

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 02-04-01A

SPECIES: Pinus oocarpa (Guatemala-1981)

COMPANY: CONARE

SITE NAME: Carache, Edo.

ELEVATION (m): 1200

LATITUDE: 9°28' N

LONGITUDE: 70°13' W

ANNUAL PRECIPITATION (mm): 800

<u>PROVENANCE</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
*Mt. Pine Ridge, Bel.	54	98	1.29
San Lorenzo, Gua.	162	95	1.16
La Union, Gua.	54	94	1.14
*Chiquimula, Gua.	54	96	1.04
La Lagunilla, Gua.	108	94	1.00
San Jose, Gua.	108	95	1.00
La Mina, Gua.	108	94	0.99
Tapalapa, Gua.	216	94	0.87

\*CONTROL LOTS: Pinus oocarpa Chiquimula, Guatemala  
Pinus tecunumanii Mt. Pine Ridge, Belize

PROVENANCES/FAMILIES

<u>PROVENANCE</u>	<u>FAMILIES</u>
Tapalapa, Gua.	58 59 60 62
San Lorenzo, Gua.	54 55 56
San Jose, Gua.	34 38
La Mina, Gua.	29 31
La Lagunilla, Gua.	5 9
La Union, Gua.	441

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 02-04-01A

SPECIES: Pinus oocarpa (Guatemala-1981)

COMPANY: CONARE

<u>FAMILY</u>	<u>NUMBER OF TREES</u>	<u>PERCENT SURVIVAL</u>	<u>MEAN HEIGHT METERS</u>
55	54	98	1.23
*202	54	98	1.29
29	54	91	1.06
56	54	94	1.05
31	54	96	0.93
54	54	93	1.19
60	54	96	0.86
58	54	93	0.72
441	54	94	1.14
9	54	93	0.99
62	54	91	1.01
5	54	94	1.02
34	54	94	0.96
59	54	98	0.89
38	54	96	1.03
*201	54	96	1.04

\* CONTROL LOTS: 201=Pinus oocarpa Chiquimula, Guatemala  
202=Pinus tecunumanii Mt. Pine Ridge, Belize

\*\* Tree volume with bark was calculated using a formula for juvenile trees: Volume(cubic meters) = .00003 D<sup>2</sup> H, where D = D.B.H. in centimeters and H = total height in meters.

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