

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 04-01-02A
 SPECIES: Pinus tecunumanii
 Guatemala 1981
 COMPANY: Aracruz Florestal

SITE NAME: Pedreiras
 ELEVATION (m): 900
 ANNUAL PRECIPITATION (mm): 1800

<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	51	94	5.78	7.8	12.1
San Lorenzo	397	92	5.25	6.9	8.5
San Jeronimo	378	88	5.25	6.9	8.2
Control 200	46	85	5.15	6.8	7.2
Control 201	45	82	3.93	5.0	3.6

CONTROL LOTS: 200 = Commercial control Pinus tecunumanii
 201 = Pinus oocarpa Chiquimula, Guatemala
 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: 04-01-02A
 SPECIES: Pinus tecunumanii
 Guatemala 1981
 COMPANY: Aracruz Florestal

SITE NAME: Pedreiras
 ELEVATION (m): 900
 ANNUAL PRECIPITATION (mm): 1800

<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>
*202	51	94	5.78	7.8	0.01155
47	45	83	5.74	7.7	0.01146
1	50	93	5.62	7.4	0.01009
103	50	93	5.51	7.3	0.00960
8	50	93	5.57	7.0	0.00894
101	49	91	5.42	7.2	0.00892
4	52	96	5.40	7.0	0.00860
84	50	93	5.24	6.9	0.00851
100	49	91	5.38	7.0	0.00850
3	50	93	5.13	7.1	0.00833
19	51	94	5.19	6.8	0.00800
95	44	81	5.08	6.9	0.00795
99	47	87	5.03	6.7	0.00784
*200	46	85	5.15	6.8	0.00765
86	38	70	5.07	6.7	0.00755
44	51	94	4.75	6.5	0.00696
14	53	98	4.92	6.5	0.00683
6	46	85	4.88	6.0	0.00594
*201	45	82	3.93	5.0	0.00399

**OVERALL	775	90	5.25	6.9	0.00838

* CONTROL LOTS: 200 = Commercial Control Pinus tecunumanii
 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.