

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 06-06-22A
 SPECIES: Pinus oocarpa
 Guatemala, Honduras, Belize 1982
 COMPANY: EMBRAPA/PNPF

SITE NAME: CPAC
 ELEVATION (m): 1190
 ANNUAL PRECIPITATION (mm): 1546

<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 202	54	100	5.67	7.9	13.2
Mount Pine Ridge	378	100	5.81	7.9	12.7
Control 999	53	98	4.99	7.2	9.1
El Castano	475	99	4.67	7.2	8.6
Tablazon	430	100	4.50	6.6	7.1
San Marcos de Colon	427	99	4.53	6.4	6.9
San Luis Jilotepeque	431	100	4.27	6.5	6.9
Camotan	370	99	4.39	6.5	6.8
La Lagunilla	335	100	4.54	6.1	6.3

CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil
 202 = Pinus tecunumanii Mt. Pine Ridge, Belize

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

TEST IDENTIFICATION: 06-06-22A

SPECIES: Pinus oocarpa

Guatemala, Honduras, Belize 1982

COMPANY: EMBRAPA/PNPF

SITE NAME: CPAC

ELEVATION (m): 1190

ANNUAL PRECIPITATION (mm): 1546

<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>
452	54	100	5.93	8.3	0.01254
487	54	100	5.97	8.0	0.01194
*202	54	100	5.67	7.9	0.01187
462	54	100	5.74	8.2	0.01186
461	54	100	5.96	8.0	0.01181
482	54	100	5.70	8.0	0.01172
444	54	100	5.88	7.4	0.01033
448	54	100	5.48	7.5	0.01006
102	54	100	4.97	7.8	0.00943
233	53	98	5.09	7.6	0.00915
159	54	100	5.08	7.6	0.00908
137	54	100	4.74	7.6	0.00871
*999	53	98	4.99	7.2	0.00835
140	59	98	4.61	7.4	0.00819
157	54	100	4.75	7.4	0.00812
396	54	100	4.75	7.1	0.00786
91	54	100	4.63	7.1	0.00753
146	48	100	4.31	7.3	0.00750
148	54	100	4.66	7.0	0.00746
239	54	100	4.89	6.7	0.00711
167	54	100	4.62	6.8	0.00700
104	54	100	4.61	6.5	0.00696
244	52	96	4.71	6.7	0.00691
171	53	98	4.57	6.8	0.00681
261	54	100	4.81	6.5	0.00678
173	53	98	4.45	6.7	0.00676
193	54	100	4.72	6.7	0.00668

CONTINUED NEXT PAGE...

06-06-22A 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>
3	54	100	4.74	6.6	0.00667
75	54	100	4.47	6.7	0.00662
93	53	98	4.42	6.7	0.00661
150	50	93	4.50	6.6	0.00659
155	54	100	4.44	6.7	0.00653
126	54	100	4.86	6.5	0.00651
84	54	100	4.41	6.5	0.00636
79	53	98	4.45	6.6	0.00635
177	54	100	4.60	6.5	0.00627
92	54	100	4.37	6.5	0.00605
8	54	100	4.51	6.1	0.00585
114	54	100	4.07	6.4	0.00584
110	54	100	4.17	6.3	0.00582
254	52	96	4.31	6.3	0.00581
133	53	98	4.51	6.2	0.00580
120	54	100	4.45	6.0	0.00563
101	54	100	4.04	6.4	0.00562
257	54	100	4.40	6.2	0.00552
97	54	100	4.33	6.2	0.00548
130	54	100	4.49	6.1	0.00535
88	54	100	4.03	6.2	0.00527
162	54	100	4.53	5.9	0.00525
189	54	100	4.17	6.0	0.00520
90	53	98	4.34	6.0	0.00508
185	54	100	4.08	5.9	0.00484
259	54	100	4.01	5.8	0.00466
235	54	100	4.05	5.7	0.00449
107	54	100	3.63	5.7	0.00427

**OVERALL	2846	99	4.66	6.8	0.00715
-----------	------	----	------	-----	---------

* CONTROL LOTS: 999 = Pinus oocarpa Agudos, Brasil
202 = Pinus tecunumanii Mt. Pine Ridge, Belize

**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.