

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

FIVE 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	9.69	14.4	0.06411
51	44	98	9.85	14.3	0.06232
22	42	93	10.09	14.1	0.06142
61	43	96	10.17	13.9	0.06072
86	43	96	10.00	13.8	0.06025
44	43	96	9.58	14.1	0.05928
75	43	96	9.36	14.0	0.05783
68	45	100	9.45	14.1	0.05777
91	42	93	9.63	13.9	0.05745
54	44	98	9.50	13.8	0.05730
18	44	98	9.41	13.9	0.05724
48	43	96	9.58	13.7	0.05641
73	43	96	9.13	14.0	0.05628
101	43	96	9.62	13.6	0.05624
50	43	96	9.40	13.6	0.05564
79	43	96	9.36	13.5	0.05557
*202	44	100	9.50	13.5	0.05519
83	45	100	9.22	13.5	0.05415
42	45	100	9.58	13.5	0.05407
46	44	98	9.00	13.5	0.05344
29	41	91	9.14	13.7	0.05321
96	43	96	9.31	13.4	0.05315
81	43	96	9.35	13.2	0.05260
27	44	98	9.10	12.9	0.05260
80	41	91	9.18	13.2	0.05146
66	43	96	9.35	13.3	0.05119
85	43	96	9.29	13.1	0.04989
26	44	98	8.99	12.7	0.04854

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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>
52	44	98	9.19	12.7	0.04826
69	43	96	9.21	12.3	0.04750
77	43	96	8.90	12.9	0.04677
*201	42	93	8.56	12.6	0.04381
97	44	98	8.99	12.2	0.04353
49	44	98	8.62	12.3	0.04126
55	42	93	8.23	12.4	0.04074
117	45	100	8.26	11.7	0.03694

**OVERALL	1474	96	9.31	13.4	0.05338

* 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.