

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 05-09-01A

SPECIES: Pinus caribaea (Guatemala, Honduras 1982)

COMPANY: Pizano/Monterrey Forestal

SITE NAME: El Amparo

ELEVATION (m): 100

LATITUDE: 9°45'N

LONGITUDE: 74°49'W

ANNUAL PRECIPITATION (mm): 2300

<u>PROVENANCE</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
*Control ZAC	30	80	2.72
Los Limones	426	89	2.38
*Control PCH	42	86	2.35
Santa Cruz	474	92	2.31
Gualjoco	288	84	2.26
*Commercial Control	174	81	2.24
Poptun	828	85	2.23
El Porvenir	378	88	2.17
*Control PCB	60	82	1.92

* CONTROL LOTS: Pinus oocarpa Zacapa, Guatemala (ZAC)
Commercial Control Pinus caribaea var bahamensis (PCB)
Commercial Control Pinus caribaea var hondurensis (PCH)
Commercial Control Pinus caribaea (Families 78 79 80 81)

PROVENANCE/FAMILIES

<u>PROVENANCE</u>	<u>FAMILIES</u>																
Poptun, Guatemala	3	36	29	40	6	28	4	38	26	21	11	31	17	34	23	16	32
El Porvenir, Honduras	140	150	136	126	142	145	139										
Santa Cruz, Honduras	187	185	181	175	179	190	183	177									
Los Limones, Honduras	225	227	241	229	224	231	236	233	244								
Gualjoco, Honduras	301	292	286	281	283	294	289	278									

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 05-09-01A

SPECIES: Pinus caribaea Dry (Guatemala, Honduras 82)

COMPANY: Pizano/Monterrey Forestal

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
225	54	96	2.95
*ZAC	30	80	2.72
301	36	92	2.62
187	60	100	2.61
140	54	96	2.61
185	54	93	2.53
150	54	89	2.51
3	54	93	2.50
227	54	94	2.50
292	36	89	2.45
36	54	87	2.44
*81	48	83	2.43
241	54	80	2.42
229	54	89	2.41
29	54	93	2.40
181	54	96	2.40
286	36	89	2.40
*80	42	79	2.38
40	54	93	2.37
224	42	81	2.37
6	60	82	2.37
28	54	94	2.36
*PCH	42	86	2.35
4	54	83	2.33
175	54	100	2.29
*79	42	79	2.26
244	54	91	2.24
281	36	83	2.24
136	54	83	2.23
38	54	72	2.23
179	54	89	2.20
231	54	98	2.18
26	54	89	2.18
283	36	86	2.17
21	54	87	2.15
190	54	96	2.12

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05-09-01A THREE YEAR MEASUREMENTS CONTINUED

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
236	54	87	2.12
183	54	87	2.12
11	48	88	2.12
233	48	77	2.10
294	36	81	2.06
177	48	85	2.0
31	54	85	2.07
289	36	75	2.06
126	54	93	2.05
17	48	79	1.99
278	36	75	1.97
142	54	89	1.97
145	54	91	1.94
34	54	76	1.93
23	54	85	1.93
*PCB	60	82	1.92
*78	42	83	1.87
16	6	100	1.87
139	54	76	1.80
32	18	56	1.74

* CONTROL LOTS: (78 79 80 81) = Commercial Control Pinus caribaea
PCH = Commercial Control Pinus caribaea var hondurensis
PCB = Commercial Control Pinus caribaea var bahamesis
ZAC = Pinus oocarpa Zacapa, Guatemala

NOTE: The number of trees was included to indicate the family representation throughout the entire test.