

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

FIVE YEAR MEASUREMENT

TEST IDENTIFICATION: 03-11-05A
 SPECIES: Pinus tecunumanii
 Mt. Pine Ridge, Belize
 COMPANY: Weyerhaeuser

SITE NAME: Morado Nova de Minus, Brasil
 ELEVATION (m): 570
 LATITUDE: 18° 45' S
 LONGITUDE: 45° 10' W
 ANNUAL PRECIPITATION (mm): 1400

<u>FAMILY</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>	<u>MEAN DIAMETER CENTIMETERS</u>	<u>MEAN STEM STRAIGHTNESS</u>	<u>INDIVIDUAL TREE VOLUME CUBIC METERS</u>
25	98	11.57	14.8	2.7	0.08019
61	98	11.24	15.2	2.4	0.07975
91	100	11.06	15.1	2.5	0.07685
81	100	11.46	14.6	2.3	0.07573
58	94	11.05	14.8	2.5	0.07560
73	98	11.28	14.3	2.6	0.07295
56	98	10.86	14.5	2.8	0.07264
77	100	10.89	14.7	2.4	0.07246
50	94	10.79	14.6	2.7	0.07046
75	94	10.78	14.4	2.1	0.07027
85	96	10.96	14.1	2.7	0.07009
44	94	10.71	14.4	2.5	0.06962
22	98	11.26	14.0	2.5	0.06862
83	98	11.29	13.9	2.3	0.06848
72	98	10.80	13.8	2.0	0.06656
32	93	10.52	14.3	2.6	0.06625
57	96	10.78	13.8	2.4	0.06625
60	98	10.55	14.0	2.3	0.06497
43	94	10.48	13.9	2.4	0.06417
42	94	10.32	14.2	2.1	0.06395
52	96	10.48	13.9	2.7	0.06300
*202	94	10.78	13.7	2.5	0.06257
59	98	10.20	13.9	2.4	0.06224
18	98	10.58	13.5	2.4	0.06210
39	98	10.65	13.6	2.5	0.06199
68	94	10.73	13.5	2.6	0.06191
82	100	10.50	13.7	2.4	0.06189
37	96	10.37	13.8	2.5	0.06174
87	100	10.61	13.6	2.3	0.06098

CONTINUED NEXT PAGE....

03-11-05A CONTINUED

<u>FAMILY</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>	<u>MEAN DIAMETER CENTIMETERS</u>	<u>MEAN STEM STRAIGHTNESS</u>	<u>INDIVIDUAL TREE VOLUME CUBIC METERS</u>
64	94	10.52	13.5	2.6	0.06068
96	100	10.58	13.3	2.4	0.06066
31	100	10.34	13.5	2.6	0.06055
46	94	10.45	13.5	2.4	0.05986
45	96	9.85	13.8	2.6	0.05937
78	96	10.49	13.5	2.7	0.05928
49	95	10.59	13.5	2.7	0.05916
117	98	9.85	13.5	2.3	0.05691
97	96	10.52	13.1	2.0	0.05662
38	94	10.40	13.1	2.5	0.05612
69	98	9.95	12.9	2.2	0.05508
48	100	9.70	13.2	2.4	0.05466
47	94	10.19	12.6	2.4	0.05272
80	96	9.48	12.9	2.2	0.05219
66	94	9.72	12.6	2.2	0.04961
55	93	9.45	12.5	2.2	0.04846
*201	94	9.51	12.0	2.3	0.04440

**OVERALL	97	10.57	13.8	2.4	0.06398
-----------	----	-------	------	-----	---------

* 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.

