

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 13-06-11D
 SPECIES: Pinus tecunumanii var ochoterenae
Guatemalan and Honduran Populations
 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>
Control 200	44	81	3.44
San Jeronimo	295	91	3.40
Control 405	48	89	3.34
Celaque	188	87	3.27
Las Trancas	238	88	3.26
San Lorenzo	325	86	2.98
San Vicente	475	88	2.98
La Soledad	148	91	2.93
KM33	45	83	2.77
KM47	86	80	2.74
Control 206	50	93	2.72

CONTROL LOT: 200 = Commercial control Pinus tecunumanii
 405 = CAFMA
 206 = Pinus oocarpa Agudos, Brasil

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: 13-06-11D

SPECIES: Pinus tecunumanii var ochoterenae
Guatemalan and Honduran Populations

COMPANY: EMBRAPA

SITE NAME: Felixlandia

ELEVATION (m): 614

LATITUDE: 18° 45' S

LONGITUDE: 44° 53' W

ANNUAL PRECIPITATION (mm): 1220

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
31	52	96	3.79
15	53	98	3.62
263	50	93	3.52
*200	44	81	3.44
210	48	89	3.39
37	51	94	3.37
252	49	91	3.37
77	46	85	3.35
*405	48	89	3.34
30	48	89	3.31
283	45	83	3.27
18	41	76	3.26
275	47	87	3.25
3	37	69	3.23
233	41	76	3.22
12	52	96	3.19
226	50	93	3.17
217	50	93	3.16
83	49	91	3.14
82	48	89	3.13
85	40	74	3.12
189	45	83	3.10
90	50	93	3.09
47	45	83	3.07
136	51	94	3.05
267	46	85	3.02
181	48	89	3.01
903	50	93	3.01

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13-06-11D CONTINUED

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
91	49	91	3.00
89	52	96	2.94
146	52	96	2.93
87	47	87	2.90
144	45	83	2.81
169	45	83	2.77
135	48	89	2.76
123	47	87	2.75
44	47	87	2.74
*206	50	93	2.72
92	48	89	2.59
72	50	93	2.58
178	38	70	2.40

**OVERALL	1800	88	3.09

* CONTROL LOTS: 200 = Commercial Control Pinus tecunumanii
 405 = CAFMA
 206 = Pinus oocarpa Agudos, Brasil

**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.