

October 2009
PPM in ground wood sample

Source	Ash %	Ca mg/kg	K mg/kg	Mg mg/kg	P mg/kg	Al mg/kg	Cu mg/kg	Fe mg/kg	Mn mg/kg	Na mg/kg	Zn mg/kg	Si mg/kg
Athens 1	0.571	1784	715	204	87.7	58.9	1.57	114	89.8	24.9	15.0	83.4
Athens 2	0.755	1951	782	213	92.6	53.1	7.08	112	100	26.3	19.6	83.3
Athens 3	0.946	1906	778	211	93.3	49.5	1.42	98.2	106	26.9	18.3	81.8
Energex 1	0.485	1122	668	173	57.3	28.0	0.194	82.3	107	66.7	12.2	61.2
Energex 2	0.651	1180	692	172	55.5	37.6	0.977	90.7	110	44.7	13.9	65.9
Energex 3	0.394	1289	621	182	54.0	68.7	0.394	88.9	113	69.6	12.9	60.5
Corinth 1	0.566	1734	929	214	91.1	33.0	0.519	48.6	126	46.8	14.2	46.6
Corinth 2	0.767	2193	949	249	99.4	24.4	3.07	66.2	149	48.9	17.1	61.7
Corinth 3	0.765	1896	886	223	95.3	29.3	2.20	48.4	129	19.2	15.8	46.6

October 2009
Source

Percentage of elements in ash

Source	Ash %	Ca %	K %	Mg %	P %	Al %	Cu %	Fe %	Mn %	Na %	Zn %	Si %
Athens 1	0.571	31.24	12.52	3.58	1.54	1.03	0.03	2.00	1.57	0.44	0.26	1.46
Athens 2	0.755	25.82	10.35	2.82	1.23	0.70	0.09	1.48	1.32	0.35	0.26	1.10
Athens 3	0.946	20.15	8.22	2.23	0.99	0.52	0.02	1.04	1.12	0.28	0.19	0.86
Energex 1	0.485	23.12	13.76	3.56	1.18	0.58	0.00	1.69	2.20	1.37	0.25	1.26
Energex 2	0.651	18.12	10.63	2.64	0.85	0.58	0.02	1.39	1.68	0.69	0.21	1.01
Energex 3	0.394	32.67	15.74	4.62	1.37	1.74	0.01	2.25	2.85	1.77	0.33	1.53
Corinth 1	0.566	30.63	16.41	3.77	1.61	0.58	0.01	0.86	2.23	0.83	0.25	0.82
Corinth 2	0.767	28.59	12.38	3.24	1.30	0.32	0.04	0.86	1.94	0.64	0.22	0.80
Corinth 3	0.765	24.79	11.59	2.92	1.25	0.38	0.03	0.63	1.69	0.25	0.21	0.61

July-October Comparison

Source	Ash %	Ca %	K %	Mg %	P %	Al %	Cu %	Fe %	Mn %	Na %	Zn %	Si %
Athens	July	0.860	29.45	10.84	2.71	1.26	0.21	0.02	0.39	1.10	0.32	0.18
	October	0.757	25.74	10.37	2.87	1.25	0.75	0.05	1.51	1.34	0.36	0.24
Corinth	July	0.99	24.33	10.61	2.60	0.93	0.49	0.05	0.92	1.48	0.26	0.15
	October	0.699	28.00	13.46	3.31	1.38	0.43	0.03	0.78	1.95	0.57	0.23
Energex	July	0.82	18.12	8.07	2.37	0.67	0.94	0.06	1.86	1.36	1.75	0.20
	October	0.510	24.64	13.38	3.61	1.13	0.97	0.01	1.78	2.25	1.27	0.26