

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 03-01-04B

SPECIES: Pinus tecunumanii

Mt. Pine Ridge, Belize 1981

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>
72	45	100	6.21	8.4	0.01451
68	45	100	5.97	8.6	0.01389
86	43	96	6.39	8.1	0.01370
101	43	96	5.86	8.2	0.01341
73	43	96	5.52	8.4	0.01267
51	44	98	5.84	8.2	0.01266
75	43	96	5.65	8.5	0.01265
18	44	98	5.65	8.1	0.01261
96	43	96	5.67	8.1	0.01223
61	44	98	5.95	7.9	0.01217
*202	44	100	5.54	8.2	0.01212
27	44	98	5.04	8.2	0.01160
81	44	98	5.57	7.7	0.01139
83	45	100	5.42	8.0	0.01138
26	44	98	5.43	7.7	0.01123
79	44	98	5.33	7.8	0.01120
50	43	96	5.36	7.8	0.01102
69	44	98	5.31	7.3	0.01100
54	44	98	5.70	7.5	0.01095
22	43	96	5.65	7.7	0.01093
48	43	96	5.45	7.7	0.01090
44	43	96	5.52	7.6	0.01071
91	42	93	5.65	7.5	0.01063
42	45	100	5.68	7.5	0.01061
29	41	91	5.33	7.7	0.01012
66	44	98	5.33	7.5	0.00999
85	43	96	5.50	7.3	0.00981
46	44	98	5.17	7.1	0.00924

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03-01-04B 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>
80	41	91	5.17	7.0	0.00903
52	44	98	5.15	7.2	0.00897
77	43	96	5.19	6.7	0.00797
*201	43	96	4.70	7.0	0.00797
97	44	98	5.23	6.7	0.00794
49	45	100	5.02	6.5	0.00775
55	42	93	4.79	6.8	0.00731
117	45	100	4.38	5.9	0.00554

**OVERALL	1481	97	5.47	7.6	0.01082

* CONTROL LOTS: 201 = Pinus oocarpa Chiquimula, Guatemala
 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.