

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 06-01-01A

SPECIES: Pinus oocarpa

Guatemala, Honduras, Belize 1982

COMPANY: Aracruz Florestal

SITE NAME: Sao Mateus

ELEVATION (m): 40

LATITUDE: 19° 48' S

LONGITUDE: 40° 17' W

ANNUAL PRECIPITATION (mm): 1500

<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	50	93	4.44	6.0	5.5
Control 999	43	80	3.83	5.1	4.2
Guaimaca	205	82	3.73	4.9	3.8
El Castano	365	75	3.61	5.1	3.3
Tablazon	237	85	3.58	4.7	3.2
San Luis Jilotepeque	178	85	3.43	4.7	3.2
La Campa	130	67	3.58	4.6	2.4
Camotan	227	76	3.18	4.1	2.1
La Lagunilla	73	70	3.48	4.1	1.9

-----

CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil

NOTE: Tree volume with bark was calculated using a formula for juvenile trees: Volume(cubic meters) = .00003 D<sup>2</sup>H, where D = D.B.H. in centimeters and H = total height in meters.

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 06-01-01A

SPECIES: Pinus oocarpa

Guatemala, Honduras, Belize 1982

COMPANY: Aracruz Florestal

SITE NAME: Sao Mateus

ELEVATION (m): 40

LATITUDE: 19° 48' S

LONGITUDE: 40° 17' W

ANNUAL PRECIPITATION (mm): 1500

<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>
153	47	89	4.10	6.2	0.00578
202	50	93	4.44	6.0	0.00539
96	51	94	3.81	5.9	0.00528
159	26	62	3.98	5.9	0.00510
*999	43	80	3.83	5.1	0.00476
359	50	94	3.80	5.0	0.00468
350	45	83	3.90	5.1	0.00453
164	39	80	3.73	5.2	0.00447
150	19	53	3.87	5.2	0.00445
137	31	74	3.44	4.9	0.00427
339	47	87	3.66	5.1	0.00416
330	26	67	3.80	4.9	0.00416
146	35	65	3.41	5.2	0.00398
148	46	85	3.68	5.0	0.00389
167	34	83	3.72	5.0	0.00382
172	51	96	3.49	4.9	0.00368
145	45	83	3.48	4.7	0.00351
388	29	62	3.84	4.9	0.00344
369	31	65	3.78	4.7	0.00343
152	42	78	3.62	4.8	0.00337
384	41	77	3.42	4.6	0.00330
104	38	76	3.38	4.4	0.00330
67	31	70	3.45	4.8	0.00327
134	34	68	3.77	4.6	0.00322
87	29	76	3.46	4.7	0.00306
139	32	78	3.37	4.5	0.00304
169	29	73	3.58	4.7	0.00295
333	37	73	3.46	4.5	0.00294

CONTINUED NEXT PAGE...

06-01-01A 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>
177	45	92	3.61	4.5	0.00280
155	42	78	3.23	4.6	0.00277
90	41	76	3.21	4.0	0.00269
97	49	91	3.35	4.4	0.00268
176	39	81	3.39	4.2	0.00267
386	29	62	3.34	4.3	0.00253
92	41	76	3.10	4.0	0.00239
86	44	81	3.15	3.9	0.00210
101	40	77	3.09	3.9	0.00193
162	39	72	3.23	3.7	0.00186
83	41	76	2.84	3.6	0.00182
-----					
**OVERALL	1465	78	3.55	4.7	0.00351
-----					

\* 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 D<sup>2</sup> H, where D = D.B.H. in centimeters and H = total height in meters.