

C A M C O R E
ONE YEAR MEASUREMENTS

TEST IDENTIFICATION: 26-03-01A
SPECIES: Schizolobium parahybum
COMPANY: Cartón de Venezuela
SITE NAME: El Hierro
LATITUDE: 9° 10' N
LONGITUDE: 69° 20' W
ELEVATION: 150 m
ANNUAL PRECIPITATION: 1123 - 1601 mm

DATE PLANTED: July 1987
DATE MEASURED: July 1988

ANALYSIS OF VARIANCE

- DEPENDENT VARIABLE: One Year Height (meters)

<u>SOURCE</u>	<u>DF</u>	<u>SUM OF SQUARES</u>	<u>F VALUE</u>
REP	8	52.86561071	2.86 *
PROV	4	48.16853191	5.21 **
REP*PROV	32	73.96425319	2.45 **
FAM(PROV)	31	56.18436437	1.92 **
REP*FAM(PROV)	248	233.97371278	2.04 **
ERROR	1447	670.70416667	
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CORRECTED TOTAL	1770	1219.03046866	

ns: Not significant

* Significant at $p < .05$
** Significant at $p < .01$

TEST MEAN	C.V. (%)
3.12 m	21.85

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

WALLER-DUNCAN MULTIPLE COMPARISONS FOR FIVE YEAR PROVENANCE VOLUME

MEANS WITH THE SAME LETTER ARE NOT SIGNIFICANTLY DIFFERENT.

<u>Waller</u>	<u>Grouping</u>	<u>Mean</u>	<u>N</u>	<u>Provenance</u>	
	A	3.26	199	Morales	(4)
	A				
B	A	3.19	773	Santa Cruz	(1)
B	A				
B	A	3.13	600	Rio Dulce	(2)
B					
B	C	2.77	24	*Minas Gerais	(A)
	C				
	C	2.61	175	Guatalon	(3)

Provenance code: 1 = Santa Cruz, Honduras
 2 = Rio Dulce, Guatemala
 3 = Guatalon, Guatemala
 4 = Morales, Guatemala

* Control Lot: A = Eucalyptus grandis, Minas Gerais, Brazil

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

<u>Family</u>	<u>Provenance</u>	<u># Trees</u>	<u>% Survival</u>	<u>Mean Height (m)</u>	<u>C.V. (%)</u>
49	4	52	96.30	3.48	22.64
48	4	51	94.44	3.48	25.71
9	1	48	88.89	3.44	25.04
11	1	54	100.00	3.41	21.91
13	1	52	96.30	3.40	24.76
10	1	51	94.44	3.38	23.28
12	1	50	92.59	3.34	19.83
29	2	53	98.15	3.32	21.60
4	1	50	92.59	3.30	21.15
50	4	51	94.44	3.30	29.03
6	1	52	96.30	3.24	23.32
45	2	51	94.44	3.23	23.81
41	2	52	96.30	3.22	23.33
15	1	47	87.04	3.22	26.88
16	1	53	98.15	3.22	28.04
19	1	54	100.00	3.21	22.44
37	2	51	94.44	3.20	25.42
3	1	52	96.30	3.17	25.62
46	2	53	98.15	3.16	30.69
32	2	54	100.00	3.15	19.94
35	2	50	92.59	3.13	24.59
22	2	46	85.19	3.11	26.64
38 -	2	52	96.30	3.05	27.80
8	1	53	98.15	3.04	22.43
44	2	41	75.93	3.03	26.86
31	2	46	85.19	2.98	26.98
23	2	51	94.44	2.96	30.45
2	1	52	96.30	2.91	25.97
17	1	53	98.15	2.85	22.67
14	1	52	96.30	2.78	27.97
A	*	24	48.15	2.77	29.08
56	3	43	79.63	2.76	21.56
47	4	45	83.33	2.70	35.30
53	3	47	87.04	2.60	32.48
54	3	43	79.63	2.57	33.23
55	3	42	77.78	2.51	29.66
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OVERALL		1747	92.43	3.12	26.58

The overall means do not include control lots.