

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 06-01-12A
 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>
Control 999	47	87	4.22	6.8	7.2
Guaimaca	258	96	4.17	6.3	6.9
El Castano	49	91	4.06	6.7	6.6
San Luis Jilotepeque	355	94	4.04	6.4	6.3
Las Crucitas	332	88	4.22	6.4	6.1
San Marcos de Colon	181	94	4.09	6.2	5.9
Tablazon	206	90	4.02	6.2	5.5
La Campa	112	93	3.84	5.7	4.7

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>
281	51	94	4.48	6.9	0.00784
319	54	100	4.41	7.1	0.00764
314	53	98	4.59	6.8	0.00750
*999	47	87	4.22	6.8	0.00749
102	50	93	4.33	7.0	0.00720
278	35	65	4.25	6.9	0.00714
267	54	100	4.31	6.7	0.00680
264	53	98	4.32	6.5	0.00671
94	51	94	4.22	6.5	0.00668
96	53	98	4.15	6.7	0.00667
173	40	74	4.24	6.8	0.00657
158	49	91	4.06	6.7	0.00654
182	51	94	4.22	6.7	0.00648
93	52	96	4.16	6.4	0.00608
252	50	93	4.24	6.4	0.00598
291	48	89	4.24	6.4	0.00597
350	53	98	4.19	6.1	0.00592
241	51	94	4.20	6.3	0.00584
95	49	91	3.87	6.2	0.00570
248	50	93	3.98	6.1	0.00564
345	45	83	3.24	5.5	0.00555
361	53	98	4.26	6.0	0.00553
187	51	94	4.00	6.2	0.00543
110	47	87	3.93	6.0	0.00536
256	53	98	3.93	6.0	0.00509
297	41	76	3.94	5.6	0.00476
287	50	93	3.95	5.6	0.00459

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06-01-12A 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>
169	53	98	3.89	5.6	0.00453
391	52	96	3.78	5.8	0.00439
119	53	98	3.64	5.6	0.00425
394	48	89	3.62	5.1	0.00364

**OVERALL	1493	92	4.09	6.3	0.00593
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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.