

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 15-02-02C

SPECIES: Pinus maximinoi

COMPANY: Carton de Colombia

SITE NAME: Finca San Jose, Cauca

ELEVATION (m): 1750

LATITUDE: 2°36'N

LONGITUDE: 76° 34'W

ANNUAL PRECIPITATION (mm): 2058

<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>
50	52	96	6.97	8.1	0.01458
57	54	100	6.56	8.2	0.01362
72	52	96	6.90	7.9	0.01357
162	51	94	6.75	7.9	0.01339
39	53	98	6.47	8.0	0.01311
38	52	96	6.53	7.9	0.01281
89	54	100	6.21	8.1	0.01280
16	59	98	6.70	7.8	0.01277
77	53	98	6.63	7.7	0.01254
47	50	93	6.59	7.8	0.01247
152	54	100	6.41	7.8	0.01230
25	49	91	6.13	8.0	0.01229
53	50	93	6.48	7.7	0.01222
75	50	93	6.16	7.7	0.01178
45	51	93	6.20	7.7	0.01172
64	53	98	6.64	7.4	0.01171
1	52	96	6.22	7.8	0.01171
67	51	94	6.16	7.7	0.01150
78	53	98	6.09	7.6	0.01142
165	54	100	6.28	7.6	0.01137
35	51	94	6.29	7.4	0.01125
17	52	96	5.99	7.8	0.01124
27	55	100	6.21	7.4	0.01121
19	51	94	6.21	7.5	0.01117
163	50	93	6.17	7.5	0.01106
43	49	91	6.24	7.3	0.01091
150	53	98	6.38	7.2	0.01087
154	46	85	6.30	7.4	0.01086
60	52	96	6.45	7.2	0.01085
85	51	94	6.27	7.3	0.01078
146	50	93	6.17	7.4	0.01071

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15-02-02C CONTINUED....

<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>
15	52	96	6.34	7.2	0.01043
92	51	94	5.88	7.4	0.01033
134	53	98	5.82	7.5	0.01023
91	52	96	6.11	7.2	0.01023
26	54	100	5.99	7.4	0.01014
126	48	89	5.95	7.2	0.00993
51	52	96	5.77	7.4	0.00981
136	50	93	5.84	7.1	0.00968
23	52	96	5.73	7.2	0.00955
113	51	94	5.87	7.1	0.00947
29	49	91	5.44	7.4	0.00945
112	51	94	5.55	7.1	0.00938
40	51	94	5.68	7.1	0.00929
161	50	93	5.84	7.1	0.00929
49	50	93	5.69	7.1	0.00924
54	50	93	5.60	6.8	0.00900
20	53	98	5.75	7.1	0.00899
62	53	98	5.75	7.0	0.00894
142	50	93	5.71	6.7	0.00872
12	52	96	5.57	6.9	0.00859
*999	52	96	5.12	7.2	0.00853
158	54	100	5.61	6.7	0.00810
121	46	85	5.68	6.5	0.00794
110	54	100	5.37	6.7	0.00794
*997	52	96	4.70	7.2	0.00765
*998	53	98	5.00	6.5	0.00732
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**OVERALL	2785	95	6.12	7.4	0.01085
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\* CONTROL LOT: 997 = Pinus kesiya, Rodhesia  
998 = Pinus oocarpa, Guatemala  
999 = Pinus patula, South Africa

\*\* OVERALL MEAN DOES NOT INCLUDE CONTROL LOT

NOTE: Tree volume with bark was calculated using a formula for  
juvenile trees: Volume (m<sup>3</sup>) = .00003 D<sup>2</sup> H, where D = D.B.H.  
in centimeters and H = total height in meters.

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 15-02-02C  
 SPECIES: Pinus maximinoi  
 COMPANY: Carton de Colombia

SITE NAME: Finca San Jose, Cauca  
 ELEVATION (m): 1750  
 LATITUDE: 2°36'N  
 LONGITUDE: 76°34'W  
 ANNUAL PRECIPITATION (mm): 2058

<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>
San Jeronimo, Gua.	470	97	6.31	7.6	12.5
San Juan Sacat.	717	95	6.25	7.6	12.1
Coban	687	96	6.03	7.4	11.3
Tatumbula	615	95	6.11	7.3	11.1
Marcala	296	93	5.72	7.0	9.6
Control 999	52	96	5.12	7.2	9.1
Control 997	52	96	4.70	7.2	8.2
Control 998	53	98	5.00	6.5	8.0

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