

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 06-08-06A  
 SPECIES: Pinus oocarpa  
 Guatemala, Honduras, Belize 1982  
 COMPANY: Jari Florestal

SITE NAME: Monte Dourado  
 ELEVATION (m): 50 - 100  
 LATITUDE: 0° 50' S  
 LONGITUDE: 53° W  
 ANNUAL PRECIPITATION (mm): 1981

<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	52	96	3.93	8.5	11.2
Camotan	189	75	3.47	5.2	3.6
La Lagunilla	330	83	3.07	4.9	3.4
La Campa	332	80	3.26	4.9	3.1
Control 998	39	72	3.34	4.8	2.8
El Castano	331	80	2.87	4.5	2.6
Las Crucitas	340	72	2.86	4.4	2.3
San Luis Jilotepeque	283	68	2.90	4.5	2.2
Guaimaca	289	74	3.03	4.4	2.1

CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil  
 998 = Pinus caribaea var hondurensis 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

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LONGITUDE: 53° W

ANNUAL PRECIPITATION (mm): 1981

<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>
*999	52	96	3.93	8.5	0.01049
202	51	94	3.93	6.3	0.00622
230	46	85	3.28	5.5	0.00489
105	50	93	3.08	5.6	0.00454
352	43	80	3.31	5.2	0.00431
279	45	83	3.64	5.3	0.00430
109	43	80	3.26	5.4	0.00429
112	31	86	3.12	5.4	0.00424
7	32	89	3.33	5.0	0.00416
268	43	80	3.33	4.9	0.00409
84	40	74	3.31	5.1	0.00404
284	26	72	3.51	5.4	0.00392
291	39	72	3.40	5.2	0.00381
336	37	69	2.61	4.6	0.00380
11	39	72	3.28	4.8	0.00370
116	29	81	3.24	5.2	0.00367
94	49	91	3.19	4.8	0.00362
332	41	76	3.37	4.8	0.00358
286	43	80	3.39	5.2	0.00357
97	43	80	3.10	4.9	0.00353
244	43	80	3.28	5.0	0.00349
*998	39	72	3.34	4.8	0.00346
393	44	81	3.23	5.0	0.00339
390	40	74	3.45	4.8	0.00337
74	44	81	3.07	4.9	0.00335
81	30	83	2.62	4.8	0.00335
270	50	93	3.20	5.1	0.00330
103	42	78	3.09	4.4	0.00321

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## 06-08-06A 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>
121	25	69	3.15	5.0	0.00319
131	21	58	3.41	4.9	0.00315
388	32	59	3.29	4.7	0.00305
91	40	74	2.95	4.6	0.00304
128	21	58	3.31	4.5	0.00301
375	37	69	3.47	4.7	0.00299
216	31	57	2.64	4.4	0.00294
68	42	78	2.93	4.6	0.00292
348	35	65	2.44	4.4	0.00290
220	24	67	3.00	4.8	0.00276
241	40	74	2.81	4.3	0.00267
297	48	89	2.86	4.1	0.00250
83	43	80	2.78	4.4	0.00250
380	32	59	2.70	4.1	0.00243
386	45	83	2.94	4.2	0.00237
326	38	70	2.79	3.9	0.00234
238	36	67	2.90	4.2	0.00232
371	40	74	3.17	4.4	0.00231
86	42	78	2.55	3.8	0.00225
321	37	69	2.97	3.9	0.00215
92	50	93	2.70	4.2	0.00215
250	35	65	2.81	4.1	0.00215
274	38	70	2.88	3.7	0.00202
101	43	80	2.56	3.9	0.00192
343	43	80	2.65	3.8	0.00171
345	37	69	1.97	3.6	0.00157
378	48	89	2.58	3.6	0.00147
226	28	52	2.10	3.1	0.00134
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**OVERALL	2133	76	3.05	4.7	0.00320
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\* CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil  
998 = Pinus caribaea var hondurensis 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.