

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

FIVE YEAR MEASUREMENT

TEST IDENTIFICATION: 10-09-04A
 SPECIES: Pinus caribaea - wet
 Honduras 1983
 COMPANY: Pizano/Monterrey Florestal

SITE NAME: El Amparo
 ELEVATION (m): 100
 LATITUDE: 9° 45'N
 LONGITUDE: 74° 49'W
 ANNUAL PRECIPITATION (mm): 2300

<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>
349	6	100	6.17	13.2	0.03456
493	4	67	6.55	12.0	0.02907
359	42	78	4.90	10.5	0.02820
331	46	85	5.47	10.5	0.02236
381	42	78	5.26	10.9	0.02197
435	45	83	5.39	10.4	0.02059
327	50	93	4.75	9.7	0.02026
520	51	94	5.42	10.3	0.01994
348	38	79	4.91	9.7	0.01992
387	35	73	5.22	9.9	0.01986
513	48	89	5.34	10.3	0.01954
363	46	85	4.85	10.2	0.01941
335	47	87	4.99	10.7	0.01930
340	47	87	5.23	9.6	0.01911
356	40	74	5.54	9.6	0.01867
*78	47	87	4.88	9.6	0.01859
504	45	83	5.23	9.6	0.01799
516	45	83	4.71	9.4	0.01767
339	45	83	4.87	9.3	0.01756
*81	63	81	4.85	9.6	0.01748
366	41	76	4.78	9.5	0.01731
325	49	91	4.57	9.6	0.01719
355	44	81	5.13	8.9	0.01718
507	46	85	4.70	9.5	0.01709
378	44	81	4.70	9.4	0.01632
500	44	81	4.61	9.8	0.01631
354	40	74	4.73	8.8	0.01571
347	43	80	4.99	9.2	0.01552
352	44	81	5.02	9.1	0.01516
510	48	89	4.96	9.3	0.01514
338	47	87	4.63	8.6	0.01485
*80	64	82	4.36	8.5	0.01474

10-09-04A continued...

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353	48	89	4.50	8.3	0.01461
383	43	80	4.83	8.8	0.01431
*72	6	100	4.43	9.2	0.01359
350	40	74	4.20	8.2	0.01308
382	39	72	4.66	8.5	0.01301
360	41	76	4.29	8.1	0.01295
365	45	83	4.44	8.5	0.01281
379	45	83	4.49	8.5	0.01281
388	38	70	4.37	8.7	0.01278
337	20	48	4.72	8.5	0.01187
358	47	87	4.60	8.1	0.01170
*79	42	78	4.11	8.4	0.01156
373	43	80	4.30	7.8	0.01138
370	45	83	4.01	8.3	0.01118
390	46	85	4.22	7.9	0.00983

**Overall	1752	82	4.83	9.3	0.01673

* CONTROL LOTS 78,79,80,81 Pinus caribaea, Puerto Lempira

** OVERALL MEAN DOES NOT INCLUDE CONTROL LOT

NOTE: Tree volume with bark was calculated using a formula for
juvenile trees: Volume (m³) = .00003 D² H, where D = D.B.H.
in centimeters and H = total height in meters.

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

FIVE YEAR MEASUREMENT

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<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>
Dursuna	372	86	5.05	9.8	17.3
Guanaja	1380	80	4.76	9.2	14.6
*Control	222	82	4.56	9.0	14.3

* CONTROL LOTS: 78, 79, 80, 81 Pinus caribaea, Puerto Lempira

NOTE: Tree volume with bark was calculated using a formula for
 juvenile trees: Volume (m³) = .00003 D² H, where D = D.B.H.
 in centimeters and H = total height in meters.