

Table 4. **CALIFORNIA UPLANDS ADVANCED STRAINS (Farm Advisors & Specialist Trials) – 2001.** Lint yields (in lbs/acre) by test location and average gin turnout for each variety in *2001 California Upland Advanced Strains Variety Trial* (2 locations with 2 Acala varieties [Maxxa and Phytogen-72] and 16 California Upland varieties). (UCCE Cooperators: Bob Hutmacher, Bill Weir, Ron Vargas, Bruce Roberts, Steve Wright, Dan Munk, Brian Marsh, Mark Keeley, Raul Delgado in fields at the West Side and Shafter Research & Extension Centers).

Seed Company or Seed Supplier **	Variety Name or Number	40" rows Shafter REC (Kern County)		40" rows West Side REC (Fresno County)		Average Lint Yields Across 2 Locations		Average Gin Turnout Across Two locations (%)
		Lint Yields		Lint Yields		(lbs lint per acre)	(as % of Maxxa Yield)	
		(lbs lint per acre)	(as % of Maxxa Yield)	(lbs lint per acre)	(as % of Maxxa Yield)			
CPCSD	Maxxa	1581	100	1903	100	1742	100	35.7
Phytogen	Phy-72	1878	119	2147	113	2013	116	34.3
Delta Pine and Land Company	Suregrow SG-96	1675	106	2034	107	1855	106	33.9
Stoneville Seed Company	STX-9905	1660	105	2235	117	1948	111	34.7
Pure Genetics Seed Company	PG-092	1760	111	2013	106	1887	109	32.9
Delta Pine and Land Company	DP-565	1848	117	2129	112	1989	114	35.0
Stoneville Seed Company	ST-580	1783	113	2068	109	1926	111	33.8
New Mexico State Univ. / Phytogen	Acala 1517-99	1534	97	1803	95	1669	96	32.0
CPCSD	M-515	1733	110	2033	107	1883	108	35.7
CPCSD	M-657	1820	115	2031	107	1926	111	35.3
CPCSD	M-539	1776	112	1877	99	1827	106	35.3
CPCSD	M-557	1624	103	1888	99	1756	101	35.4
Olvey and Associates	OA-83	1762	111	2154	113	1958	112	34.9
Olvey and Associates	OA-84	1451	92	1890	99	1671	96	34.2
Olvey and Associates	OA-85	1994	126	2242	118	2118	122	37.7
Olvey and Associates	OA-86	1842	117	2155	113	1999	115	35.2
Delta Pine and Land Company	DP-491	1536	97	2017	106	1777	102	36.5
Delta Pine and Land Company	DP-655 BR	1404	89	1889	99	1647	94	33.2
Average		1703	107.7	2028	106.6	1866	107.1	34.7
LSD 0.05		187		153		119		0.6
C.V. (%)		7.7		5.3		6.4		1.7
P (probability)		0.000		0.000		0.000		0.000

VARIETY by LOCATION interaction (for yields): (LSD 0.05 = NS; C.V. (%) = 6.9; P = 0.114

VARIETY by LOCATION interactions (for turnout): (LSD 0.05 = NS; C.V. (%) = 2.5, P = 0.181