16	2.31	0.72	82	366	65	4	1	67	5600	2429	947	17981	1006	1397	176		
1178	100mg/kg P	Mature Pet	3	0.94	0.29	0.31	0.10	10	14	2	1	0	5	573	245	42	1863	64	101	5		
1179	100mg/kg P	Tips	3	0.66	0.14	0.22	0.05	3	5	1	1	0	2	278	135	8	1478	172	128	2		
	<b>100mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>23.15</b>	<b>7.19</b>	<b>7.72</b>	<b>2.40</b>	<b>200</b>	<b>627</b>	<b>124</b>	<b>19</b>	<b>3</b>	<b>149</b>	<b>14275</b>	<b>6585</b>	<b>1608</b>	<b>57926</b>	<b>3554</b>	<b>4162</b>	<b>306</b>		
1180	250mg/kg P	Stem	3	5.88	1.90	1.96	0.63	4	40	11	4	1	21	2930	2069	178	13025	999	794	11		
1181	250mg/kg P	Yng Blds	3	9.71	3.04	3.24	1.01	78	83	73	8	1	53	7978	3252	420	27552	2609	2155	86		
1182	250mg/kg P	Yng Pet	3	2.46	0.68	0.82	0.23	43	7	5	1	0	7	1281	449	69	6020	387	205	5		
1183	250mg/kg P	Mature Bld	3	7.75	2.38	2.58	0.79	107	194	112	5	1	49	8397	3703	1343	20669	1509	1781	549		
1184	250mg/kg P	Mature Pet	3	1.01	0.30	0.34	0.10	5	4	2	0	0	3	621	411	42	2431	78	103	7		
1185	250mg/kg P	Tips	3	0.31	0.05	0.10	0.02	0	1	0	0	0	1	109	50	2	476	92	51	1		
	<b>250mg/kg P</b>	<b>Total</b>	<b>3</b>	<b>27.12</b>	<b>8.34</b>	<b>9.04</b>	<b>2.78</b>	<b>237</b>	<b>330</b>	<b>205</b>	<b>20</b>	<b>3</b>	<b>134</b>	<b>21316</b>	<b>9934</b>	<b>2054</b>	<b>70174</b>	<b>5674</b>	<b>5089</b>	<b>659</b>		

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																						
MEAN		Concentration (mg/kg DM)																				
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al		
MEAN	0mg/kg P	Stem	2.2	1.299	0.379	0.438	0.127	79	61	18.8	8.4	1.2	47.3	3355	3221	710	18749	786	1514	162		
MEAN	0mg/kg P	Yng Bls	2.2	2.991	0.861	1.011	0.291	82	136	31.1	8.2	1.0	58.4	4344	3178	1071	24129	1207	1764	125		
MEAN	0mg/kg P	Yng Pet	2.2	0.548	0.169	0.183	0.055	36	49	17.8	6.8	1.2	34.3	3233	1588	607	18031	605	900	48		
MEAN	0mg/kg P	Mature Bld	2.2	2.178	0.610	0.733	0.205	135	289	50.9	6.8	1.4	94.1	7842	4596	4105	15560	783	1829	356		
MEAN	0mg/kg P	Mature Pet	2.2	0.307	0.094	0.103	0.030	28	61	15.1	3.9	0.5	36.8	3783	3101	503	9914	350	680	55		
MEAN	0mg/kg P	Tips	2.2	0.398	0.090	0.133	0.031	61	86	19.2	12.8	1.0	49.0	3843	3245	225	26524	2356	2595	29		
<b>MEAN</b>	<b>0mg/kg P</b>	<b>Total</b>	<b>2.2</b>	<b>7.408</b>	<b>2.113</b>	<b>2.494</b>	<b>0.710</b>	<b>93</b>	<b>162</b>	<b>33.2</b>	<b>8.0</b>	<b>1.2</b>	<b>64.8</b>	<b>5085</b>	<b>3550</b>	<b>1812</b>	<b>20799</b>	<b>1027</b>	<b>1732</b>	<b>186</b>		
MEAN	4mg/kg P	Stem	2.2	2.372	0.748	0.911	0.280	41	53	12.8	7.2	0.8	35.2	3087	2366	307	16370	776	1056	46		
MEAN	4mg/kg P	Yng Bls	2.2	5.022	1.477	1.977	0.576	71	115	27.1	7.8	0.8	50.0	4702	2823	319	21561	1378	1612	140		
MEAN	4mg/kg P	Yng Pet	2.2	0.926	0.277	0.359	0.106	30	42	15.4	8.1	0.8	30.1	3423	1495	284	17588	717	738	24		
MEAN	4mg/kg P	Mature Bld	2.2	3.460	1.157	1.318	0.452	121	286	44.0	6.4	1.1	85.5	7851	4168	1364	17541	911	1628	277		
MEAN	4mg/kg P	Mature Pet	2.2	0.468	0.142	0.184	0.055	43	72	22.1	7.2	1.5	37.3	4937	3257	491	13328	403	1059	59		
MEAN	4mg/kg P	Tips	2.2	0.344	0.080	0.134	0.030	56	76	22.0	12.8	1.3	46.3	4183	2881	229	26304	2886	2387	202		
<b>MEAN</b>	<b>4mg/kg P</b>	<b>Total</b>	<b>2.2</b>	<b>12.592</b>	<b>3.883</b>	<b>4.881</b>	<b>1.502</b>	<b>76</b>	<b>146</b>	<b>28.2</b>	<b>7.4</b>	<b>0.9</b>	<b>55.8</b>	<b>5181</b>	<b>3032</b>	<b>593</b>	<b>19228</b>	<b>1087</b>	<b>1456</b>	<b>151</b>		
MEAN	25mg/kg P	Stem	2.4	3.644	0.950	1.214	0.317	38	49	13.1	8.8	0.7	33.0	3460	2211	227	15835	817	1230	31		
MEAN	25mg/kg P	Yng Bls	2.4	6.362	1.769	2.120	0.590	74	97	36.8	9.8	0.8	54.3	5716	2903	315	22738	1851	1768	74		
MEAN	25mg/kg P	Yng Pet	2.4	1.786	0.366	0.595	0.171	26	33	16.4	8.4	0.6	27.3	3972	1731	269	20138	872	801	21		
MEAN	25mg/kg P	Mature Bld	2.4	5.520	1.682	1.840	0.566	106	265	52.7	6.8	1.1	85.4	8449	4056	1072	15894	1079	1676	223		
MEAN	25mg/kg P	Mature Pet	2.4	0.546	0.181	0.183	0.080	31	56	16.2	5.0	0.7	38.3	4634	3176	472	12871	431	805	45		
MEAN	25mg/kg P	Tips	2.4	0.271	0.052	0.091	0.155	51	64	19.1	13.8	1.3	43.9	4494	2690	168	26958	3605	2618	104		
<b>MEAN</b>	<b>25mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>18.129</b>	<b>5.000</b>	<b>6.043</b>	<b>1.878</b>	<b>70</b>	<b>133</b>	<b>34.0</b>	<b>8.5</b>	<b>0.9</b>	<b>57.6</b>	<b>5886</b>	<b>3058</b>	<b>531</b>	<b>19267</b>	<b>1438</b>	<b>1602</b>	<b>103</b>		
MEAN	50mg/kg P	Stem	2.4	3.322	1.024	1.107	0.263	41	66	13.4	7.7	0.8	34.1	3289	2248	240	15815	804	1057	27		
MEAN	50mg/kg P	Yng Bls	2.4	6.284	1.872	2.095	0.459	75	126	43.3	7.6	0.9	58.1	5955	2879	383	20735	1585	1640	86		
MEAN	50mg/kg P	Yng Pet	2.4	1.178	0.349	0.393	0.182	26	44	16.7	6.9	0.6	31.1	3978	1606	292	17966	742	690	20		
MEAN	50mg/kg P	Mature Bld	2.4	4.466	1.324	1.488	0.518	103	345	73.4	6.1	1.3	96.1	8867	4380	1431	17161	1093	1695	232		
MEAN	50mg/kg P	Mature Pet	2.4	0.442	0.146	0.148	0.132	47	80	18.9	5.0	0.7	47.2	5497	3396	550	15013	492	988	54		
MEAN	50mg/kg P	Tips	2.4	0.510	0.109	0.169	0.193	54	65	22.3	12.6	1.3	48.1	5147	2875	170	26634	3680	2495	22		
<b>MEAN</b>	<b>50mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>16.202</b>	<b>4.827</b>	<b>5.401</b>	<b>1.748</b>	<b>67</b>	<b>160</b>	<b>40.5</b>	<b>7.5</b>	<b>1.0</b>	<b>60.4</b>	<b>6095</b>	<b>3124</b>	<b>640</b>	<b>18706</b>	<b>1385</b>	<b>1532</b>	<b>103</b>		
MEAN	100mg/kg P	Stem	2.4	4.116	1.319	1.373	0.348	34	50	12.3	6.2	0.8	26.3	3258	2113	215	15646	841	931	28		
MEAN	100mg/kg P	Yng Bls	2.4	7.600	2.255	2.534	0.664	72	102	41.5	7.4	0.8	45.9	5706	2630	350	21606	1715	1635	73		
MEAN	100mg/kg P	Yng Pet	2.4	1.562	0.470	0.521	0.132	25	35	16.5	6.3	0.9	27.0	3967	1331	222	18476	811	657	27		
MEAN	100mg/kg P	Mature Bld	2.4	6.040	1.790	2.014	0.445	96	259	72.6	5.8	1.1	63.1	7850	3684	1308	19055	1235	1612	196		
MEAN	100mg/kg P	Mature Pet	2.4	0.712	0.220	0.237	0.178	47	57	18.6	5.1	0.7	33.9	4949	2801	368	15205	530	856	43		
MEAN	100mg/kg P	Tips	2.4	0.580	0.127	0.193	0.219	31	57	20.7	10.2	0.9	37.5	4288	2255	139	23970	3077	2105	18		
<b>MEAN</b>	<b>100mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>20.610</b>	<b>6.180</b>	<b>6.871</b>	<b>1.983</b>	<b>62</b>	<b>118</b>	<b>38.3</b>	<b>7.0</b>	<b>0.9</b>	<b>44.1</b>	<b>5442</b>	<b>2646</b>	<b>496</b>	<b>19823</b>	<b>1552</b>	<b>1478</b>	<b>80</b>		
MEAN	250mg/kg P	Stem	2.4	5.296	1.768	1.765	0.584	14	55	15.5	7.7	0.9	30.2	3522	2124	234	18869	1874	1452	17		
MEAN	250mg/kg P	Yng Bls	2.4	7.538	2.343	2.513	0.790	62	85	54.7	6.7	0.8	44.1	5942	2632	387	21389	1965	1588	67		
MEAN	250mg/kg P	Yng Pet	2.4	1.758	0.531	0.587	0.177	53	29	17.3	5.4	0.6	25.2	4097	1296	245	19127	1183	761	19		
MEAN	250mg/kg P	Mature Bld	2.4	6.906	2.111	2.301	0.708	104	238	110.0	5.2	1.1	56.5	7980	3600	1285	19543	1443	1712	324		
MEAN	250mg/kg P	Mature Pet	2.4	0.872	0.281	0.290	0.092	33	57	18.8	4.0	0.7	35.0	5224	2757	321	18261	709	1126	101		
MEAN	250mg/kg P	Tips	2.4	0.428	0.098	0.142	0.030	39	41	20.5	10.7	1.2	43.9	5295	2650	99	27261	4417	2666	22		
<b>MEAN</b>	<b>250mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>22.798</b>	<b>7.131</b>	<b>7.599</b>	<b>2.381</b>	<b>61</b>	<b>116</b>	<b>57.2</b>	<b>6.3</b>	<b>0.9</b>	<b>42.8</b>	<b>5782</b>	<b>2696</b>	<b>601</b>	<b>20009</b>	<b>1707</b>	<b>1524</b>	<b>128</b>		

MEAN

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																					
MEAN		Content (ug/plant)																			
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al	
MEAN	0mg/kg P	Stem	2.2	1.299	0.379	0.438	0.127	7	7	2.2	1.2	0.1	5.3	504	402	57	2399	119	176	8	
MEAN	0mg/kg P	Yng Blds	2.2	2.991	0.861	1.011	0.291	26	37	11.0	2.7	0.3	18.7	1785	1029	227	7670	484	581	63	
MEAN	0mg/kg P	Yng Pet	2.2	0.548	0.169	0.183	0.055	2	2	1.1	0.4	0.1	1.8	246	107	22	1074	44	50	2	
MEAN	0mg/kg P	Mature Bld	2.2	2.178	0.610	0.733	0.205	28	70	11.1	1.5	0.2	21.5	2151	1132	619	3852	234	421	64	
MEAN	0mg/kg P	Mature Pet	2.2	0.307	0.094	0.103	0.030	1	2	0.7	0.2	0.0	1.5	181	146	20	449	17	29	2	
MEAN	0mg/kg P	Tips	2.2	0.398	0.090	0.133	0.031	2	2	0.7	0.4	0.0	1.7	147	107	6	1001	97	92	1	
<b>MEAN</b>	<b>0mg/kg P</b>	<b>Total</b>	<b>2.2</b>	<b>7.408</b>	<b>2.113</b>	<b>2.494</b>	<b>0.710</b>	<b>65</b>	<b>119</b>	<b>26.3</b>	<b>6.2</b>	<b>0.7</b>	<b>49.3</b>	<b>4863</b>	<b>2821</b>	<b>938</b>	<b>15850</b>	<b>960</b>	<b>1309</b>	<b>139</b>	
MEAN	4mg/kg P	Stem	2.2	2.372	0.748	0.911	0.280	13	18	4.1	2.3	0.3	10.3	1065	714	82	5169	256	328	11	
MEAN	4mg/kg P	Yng Blds	2.2	5.022	1.477	1.977	0.576	52	80	19.9	5.6	0.6	35.4	3478	1989	203	15193	1024	1135	110	
MEAN	4mg/kg P	Yng Pet	2.2	0.926	0.277	0.359	0.106	4	5	2.0	1.1	0.1	3.7	476	183	32	2370	98	92	3	
MEAN	4mg/kg P	Mature Bld	2.2	3.460	1.157	1.318	0.452	72	169	26.2	3.7	0.6	50.7	4599	2344	653	10374	551	915	164	
MEAN	4mg/kg P	Mature Pet	2.2	0.468	0.142	0.184	0.055	3	5	1.3	0.5	0.1	2.6	354	219	28	977	29	69	4	
MEAN	4mg/kg P	Tips	2.2	0.344	0.080	0.134	0.030	2	3	0.8	0.5	0.0	1.6	163	105	8	958	107	87	6	
<b>MEAN</b>	<b>4mg/kg P</b>	<b>Total</b>	<b>2.2</b>	<b>12.592</b>	<b>3.883</b>	<b>4.881</b>	<b>1.502</b>	<b>145</b>	<b>281</b>	<b>54.3</b>	<b>13.8</b>	<b>1.6</b>	<b>104.4</b>	<b>10135</b>	<b>5555</b>	<b>1006</b>	<b>35040</b>	<b>2065</b>	<b>2627</b>	<b>299</b>	
MEAN	25mg/kg P	Stem	2.4	3.644	0.950	1.214	0.317	15	19	5.2	3.4	0.3	12.9	1362	874	90	6246	325	478	12	
MEAN	25mg/kg P	Yng Blds	2.4	6.362	1.769	2.120	0.590	55	70	27.2	7.2	0.6	40.3	4242	2141	234	16868	1375	1312	55	
MEAN	25mg/kg P	Yng Pet	2.4	1.786	0.366	0.595	0.171	5	7	3.5	1.7	0.1	5.4	810	352	53	4122	193	176	4	
MEAN	25mg/kg P	Mature Bld	2.4	5.520	1.682	1.840	0.566	75	188	37.2	4.8	0.8	60.2	5983	2850	759	11265	764	1181	157	
MEAN	25mg/kg P	Mature Pet	2.4	0.546	0.181	0.183	0.080	3	6	1.6	0.5	0.1	3.6	460	315	48	1257	43	79	4	
MEAN	25mg/kg P	Tips	2.4	0.271	0.052	0.091	0.155	10	10	3.7	2.3	0.2	9.2	750	526	33	5825	838	545	4	
<b>MEAN</b>	<b>25mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>18.129</b>	<b>5.000</b>	<b>6.043</b>	<b>1.878</b>	<b>163</b>	<b>300</b>	<b>78.4</b>	<b>19.9</b>	<b>2.0</b>	<b>131.6</b>	<b>13607</b>	<b>7058</b>	<b>1218</b>	<b>45582</b>	<b>3538</b>	<b>3770</b>	<b>237</b>	
MEAN	50mg/kg P	Stem	2.4	3.322	1.024	1.107	0.263	14	18	4.5	2.3	0.3	10.1	1056	722	80	5178	263	325	8	
MEAN	50mg/kg P	Yng Blds	2.4	6.284	1.872	2.095	0.459	39	51	23.9	4.3	0.5	27.9	3381	1650	210	11870	933	967	47	
MEAN	50mg/kg P	Yng Pet	2.4	1.178	0.349	0.393	0.182	5	14	3.7	1.6	0.1	8.1	891	352	64	3933	154	155	4	
MEAN	50mg/kg P	Mature Bld	2.4	4.466	1.324	1.488	0.518	68	242	48.1	4.0	0.9	65.4	5788	2863	949	11134	700	1086	152	
MEAN	50mg/kg P	Mature Pet	2.4	0.442	0.146	0.148	0.132	8	20	3.1	1.0	0.1	9.8	874	507	81	2381	73	203	8	
MEAN	50mg/kg P	Tips	2.4	0.510	0.109	0.169	0.193	13	26	4.5	3.7	0.2	13.7	1303	729	29	6668	967	634	2	
<b>MEAN</b>	<b>50mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>16.202</b>	<b>4.827</b>	<b>5.401</b>	<b>1.748</b>	<b>147</b>	<b>371</b>	<b>87.7</b>	<b>16.8</b>	<b>2.1</b>	<b>135.1</b>	<b>13293</b>	<b>6823</b>	<b>1412</b>	<b>41164</b>	<b>3090</b>	<b>3370</b>	<b>222</b>	
MEAN	100mg/kg P	Stem	2.4	4.116	1.319	1.373	0.348	15	22	5.4	2.9	0.3	11.9	1444	922	96	6886	379	422	13	
MEAN	100mg/kg P	Yng Blds	2.4	7.600	2.255	2.534	0.664	60	87	35.0	6.3	0.7	38.8	4824	2220	289	18182	1456	1376	62	
MEAN	100mg/kg P	Yng Pet	2.4	1.562	0.470	0.521	0.132	4	6	2.8	1.1	0.1	4.6	654	220	35	3025	141	111	4	
MEAN	100mg/kg P	Mature Bld	2.4	6.040	1.790	2.014	0.445	53	154	41.8	3.2	0.7	35.3	4385	2032	712	10558	685	855	112	
MEAN	100mg/kg P	Mature Pet	2.4	0.712	0.220	0.237	0.178	9	9	3.6	0.8	0.1	5.9	941	499	59	3157	104	164	8	
MEAN	100mg/kg P	Tips	2.4	0.580	0.127	0.193	0.219	11	13	6.7	2.9	0.3	12.1	1243	649	49	7009	1034	695	3	
<b>MEAN</b>	<b>100mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>20.610</b>	<b>6.180</b>	<b>6.871</b>	<b>1.983</b>	<b>153</b>	<b>290</b>	<b>95.3</b>	<b>17.3</b>	<b>2.2</b>	<b>108.5</b>	<b>13491</b>	<b>6542</b>	<b>1240</b>	<b>48816</b>	<b>3799</b>	<b>3622</b>	<b>202</b>	
MEAN	250mg/kg P	Stem	2.4	5.296	1.768	1.765	0.584	10	42	11.3	5.7	0.6	21.9	2554	1515	169	13772	1378	1062	12	
MEAN	250mg/kg P	Yng Blds	2.4	7.538	2.343	2.513	0.790	61	86	53.8	6.5	0.8	43.2	5869	2595	375	21046	1928	1554	66	
MEAN	250mg/kg P	Yng Pet	2.4	1.758	0.531	0.587	0.177	12	7	3.9	1.2	0.1	5.6	914	287	53	4219	263	166	4	
MEAN	250mg/kg P	Mature Bld	2.4	6.906	2.111	2.301	0.708	92	212	97.6	4.6	1.0	50.8	7092	3195	1124	17362	1282	1510	282	
MEAN	250mg/kg P	Mature Pet	2.4	0.872	0.281	0.290	0.092	4	7	2.2	0.5	0.1	4.2	620	326	37	2118	83	129	12	
MEAN	250mg/kg P	Tips	2.4	0.428	0.098	0.142	0.030	1	2	0.8	0.4	0.0	1.6	213	102	3	1041	167	100	1	
<b>MEAN</b>	<b>250mg/kg P</b>	<b>Total</b>	<b>2.4</b>	<b>22.798</b>	<b>7.131</b>	<b>7.599</b>	<b>2.381</b>	<b>180</b>	<b>354</b>	<b>169.6</b>	<b>18.9</b>	<b>2.7</b>	<b>127.3</b>	<b>17262</b>	<b>8020</b>	<b>1761</b>	<b>59556</b>	<b>5101</b>	<b>4522</b>	<b>377</b>	

MEAN

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																						
STANDARD ERROR			Concentration (mg/kg DM)																			
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al		
S.E.	0mg/kg P	Stem	0.25	0.833	0.285	0.275	0.094	26	10	3.8	1.0	0.4	10.4	214	547	267	2790	76	313	119		
S.E.	0mg/kg P	Yng Blds	0.25	1.841	0.587	0.604	0.194	7	28	1.5	0.6	0.3	8.7	543	305	382	2428	120	130	48		
S.E.	0mg/kg P	Yng Pet	0.25	0.378	0.136	0.126	0.044	8	21	3.6	1.3	0.8	10.9	245	159	384	3899	31	253	29		
S.E.	0mg/kg P	Mature Bld	0.25	1.399	0.429	0.460	0.142	21	31	6.4	0.7	0.4	11.2	498	188	1509	565	105	144	135		
S.E.	0mg/kg P	Mature Pet	0.25	0.100	0.050	0.035	0.015	4	25	0.5	1.7	0.1	13.8	984	551	293	100	95	186	2		
S.E.	0mg/kg P	Tips	0.25	0.215	0.055	0.072	0.019	25	38	2.2	3.2	0.6	13.9	462	920	133	3609	165	632	9		
<b>S.E.</b>	<b>0mg/kg P</b>	<b>Total</b>	<b>0.25</b>	<b>4.707</b>	<b>1.500</b>	<b>1.549</b>	<b>0.496</b>	<b>15</b>	<b>27</b>	<b>3.2</b>	<b>0.8</b>	<b>0.3</b>	<b>7.8</b>	<b>404</b>	<b>316</b>	<b>642</b>	<b>2313</b>	<b>76</b>	<b>202</b>	<b>60</b>		
S.E.	4mg/kg P	Stem	0.25	0.822	0.297	0.268	0.091	6	7	1.7	0.9	0.2	10.4	300	538	119	2899	101	194	22		
S.E.	4mg/kg P	Yng Blds	0.25	1.260	0.413	0.395	0.128	6	29	1.3	0.4	0.1	7.0	430	246	90	2461	163	110	68		
S.E.	4mg/kg P	Yng Pet	0.25	0.302	0.095	0.106	0.031	5	12	1.7	1.6	0.4	7.2	443	354	82	3029	167	128	6		
S.E.	4mg/kg P	Mature Bld	0.25	1.228	0.402	0.383	0.158	26	83	7.5	0.5	0.1	9.0	593	324	428	2109	107	91	87		
S.E.	4mg/kg P	Mature Pet	0.25	0.149	0.055	0.055	0.021	6	15	5.7	1.2	1.0	5.1	429	232	125	1779	60	201	18		
S.E.	4mg/kg P	Tips	0.25	0.095	0.024	0.021	0.005	15	16	1.0	1.4	0.4	11.5	596	344	66	2781	592	291	106		
<b>S.E.</b>	<b>4mg/kg P</b>	<b>Total</b>	<b>0.25</b>	<b>3.813</b>	<b>1.262</b>	<b>1.197</b>	<b>0.423</b>	<b>8</b>	<b>37</b>	<b>3.6</b>	<b>0.6</b>	<b>0.1</b>	<b>8.0</b>	<b>406</b>	<b>281</b>	<b>137</b>	<b>2438</b>	<b>109</b>	<b>142</b>	<b>48</b>		
S.E.	25mg/kg P	Stem	0	0.370	0.069	0.124	0.023	2	9	0.5	1.0	0.1	3.9	436	129	28	1487	70	176	4		
S.E.	25mg/kg P	Yng Blds	0	0.510	0.121	0.170	0.040	5	14	2.7	0.6	0.1	4.7	403	365	20	1442	114	142	6		
S.E.	25mg/kg P	Yng Pet	0	0.378	0.039	0.126	0.072	3	6	0.3	1.3	0.1	2.7	280	245	49	1391	66	64	4		
S.E.	25mg/kg P	Mature Bld	0	0.295	0.059	0.098	0.022	10	38	4.2	0.2	0.1	7.2	428	430	67	555	39	101	26		
S.E.	25mg/kg P	Mature Pet	0	0.044	0.014	0.015	0.028	1	13	1.1	1.2	0.1	5.5	362	497	32	1245	23	168	3		
S.E.	25mg/kg P	Tips	0	0.042	0.008	0.014	0.172	4	17	0.8	2.1	0.3	3.4	367	154	31	1839	344	171	115		
<b>S.E.</b>	<b>25mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>0.273</b>	<b>0.241</b>	<b>0.091</b>	<b>0.303</b>	<b>3</b>	<b>25</b>	<b>2.9</b>	<b>0.4</b>	<b>0.1</b>	<b>5.5</b>	<b>434</b>	<b>332</b>	<b>53</b>	<b>888</b>	<b>222</b>	<b>28</b>	<b>12</b>		
S.E.	50mg/kg P	Stem	0	0.409	0.127	0.136	0.091	6	20	0.7	1.3	0.1	5.3	397	237	34	902	83	132	4		
S.E.	50mg/kg P	Yng Blds	0	0.574	0.166	0.191	0.189	11	49	4.8	0.4	0.1	12.2	191	106	46	463	112	68	9		
S.E.	50mg/kg P	Yng Pet	0	0.061	0.021	0.021	0.082	4	18	1.2	0.8	0.2	6.5	305	79	12	830	119	78	3		
S.E.	50mg/kg P	Mature Bld	0	0.242	0.110	0.080	0.072	6	119	5.4	0.2	0.2	19.4	486	237	228	771	65	110	9		
S.E.	50mg/kg P	Mature Pet	0	0.037	0.014	0.013	0.102	9	30	0.7	0.9	0.2	10.4	532	423	110	435	45	181	5		
S.E.	50mg/kg P	Tips	0	0.196	0.038	0.065	0.204	3	21	2.2	1.6	0.6	7.1	805	216	31	660	508	171	10		
<b>S.E.</b>	<b>50mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>1.121</b>	<b>0.273</b>	<b>0.374</b>	<b>0.211</b>	<b>2</b>	<b>49</b>	<b>2.6</b>	<b>0.9</b>	<b>0.1</b>	<b>10.4</b>	<b>259</b>	<b>117</b>	<b>59</b>	<b>581</b>	<b>174</b>	<b>100</b>	<b>6</b>		
S.E.	100mg/kg P	Stem	0	0.329	0.114	0.110	0.100	5	13	0.8	0.7	0.1	2.5	202	248	11	1037	71	80	5		
S.E.	100mg/kg P	Yng Blds	0	0.504	0.121	0.169	0.127	8	31	5.2	0.7	0.1	5.2	805	377	30	1764	155	128	6		
S.E.	100mg/kg P	Yng Pet	0	0.134	0.045	0.045	0.039	5	13	1.5	1.0	0.4	4.0	116	171	25	1692	88	63	10		
S.E.	100mg/kg P	Mature Bld	0	0.606	0.222	0.203	0.177	5	77	5.5	0.7	0.2	10.0	1406	700	184	1282	130	261	24		
S.E.	100mg/kg P	Mature Pet	0	0.097	0.036	0.032	0.131	15	24	2.9	1.4	0.4	7.0	670	717	85	1488	51	96	8		
S.E.	100mg/kg P	Tips	0	0.271	0.053	0.090	0.211	11	15	2.2	1.2	0.1	3.7	282	156	39	1879	752	434	7		
<b>S.E.</b>	<b>100mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>1.250</b>	<b>0.431</b>	<b>0.418</b>	<b>0.160</b>	<b>7</b>	<b>45</b>	<b>6.0</b>	<b>0.5</b>	<b>0.1</b>	<b>5.5</b>	<b>742</b>	<b>399</b>	<b>105</b>	<b>1044</b>	<b>267</b>	<b>128</b>	<b>21</b>		
S.E.	250mg/kg P	Stem	0	0.516	0.209	0.172	0.073	10	7	3.6	2.7	0.3	5.0	402	371	76	4085	899	450	4		
S.E.	250mg/kg P	Yng Blds	0	0.277	0.147	0.092	0.041	4	25	2.8	0.6	0.1	4.8	398	139	89	1005	157	157	8		
S.E.	250mg/kg P	Yng Pet	0	0.150	0.043	0.050	0.015	41	7	1.2	0.2	0.1	2.8	277	139	52	1600	104	72	1		
S.E.	250mg/kg P	Mature Bld	0	0.524	0.159	0.175	0.051	5	71	6.4	0.4	0.1	8.7	602	177	123	1775	128	84	104		
S.E.	250mg/kg P	Mature Pet	0	0.094	0.033	0.031	0.012	2	19	1.2	0.8	0.1	6.9	662	531	45	1798	58	152	52		
S.E.	250mg/kg P	Tips	0	0.104	0.032	0.035	0.012	17	3	2.3	1.2	0.0	3.8	793	281	27	2849	265	164	6		
<b>S.E.</b>	<b>250mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>1.203</b>	<b>0.493</b>	<b>0.402</b>	<b>0.162</b>	<b>6</b>	<b>29</b>	<b>4.5</b>	<b>1.0</b>	<b>0.1</b>	<b>6.1</b>	<b>459</b>	<b>217</b>	<b>87</b>	<b>1922</b>	<b>285</b>	<b>149</b>	<b>29</b>		

S.E.

C93-4 JARRA CREEK PHOSPHORUS RATE TRIAL																													
STANDARD ERROR																													
								Content (ug/plant)																					
ACR NO	TREATMENT	PLANT PART	NO OF STEMS	FRESH WEIGHT	DRY WEIGHT	FWt (g/PLANT)	DWt (g/PLANT)	Fe	Mn	B	Cu	Ni	Zn	Ca	Mg	Na	K	P	S	Al									
S.E.	0mg/kg P	Stem	0.25	0.833	0.285	0.275	0.094	3	4	1.3	0.8	0.1	2.7	365	229	21	1498	89	92	2									
S.E.	0mg/kg P	Yng Blds	0.25	1.841	0.587	0.604	0.194	16	17	7.4	1.6	0.1	9.9	1409	617	71	4445	370	349	62									
S.E.	0mg/kg P	Yng Pet	0.25	0.378	0.136	0.126	0.044	1	1	0.8	0.3	0.0	0.9	209	77	5	669	36	27	1									
S.E.	0mg/kg P	Mature Bld	0.25	1.399	0.429	0.460	0.142	16	44	7.2	1.0	0.1	13.9	1587	771	302	2579	187	273	37									
S.E.	0mg/kg P	Mature Pet	0.25	0.100	0.050	0.035	0.015	0	0	0.3	0.2	0.0	0.2	129	94	2	225	12	7	1									
S.E.	0mg/kg P	Tips	0.25	0.215	0.055	0.072	0.019	0	0	0.4	0.2	0.0	0.5	77	28	2	503	62	37	1									
<b>S.E.</b>	<b>0mg/kg P</b>	<b>Total</b>	<b>0.25</b>	<b>4.707</b>	<b>1.500</b>	<b>1.549</b>	<b>0.496</b>	<b>36</b>	<b>68</b>	<b>17.2</b>	<b>3.9</b>	<b>0.4</b>	<b>28.5</b>	<b>3679</b>	<b>1784</b>	<b>395</b>	<b>9763</b>	<b>736</b>	<b>783</b>	<b>99</b>									
S.E.	4mg/kg P	Stem	0.25	0.822	0.297	0.268	0.091	4	6	1.1	0.6	0.1	2.8	333	167	13	1410	78	83	3									
S.E.	4mg/kg P	Yng Blds	0.25	1.260	0.413	0.395	0.128	13	26	5.0	1.3	0.1	9.6	913	430	18	3608	308	231	65									
S.E.	4mg/kg P	Yng Pet	0.25	0.302	0.095	0.106	0.031	1	2	0.6	0.4	0.0	1.4	167	65	6	902	42	28	1									
S.E.	4mg/kg P	Mature Bld	0.25	1.228	0.402	0.383	0.158	30	73	12.5	1.5	0.3	21.4	1677	876	256	4507	223	342	100									
S.E.	4mg/kg P	Mature Pet	0.25	0.149	0.055	0.055	0.021	1	2	0.5	0.2	0.0	1.2	145	87	9	432	13	29	2									
S.E.	4mg/kg P	Tips	0.25	0.095	0.024	0.021	0.005	0	1	0.1	0.1	0.0	0.3	46	10	1	81	22	11	3									
<b>S.E.</b>	<b>4mg/kg P</b>	<b>Total</b>	<b>0.25</b>	<b>3.813</b>	<b>1.262</b>	<b>1.197</b>	<b>0.423</b>	<b>47</b>	<b>108</b>	<b>19.1</b>	<b>4.0</b>	<b>0.5</b>	<b>36.4</b>	<b>3183</b>	<b>1612</b>	<b>279</b>	<b>10778</b>	<b>680</b>	<b>708</b>	<b>150</b>									
S.E.	25mg/kg P	Stem	0	0.370	0.069	0.124	0.023	1	3	0.5	0.2	0.0	1.0	165	80	15	637	43	36	2									
S.E.	25mg/kg P	Yng Blds	0	0.510	0.121	0.170	0.040	7	7	3.1	0.5	0.1	5.8	554	292	30	2094	174	176	6									
S.E.	25mg/kg P	Yng Pet	0	0.378	0.039	0.126	0.072	2	3	1.4	0.6	0.0	1.6	274	124	17	1425	90	81	2									
S.E.	25mg/kg P	Mature Bld	0	0.295	0.059	0.098	0.022	9	30	3.0	0.1	0.0	4.7	438	223	63	790	46	37	18									
S.E.	25mg/kg P	Mature Pet	0	0.044	0.014	0.015	0.028	1	2	0.5	0.1	0.0	0.8	154	118	19	388	16	27	1									
S.E.	25mg/kg P	Tips	0	0.042	0.008	0.014	0.172	11	11	4.1	2.4	0.2	10.4	810	587	36	6571	957	612	3									
<b>S.E.</b>	<b>25mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>0.273</b>	<b>0.241</b>	<b>0.091</b>	<b>0.303</b>	<b>24</b>	<b>38</b>	<b>8.8</b>	<b>2.7</b>	<b>0.1</b>	<b>9.6</b>	<b>1520</b>	<b>893</b>	<b>119</b>	<b>8593</b>	<b>1174</b>	<b>641</b>	<b>27</b>									
S.E.	50mg/kg P	Stem	0	0.409	0.127	0.136	0.091	6	5	1.6	0.6	0.1	2.8	344	236	27	1726	87	94	2									
S.E.	50mg/kg P	Yng Blds	0	0.574	0.166	0.191	0.189	17	20	10.8	1.7	0.2	10.9	1426	688	96	4990	376	405	22									
S.E.	50mg/kg P	Yng Pet	0	0.061	0.021	0.021	0.082	2	12	1.5	0.8	0.0	5.4	394	141	26	1551	52	70	2									
S.E.	50mg/kg P	Mature Bld	0	0.242	0.110	0.080	0.072	14	123	9.7	0.7	0.3	22.6	1006	508	272	1777	68	116	27									
S.E.	50mg/kg P	Mature Pet	0	0.037	0.014	0.013	0.102	7	21	2.5	0.9	0.1	9.1	656	353	55	1784	50	187	6									
S.E.	50mg/kg P	Tips	0	0.196	0.038	0.065	0.204	14	30	4.5	4.1	0.2	15.2	1368	774	27	7109	1061	684	1									
<b>S.E.</b>	<b>50mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>1.121</b>	<b>0.273</b>	<b>0.374</b>	<b>0.211</b>	<b>20</b>	<b>163</b>	<b>8.7</b>	<b>4.2</b>	<b>0.3</b>	<b>38.3</b>	<b>1651</b>	<b>867</b>	<b>272</b>	<b>6325</b>	<b>759</b>	<b>572</b>	<b>14</b>									
S.E.	100mg/kg P	Stem	0	0.329	0.114	0.110	0.100	5	9	1.6	1.0	0.1	3.7	447	275	29	2072	123	140	4									
S.E.	100mg/kg P	Yng Blds	0	0.504	0.121	0.169	0.127	14	31	8.7	1.5	0.2	9.5	1294	594	56	4126	362	310	15									
S.E.	100mg/kg P	Yng Pet	0	0.134	0.045	0.045	0.039	1	3	0.8	0.4	0.1	1.4	191	70	9	898	52	36	2									
S.E.	100mg/kg P	Mature Bld	0	0.606	0.222	0.203	0.177	20	73	16.6	1.3	0.3	13.7	1727	815	273	3985	259	314	43									
S.E.	100mg/kg P	Mature Pet	0	0.097	0.036	0.032	0.131	6	4	2.4	0.4	0.0	3.3	595	299	28	2231	67	102	4									
S.E.	100mg/kg P	Tips	0	0.271	0.053	0.090	0.211	12	11	6.8	2.9	0.3	12.3	1235	645	50	7019	1108	738	2									
<b>S.E.</b>	<b>100mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>1.250</b>	<b>0.431</b>	<b>0.418</b>	<b>0.160</b>	<b>20</b>	<b>104</b>	<b>17.2</b>	<b>1.2</b>	<b>0.3</b>	<b>11.9</b>	<b>2023</b>	<b>1001</b>	<b>286</b>	<b>2099</b>	<b>533</b>	<b>129</b>	<b>56</b>									
S.E.	250mg/kg P	Stem	0	0.516	0.209	0.172	0.073	7	11	2.9	2.1	0.2	4.2	356	228	58	3353	686	352	2									
S.E.	250mg/kg P	Yng Blds	0	0.277	0.147	0.092	0.041	3	30	2.1	0.4	0.1	3.2	497	166	69	827	111	106	8									
S.E.	250mg/kg P	Yng Pet	0	0.150	0.043	0.050	0.015	9	2	0.5	0.1	0.0	0.8	120	40	6	446	35	11	1									
S.E.	250mg/kg P	Mature Bld	0	0.524	0.159	0.175	0.051	8	67	11.1	0.6	0.1	11.6	905	345	57	2458	181	108	81									
S.E.	250mg/kg P	Mature Pet	0	0.094	0.033	0.031	0.012	1	3	0.4	0.2	0.0	1.4	161	95	6	407	18	21	6									
S.E.	250mg/kg P	Tips	0	0.104	0.032	0.035	0.012	0	1	0.4	0.2	0.0	0.7	112	47	1	453	71	41	0									
<b>S.E.</b>	<b>250mg/kg P</b>	<b>Total</b>	<b>0</b>	<b>1.203</b>	<b>0.493</b>	<b>0.402</b>	<b>0.162</b>	<b>19</b>	<b>113</b>	<b>15.1</b>	<b>3.5</b>	<b>0.4</b>	<b>21.2</b>	<b>1993</b>	<b>832</b>	<b>153</b>	<b>7212</b>	<b>1006</b>	<b>502</b>	<b>79</b>									

S.E.