

Table 31. Results of the irrigated new varieties and strains cotton variety test at the Texas Agricultural Experiment Station, Pecos, TX, 2003.

Designation	Yield	Agronomic Properties							% Open Bolls 10-7-03	Storm Resistance
		% Turnout		% Lint	Boll	Seed	Lint	Seed Per		
		Lint	Seed	Picked	Size	Index	Index	Boll		
Hazera Seed HA 14-05	1460	26.2	43.5	37.0	4.2	10.8	6.7	23.1	43	2.1
Hazera Seed HA 72-05	1355	26.4	43.4	37.4	3.9	10.9	6.7	21.6	41	2.2
Syngenta NX 24722	1324	29.0	40.9	42.3	4.3	8.9	6.8	26.8	67	2.3
Stoneville 474	1268	28.3	41.7	43.3	4.5	9.8	7.8	25.3	53	2.5
Syngenta NX 24101	1239	27.9	44.0	38.6	4.2	8.6	5.6	28.8	68	2.5
Hazera Seed HA 14-66	1216	23.1	44.2	34.4	3.8	12.1	6.6	19.4	44	2.3
Hazera Seed HA 34-05	1174	25.1	41.9	38.1	4.6	12.7	8.0	21.8	48	2.1
FiberMax 958	1115	29.4	42.6	42.2	4.7	10.0	7.6	25.9	45	2.8
Hazera Seed HA 72-66	1098	22.0	45.2	33.8	3.6	12.1	6.4	19.0	46	2.1
Hazera Seed HA 278-08	1022	22.2	44.0	35.6	3.5	11.7	6.7	18.3	50	2.1
Paymaster 145	1018	30.1	45.4	37.9	4.5	10.4	6.6	25.5	70	2.8
Hazera Seed HA 175-142	985	20.4	40.5	34.4	3.6	11.6	6.3	19.5	54	2.2
Hazera Seed HA 6-1004	958	19.3	43.3	32.5	3.5	12.8	6.5	17.2	43	2.1
Stoneville X9904	948	28.2	41.6	40.9	4.6	9.5	6.9	27.0	69	2.5
All-Tex Atlas	946	25.9	44.5	36.1	4.6	10.8	6.3	26.3	73	2.5
Hazera Seed HA 14-1004	900	19.3	43.5	34.5	3.5	11.9	6.5	18.7	48	2.0
Hazera Seed HA 34-1004	847	20.8	44.2	34.4	4.2	14.5	7.9	18.3	36	2.1
Mean	1110	24.9	42.9	37.5	4.1	11.0	6.8	22.8	51	2.3
C.V.%	9.5	4.0	3.6	3.6	4.8	4.0	4.2	6.0	27.5	9.4
LSD 0.05	126	1.7	2.7	2.4	0.3	0.8	0.5	2.3	17	0.3

Boll Samples were picked not snapped

Table 31A. Results of the irrigated new varieties and strains cotton variety test at the Texas Agricultural Experiment Station, Pecos, TX, 2003.

Designation	Micro- naire	Length	Uni- formity	Strength	Elon- gation	Leaf		Color Grade ^{1/}	Loan Value	Gross Loan Value per Acre		
						Rd	+b			\$	Rank	
Hazera Seed HA 14-05	4.3	1.26	81.4	36.8	7.2	3	66.0	9.8	42-2,52-2	0.4995	729.27	1
Hazera Seed HA 72-05	4.8	1.26	82.1	34.7	6.0	4	59.0	9.1	62-1,63-2	0.4498	609.48	7
Syngenta NX 24722	5.0	1.07	82.2	30.4	5.3	1	76.7	8.2	31-1,31-2	0.5130	679.21	2
Stoneville 474	5.4	1.09	81.3	28.1	5.3	1	73.4	8.8	31-4,41-3	0.4915	623.22	4
Syngenta NX 24101	5.0	1.07	82.2	29.9	5.5	3	72.4	8.1	41-2,41-4	0.5135	636.23	3
Hazera Seed HA 14-66	3.2	1.38	82.9	31.6	6.8	2	72.5	10.4	32-1,32-2	0.5100	620.16	6
Hazera Seed HA 34-05	3.6	1.28	82.5	36.4	6.6	3	64.5	10.1	43-2,53-2	0.4615	541.80	9
FiberMax 958	4.7	1.13	82.3	30.3	3.6	1	77.9	8.2	31-1	0.5565	620.50	5
Hazera Seed HA 72-66	3.5	1.37	83.3	33.6	6.2	2	71.3	9.7	42-1	0.5060	555.59	8
Hazera Seed HA 278-08	3.4	1.36	84.0	36.8	5.8	3	70.6	9.6	32-2,42-2	0.5095	520.71	10
Paymaster 145	5.1	1.02	81.6	27.4	5.0	3	72.3	7.9	41-2,41-3	0.4545	462.68	15
Hazera Seed HA 175-142	3.6	1.26	82.8	37.0	5.1	4	66.2	8.8	52-1,52-2	0.4813	474.08	12
Hazera Seed HA 6-1004	3.5	1.35	81.9	35.7	5.5	2	71.6	10.3	32-1,42-1	0.5175	495.76	11
Stoneville X9904	5.0	1.03	81.8	28.0	5.7	1	75.5	8.1	31-2,41-1	0.4645	440.35	16
All-Tex Atlas	5.0	1.05	82.3	29.3	5.6	1	74.7	8.4	31-4,41-3	0.4993	472.34	13
Hazera Seed HA 14-1004	3.7	1.38	84.1	36.2	6.1	2	70.8	9.8	42-1	0.5175	465.75	14
Hazera Seed HA 34-1004	3.3	1.35	83.3	37.0	5.9	2	71.4	10.5	32-1,42-1	0.4993	422.91	17
Mean	4.2	1.21	82.4	32.8	5.6	2	71.4	9.1		0.5000		
C.V.%	2.8	1.8	1.2	2.7	5.9	27.4	1.8	4.1		3.2		
LSD 0.05	0.2	0.04	1.8	1.5	0.6	1	2.2	0.7		0.0275		

^{1/} Fiber quality determinations are made on samples from two reps. If the color grades from these two samples are identical, only one color grade is reported. If they are different, both are reported.