

**CA UPLAND "LARGE SCALE" VARIETY TRIALS - 2001**

Table 2. Lint quality characteristics of 2 Acala varieties and 12 CA Upland varieties in **UCCE Farm Advisor "CA Upland Large-Scale" variety trials in 2001**. Values shown are averages calculated across 5 locations (Kings Co., Kern Co., Fresno Co., Madera Co. and Merced Co.). All analyses were run on seedcotton collected during bulk field harvest with commercial spindle pickers in each of 3-4 field replications at each field site. 6 pound samples were then run through the Shafter REC research gin, and HVI analyses of lint samples were run at the USDA classing office in Visalia, CA.

Seed Company or Breeder	Variety	Micro-naire	Length (in.)	Strength (g/T)	Unif. Index	Manual Classing Leaf Grade	HVI Trash	Color RD	Color + B
CPCSD	Maxxa	4.21	1.14	33.7	83.0	2.6	2.3	81.3	8.69
Phytogen	Phy-72	4.23	1.17	33.1	82.7	2.2	2.1	80.4	9.06
<b>Average (Acalas only)</b>		<b>4.22</b>	<b>1.16</b>	<b>33.4</b>	<b>82.9</b>	<b>2.4</b>	<b>2.2</b>	<b>80.9</b>	<b>8.88</b>
Stoneville	BXN-47	4.13	1.09	28.4	81.7	2.3	2.0	80.5	9.27
Stoneville	ST-4793 RR	4.16	1.06	27.9	81.5	2.9	2.7	80.5	9.17
Stoneville	ST-4892 BR	4.17	1.06	28.5	81.7	2.9	3.0	80.5	9.11
Pure Genetics	PG-SMX-11	4.20	1.10	30.0	82.8	2.1	1.9	81.3	8.68
Germaines	GC-377	4.26	1.13	30.0	81.8	2.0	1.7	82.5	8.32
Buttonwillow Research Co.	BR-9801	4.32	1.13	31.4	82.7	2.9	2.9	81.1	8.49
Aventis-Fibermax	FM-989	3.88	1.13	31.3	81.9	2.1	2.1	82.6	8.37
Aventis-Fibermax	FM-958	4.11	1.12	31.0	81.5	2.1	2.1	83.3	8.06
Aventis-Fibermax	FM-966	4.02	1.12	32.7	82.3	2.0	1.6	83.3	8.05
Delta and Pine Land Co.	DP-5415 RR	4.27	1.12	29.8	82.0	1.8	1.5	83.2	8.04
Delta and Pine Land Co.	DP-448 B	4.00	1.12	28.8	81.4	1.8	1.4	83.1	8.28
Delta and Pine Land Co.	DP-5690 RR	4.07	1.12	31.5	81.6	1.9	1.9	82.7	8.35
<b>Average (CA Uplands only)</b>		<b>4.13</b>	<b>1.11</b>	<b>30.1</b>	<b>81.9</b>	<b>2.2</b>	<b>2.1</b>	<b>82.1</b>	<b>8.52</b>
LSD (0.05)		0.17	0.01	0.9	0.6	0.3	0.5	0.5	0.1
C.V. (%)		5.5	1.7	4.0	0.9	16.6	34.3	0.7	2.2
P		0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Variety X location interaction	LSD 0.05	0.39	0.03	1.7	NS	NS	NS	NS	NS
	LSD 0.10								
	C.V. (%)	5.8	1.8	4.2	1.1	18.8	30.3	0.9	2.7
P		0.000	0.034	0.080	0.739	0.954	0.241	0.655	0.121

\* NS = not significant: LSD indicates that values separated by the amount shown (or more) are significantly different: C.V. (%) indicates amount of variation in data (higher number = more variable data); P value is indicator of probability of statistical differences.