

# C A M C O R E

## TWO 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

## ANALYSIS OF VARIANCE

- DEPENDENT VARIABLE: Two Year Height (meters)

<u>SOURCE</u>	<u>DF</u>	<u>SUM OF SQUARES</u>	<u>F VALUE</u>
REP	8	158.38294252	0.89 ns
PROV	4	896.06068323	10.12 **
REP*PROV	32	708.25685927	4.38 **
FAM(PROV)	31	264.74217079	1.69 *
REP*FAM(PROV)	248	1253.90037932	1.69 **
ERROR	1442	4312.64800000	
CORRECTED TOTAL	1765	8341.24399208	

ns: Not significant

\* Significant at  $p < .05$

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

TEST MEAN  
13.55 m

C.V. (%)  
12.77

## \*\*\*\*\* 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	14.03	772	Santa Cruz	(1)
	A				
B	A	13.54	600	Rio Dulce	(2)
B	A				
B	A	13.41	197	Morales	(4)
B					
B		12.27	175	Guatalon	(3)
	C	8.07	22	*Minas Gerais	

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>
11	1	54	100.00	14.66	9.87
9	1	49	90.74	14.53	11.86
12	1	50	92.59	14.46	11.41
10	1	51	94.44	14.31	9.80
16	1	52	96.30	14.22	10.91
13	1	52	96.30	14.21	15.02
29	2	53	98.15	14.15	10.85
15	1	47	87.04	14.09	12.46
3	1	52	96.30	14.07	12.73
4	1	50	92.59	13.96	11.70
2	1	52	96.30	13.92	11.62
19	1	54	100.00	13.92	10.31
48	4	51	94.44	13.91	14.30
6	1	52	96.30	13.87	12.24
45	2	51	94.44	13.85	13.13
35	2	50	92.59	13.75	14.59
37	2	51	94.44	13.74	15.08
41	2	52	96.30	13.72	17.57
8	1	53	98.15	13.69	13.70
49	4	50	92.59	13.62	13.75
32	2	54	100.00	13.61	13.23
17	1	52	96.30	13.56	14.16
46	2	53	98.15	13.52	14.84
50-	4	51	94.44	13.40	17.79
22	2	46	85.19	13.38	15.05
44	2	41	75.93	13.33	13.14
38	2	52	96.30	13.16	15.40
23	2	51	94.44	13.11	17.83
31	2	46	85.19	13.07	15.42
14	1	52	96.30	12.98	18.12
54	3	43	79.63	12.91	17.14
47	4	45	83.33	12.62	24.79
56	3	43	79.63	12.52	14.42
53	3	47	87.04	12.44	21.03
55	3	42	77.78	11.19	26.85
A	*	22	40.74	8.07	31.28

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OVERALL		1744	92.28	13.61	15.28
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The overall means do not include control lots.