

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 13-06-06B
 SPECIES: Pinus tecunumanii var ochoterenae
 Mexican Population
 COMPANY: EMBRAPA

SITE NAME: Felixlandia
 ELEVATION (m): 614
 LATITUDE: 18° 45' S
 LONGITUDE: 44° 53' W
 ANNUAL PRECIPITATION (mm): 1220

<u>PROVENANCE</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
Montebello	343	81	3.61
Control 200	44	81	3.54
Jitotol	288	89	3.45
Chempil	386	90	3.42
Control 405	52	96	3.29
Las Piedrecitas	441	90	2.89

CONTROL LOT: 200 = Commercial control Pinus tecunumanii
 405 = CAFMA

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

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<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
392	42	78	4.09
430	53	98	3.98
381	48	89	3.92
356	53	98	3.90
369	45	83	3.78
393	48	89	3.71
382	39	72	3.68
370	51	96	3.68
412	49	91	3.58
*200	44	81	3.54
375	40	74	3.53
376	45	83	3.46
427	46	85	3.45
368	44	81	3.40
362	48	89	3.38
378	48	91	3.34
*405	52	96	3.29
389	39	72	3.28
321	51	94	3.28
422	49	91	3.27
317	51	94	3.24
424	48	89	3.19
366	44	83	3.17
426	43	80	3.16
372	54	100	3.09
319	49	91	3.08
314	48	89	3.01
348	47	87	2.94
309	44	81	2.90

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13-06-06B CONTINUED

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
322	49	92	2.83
315	51	94	2.71
323	44	81	2.36
308	48	89	2.33

**OVERALL	1458	87	3.31

* CONTROL LOTS: 200 = Commercial Control Pinus tecunumanii
405 = CAFMA

**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.