

July 2009

PPM in ground wood sample

Sample ID

Ash	Ca	K	Mg	P	Al	Cu	Fe	Mn	Na	Zn	Si	
%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
#1 Alth 53.3-1	0.9	2558.2	935.6	237.9	110.1	21.9	1.7	40.5	100.5	29.9	15.4	61.9
#1 Alth 53.3-2	0.8	2359.2	965.1	226.7	104.0	15.9	1.9	31.8	88.5	29.3	14.1	49.0
#2 Alth 44.2-1	0.9	2509.6	905.4	230.3	110.1	17.4	2.7	31.8	90.6	12.9	16.2	54.1
#2 Alth 44.2-2	0.9	2699.3	914.2	235.7	110.4	15.5	1.8	29.3	97.1	38.2	15.6	48.3
#2 BoxCor 46.2-1	1.1	2495.6	1096.6	262.9	89.7	45.4	4.4	78.7	146.1	43.4	14.6	90.4
#2 BoxCor 46.2-2	0.9	2422.0	1045.2	255.2	88.2	48.4	5.7	88.6	150.5	6.2	16.0	94.2
#1 BoxCor 54.6-1	0.9	2336.0	1004.5	254.0	95.2	49.1	6.6	83.8	147.7	24.4	15.9	95.2
#1 BoxCor 54.6-2	1.1	2333.3	1037.5	252.7	94.5	50.6	1.9	110.5	136.8	30.7	12.9	104.5
#2 BoxEnergex 53.3-1	0.8	1357.1	648.9	188.5	51.6	81.9	2.2	155.5	109.5	135.6	14.1	156.9
#2 BoxEnergex 53.3-2	0.7	1487.4	683.2	198.5	53.2	69.5	2.1	145.7	106.5	169.9	13.8	144.8
#1 BoxEnergex 55.5-1	0.9	1445.4	639.1	190.0	54.3	80.8	5.9	154.2	112.2	148.8	16.3	163.5
#1 BoxEnergex 55.5-2	0.8	1581.0	641.7	188.9	58.8	73.1	8.5	148.3	114.4	110.6	19.9	163.6
STRONG1-1	0.6	1553.5	895.0	197.8	86.1	10.7	5.6	32.5	92.5	24.7	14.9	63.5
STRONG1-2	0.7	1519.1	880.8	193.8	79.3	5.7	2.5	34.9	93.1	19.0	13.7	64.0
STRONG2-1	0.4	1449.4	887.6	191.5	74.8	< 5.0	2.6	9.4	89.0	14.1	12.9	43.3
STRONG2-2	0.6	1523.4	896.4	195.7	83.1	< 5.0	2.5	29.4	95.0	18.5	13.8	57.7

July 2009

Source

Percentage of elements in ash

Ash	Ca	K	Mg	P	Al	Cu	Fe	Mn	Na	Zn	Si	
%	%	%	%	%	%	%	%	%	%	%	%	
#1 Alth 53.3-1	0.90	28.49	10.42	2.65	1.23	0.24	0.02	0.45	1.12	0.33	0.17	0.69
#1 Alth 53.3-2	0.81	29.08	11.90	2.79	1.28	0.20	0.02	0.39	1.09	0.36	0.17	0.60
#2 Alth 44.2-1	0.86	29.24	10.55	2.68	1.28	0.20	0.03	0.37	1.06	0.15	0.19	0.63
#2 Alth 44.2-2	0.87	31.00	10.50	2.71	1.27	0.18	0.02	0.34	1.12	0.44	0.18	0.56
#2 BoxCor 46.2-1	1.07	23.39	10.28	2.46	0.84	0.43	0.04	0.74	1.37	0.41	0.14	0.85
#2 BoxCor 46.2-2	0.90	26.90	11.61	2.83	0.98	0.54	0.06	0.98	1.67	0.07	0.18	1.05
#1 BoxCor 54.6-1	0.93	24.99	10.75	2.72	1.02	0.53	0.07	0.90	1.58	0.26	0.17	1.02
#1 BoxCor 54.6-2	1.06	22.04	9.80	2.39	0.89	0.48	0.02	1.04	1.29	0.29	0.12	0.99
#2 BoxEnergex 53.3-1	0.82	16.46	7.87	2.29	0.63	0.99	0.03	1.89	1.33	1.64	0.17	1.90
#2 BoxEnergex 53.3-2	0.73	20.48	9.40	2.73	0.73	0.96	0.03	2.01	1.47	2.34	0.19	1.99
#1 BoxEnergex 55.5-1	0.89	16.17	7.15	2.13	0.61	0.90	0.07	1.72	1.26	1.66	0.18	1.83
#1 BoxEnergex 55.5-2	0.82	19.39	7.87	2.32	0.72	0.90	0.10	1.82	1.40	1.36	0.24	2.01
Strong1-1	0.59	26.31	15.16	3.35	1.46	0.18	0.09	0.55	1.57	0.42	0.25	1.08
Strong1-2	0.69	21.88	12.68	2.79	1.14	0.08	0.04	0.50	1.34	0.27	0.20	0.92
Strong2-1	0.40	36.49	22.35	4.82	1.88	N/D	0.07	0.24	2.24	0.36	0.33	1.09
Strong2-2	0.59	25.64	15.09	3.29	1.40	N/D	0.04	0.49	1.60	0.31	0.23	0.97