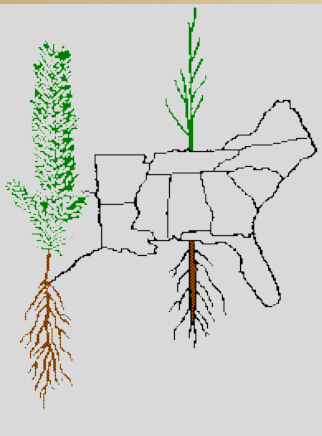


Nutrient Content of Bareroot Loblolly and Container Loblolly and Longleaf 2010



Bareroot Loblolly

July/Aug

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	2.08	0.16	0.2	1.11	0.11	0.28	0.02
Median	2.56	0.19	0.28	1.42	0.15	0.37	0.03
Maximum	3.22	0.25	0.38	1.72	0.17	0.55	0.05
Coeff Var.	11.8	10.0	15.2	12.3	13.0	17.8	32.8
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	6	44	145	112	11	81	
Median	22.5	76.5	378	270.5	16	337	
Maximum	103	98	1227	1098	20	1027	
Coeff Var.	77.0	23.4	58.7	69.3	15.5	58.6	

Bareroot Loblolly

Oct/Nov

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	1.15	0.1	0.14	0.66	0.07	0.21	0.01
Median	1.61	0.13	0.19	0.9	0.11	0.35	0.02
Maximum	2.27	0.14	0.26	1.31	0.16	0.48	0.07
Coeff var.	18.2	8.9	18.0	19.5	17.0	19.3	52.9
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	7	31	132	103	8	154	
Median	16	56	549	163	11	334	
Maximum	42	89	1362	748	36	576	
Coeff var.	48.1	30.4	53.9	77.4	51.7	35.2	

Bareroot Loblolly

Jan/Feb

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	0.61	0.07	0.07	0.31	0.06	0.25	0.01
Median	1.26	0.10	0.15	0.76	0.11	0.33	0.03
Maximum	1.38	0.15	0.21	1.19	0.15	0.59	0.06
Coeff Var.	15.5	18.1	20.2	28.5	25.3	28.2	50.1
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	6	31	135	85	6	185	
Median	13	56	486	220	14	419	
Maximum	25	115	1677	1161	52	2097	
Coeff Var.	35.3	32.9	74.1	86.4	68.2	84.8	

Container Loblolly

July/Aug

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	1.72	0.17	0.21	1.21	0.15	0.3	0.02
Median	2.07	0.19	0.28	1.51	0.18	0.34	0.05
Maximum	2.87	0.27	0.39	1.8	0.21	0.6	0.06
Coeff Var.	18.2	18.7	21.8	14.5	12.9	32.4	33.7
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	14	38	100	92	11	37	
Median	17	56	164	171	14	134	
Maximum	27	70	368	212	20	222	
Coeff Var.	29.8	19.3	50.5	28.9	27.8	49.4	

Container Loblolly

Oct/Nov

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	0.93	0.09	0.12	0.74	0.13	0.32	0.02
Median	1.35	0.12	0.17	1.05	0.15	0.45	0.04
Maximum	1.47	0.15	0.22	1.38	0.22	0.77	0.06
Coeff Var.	14.7	18.3	22.7	22.2	21.1	34.5	41.1
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	12	24	84	123	10	64	
Median	18	40	109	158	13	119	
Maximum	27	75	171	317	29	202	
Coeff Var.	31.5	41.1	30.6	38.7	49.3	43.0	

Container Loblolly

Jan/Feb

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	0.64	0.09	0.07	0.52	0.11	0.33	0.02
Median	1.03	0.11	0.13	0.90	0.15	0.39	0.05
Maximum	1.47	0.16	0.14	1.11	0.25	0.59	0.06
Coeff Var.	31.0	23.7	21.7	26.2	29.9	28.5	49.0
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	10	18	70	134	7	92	
Median	14	39	124	239	14	215	
Maximum	20	69	239	303	23	483	
Coeff Var.	24.3	41.6	41.5	27.6	37.7	55.2	

Container Longleaf

July/Aug

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	1.23	0.1	0.08	0.88	0.1	0.19	0.02
Median	1.46	0.17	0.15	1.06	0.14	0.35	0.09
Maximum	2.87	0.26	0.34	1.4	0.17	0.63	0.09
Coeff Var.	34.9	29.8	48.4	17.0	19.2	40.8	44.4
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	6	20	41	80	4	33	
Median	14	40	89	141	10	120	
Maximum	35	63	391	409	23	379	
Coeff Var.	60.7	43.6	84.0	58.6	59.0	77.3	

Container Longleaf

Oct/Nov

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	0.62	0.08	0.08	0.61	0.1	0.23	0.03
Median	1.21	0.14	0.13	1.07	0.13	0.33	0.05
Maximum	1.45	0.17	0.18	1.31	0.19	0.55	0.08
Coeff Var.	31.1	24.5	27.0	21.3	23.1	30.7	41.9
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	11	17	54	89	8	58	
Median	16	36	115	197	14	126	
Maximum	20	78	266	366	27	362	
Coeff Var.	25.1	49.3	59.2	45.7	41.8	70.6	

Container Longleaf

Jan/Feb

Nutrient	N	S	P	K	MG	CA	NA
Unit	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Minimum	0.52	0.08	0.06	0.59	0.1	0.23	0.02
Median	0.83	0.1	0.1	0.94	0.13	0.33	0.04
Maximum	1.07	0.12	0.22	1.32	0.31	0.46	0.09
Coeff Var.	21.8	15.5	46.9	30.9	47.1	29.3	53.4
Nutrient	B	ZN	MN	Fe	Cu	Al	
Unit	PPM	PPM	PPM	PPM	PPM	PPM	
Minimum	8	19	67	97	8	76	
Median	14	44	92	178	13	191	
Maximum	15	79	186	843	26	702	
Coeff Var.	19.3	45.4	39.3	107.5	43.1	93.8	