

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

THREE YEAR MEASUREMENT

TEST IDENTIFICATION: 15-02-03A

SPECIES: Pinus maximinoi

COMPANY: Carton de Colombia

SITE NAME: La Paz, Cauca

ELEVATION (m): 1750

LATITUDE: 2°31'N

LONGITUDE: 76° 37'W

ANNUAL PRECIPITATION (mm): 2112

<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>
271	45	94	5.65	7.5	0.01079
256	48	89	5.69	7.2	0.00980
254	52	96	5.57	7.3	0.00977
225	49	91	5.58	7.2	0.00958
279	51	94	5.64	6.9	0.00912
274	47	87	5.46	6.9	0.00884
212	48	89	5.40	6.8	0.00862
282	47	87	5.35	6.9	0.00861
207	52	96	5.19	6.7	0.00853
197	49	91	5.06	6.9	0.00845
285	50	93	5.59	6.7	0.00838
187	48	89	5.57	6.8	0.00829
184	51	94	5.30	6.6	0.00829
177	52	96	5.50	6.6	0.00828
176	47	87	5.39	6.7	0.00820
173	47	87	5.60	6.5	0.00796
192	53	98	5.39	6.6	0.00793
268	50	93	4.90	6.8	0.00788
235	45	83	5.04	6.4	0.00778
276	49	91	5.08	6.8	0.00773
263	50	93	4.96	6.7	0.00761
218	50	93	5.25	6.2	0.00757
189	52	96	5.34	6.6	0.00755
219	45	83	5.14	6.4	0.00750
246	42	78	5.04	6.4	0.00749
266	53	98	5.19	6.5	0.00747
*997	53	98	4.50	7.1	0.00739
258	53	98	4.96	6.8	0.00736
182	50	93	5.36	6.4	0.00735
210	47	87	5.12	6.2	0.00710
199	51	94	5.45	6.1	0.00709

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15-02-03A 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>
195	48	89	4.90	6.3	0.00683
180	50	93	4.84	6.4	0.00680
244	49	91	4.97	6.1	0.00679
240	51	94	4.96	5.7	0.00660
178	51	94	4.80	6.2	0.00655
191	51	94	4.93	6.2	0.00655
234	46	85	4.81	6.4	0.00636
241	56	93	4.66	5.9	0.00636
245	51	94	4.79	6.0	0.00622
229	52	96	4.71	6.0	0.00620
247	48	89	4.61	5.9	0.00597
208	53	98	4.75	5.9	0.00594
203	49	91	4.76	5.9	0.00577
239	47	87	4.80	5.7	0.00575
223	49	91	4.77	5.8	0.00572
269	52	96	4.75	5.8	0.00560
220	52	96	4.76	5.6	0.00551
205	51	94	4.44	6.0	0.00547
*999	52	96	4.47	5.8	0.00544
213	46	85	4.73	5.5	0.00535
233	51	94	4.47	5.7	0.00505
*998	43	80	4.24	5.5	0.00493
215	48	89	4.23	5.3	0.00445
248	44	81	4.30	5.0	0.00403
216	49	91	4.11	4.7	0.00378
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**OVERALL	2617	91	5.05	6.3	0.00718
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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: 15-02-03A  
 SPECIES: Pinus maximinoi  
 COMPANY: Carton de Colombia

SITE NAME: La Paz, Cauca  
 ELEVATION (m): 1750  
 LATITUDE: 2°31'N  
 LONGITUDE: 76°37'W  
 ANNUAL PRECIPITATION (mm): 2112

<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>
Altamirano	653	93	5.28	6.8	8.6
Cotrol 997	53	98	4.50	7.1	8.1
Coapilla	800	93	5.16	6.4	7.5
Monte Cristo	640	91	4.90	6.0	6.7
Cienaga de Leon	524	88	4.76	5.9	6.1
Control 999	52	96	4.47	5.8	5.8
Control 998	43	80	4.24	5.5	4.4

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 juvenile trees:  $\text{Volume (m}^3\text{)} = .00003 D^2 H$ , where D = D.B.H.  
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