

***** MEANS BY PROVENANCE *****

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 06-01-02A
 SPECIES: Pinus oocarpa
 Guatemala, Honduras, Belize 1982
 COMPANY: Aracruz Florestal

SITE NAME: Pontal
 ELEVATION (m): 40
 LATITUDE: 19° 48' S
 LONGITUDE: 40° 17' W
 ANNUAL PRECIPITATION (mm): 1360

<u>PROVENANCE</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>	<u>MEAN DIAMETER CENTIMETERS</u>	<u>VOLUME CUBIC METERS/ha</u>
Mount Pine Ridge	19	95	3.17	4.0	2.3
Guaimaca	22	69	3.48	4.3	2.1
Control 999	17	85	2.79	3.8	1.6
El Castano	22	55	3.00	3.7	1.3
La Campa	39	57	2.85	3.6	1.2
La Lagunilla	54	59	2.97	3.4	1.0
Camotan	77	60	2.75	3.4	1.0
Tablazon	67	56	2.66	3.4	1.0
Las Crucitas	35	58	2.73	3.5	0.9
San Luis Jilotepeque	21	53	2.70	3.5	0.8

 CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil

NOTE: Tree volume with bark was calculated using a formula for
 juvenile trees: Volume(cubic meters) = .00003 D²H, where
 D = D.B.H. in centimeters and H = total height in meters.

***** MEANS BY FAMILY *****

THREE YEAR MEASUREMENT

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<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>	<u>MEAN DIAMETER CENTIMETERS</u>	<u>INDIVIDUAL TREE VOLUME CUBIC METERS</u>
170	12	60	3.45	4.5	0.00347
318	16	80	3.56	4.6	0.00266
374	11	55	3.25	3.9	0.00248
127	13	65	3.62	3.8	0.00243
141	14	70	3.14	4.2	0.00241
74	18	90	3.04	4.4	0.00227
202	19	95	3.17	4.0	0.00215
350	13	65	2.94	3.7	0.00211
89	10	50	2.98	3.4	0.00183
90	6	30	3.27	3.3	0.00182
365	12	60	2.68	3.5	0.00170
105	11	55	2.97	4.0	0.00169
*999	17	85	2.79	3.8	0.00168
381	9	45	2.76	3.5	0.00156
68	11	55	2.72	3.5	0.00155
271	14	70	2.81	3.6	0.00154
277	9	45	2.58	3.6	0.00152
85	18	90	2.83	3.6	0.00146
138	8	40	2.74	3.0	0.00141
187	10	50	2.60	3.5	0.00134
5	13	65	2.85	3.3	0.00134
182	9	45	2.60	3.5	0.00128
121	10	50	2.59	3.1	0.00125
264	12	60	2.76	3.3	0.00112
192	16	80	2.51	3.1	0.00106
109	10	50	2.41	3.0	0.00103
179	11	55	2.24	3.1	0.00099

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06-01-02A CONTINUED

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>	<u>MEAN DIAMETER CENTIMETERS</u>	<u>INDIVIDUAL TREE VOLUME CUBIC METERS</u>
199	9	45	2.56	2.8	0.00099
122	10	50	2.66	2.8	0.00089
86	12	60	2.47	3.2	0.00086
69	10	50	2.12	2.9	0.00060

**OVERALL	356	59	2.86	3.5	0.00168
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* CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil

**Overall mean does not include control lots.

NOTE: Tree volume with bark was calculated using a formula for juvenile trees: Volume(cubic meters) = .00003 D² H, where D = D.B.H. in centimeters and H = total height in meters.