

Appendix A Three years pooled means of fiber quality traits across the 110 *Gossypium hirsutum* accessions evaluated from 2013 to 2015

Accession	Identifier code	Origin	Fiber length	Fiber strength	Micronaire	Fiber uniformity index	Fiber elongation
Latifolium15	TX-36	-	25.67	23.15	4.32	82.53	5.30
Latifolium53	TX-85	-	26.12	27.75	5.35	83.53	4.17
Latifolium54	TX-86	-	27.64	25.61	5.15	82.57	4.93
Latifolium58	TX-90	-	26.94	24.79	5.60	84.93	5.00
Latifolium60	TX-93	Guatemala	22.45	23.67	4.82	78.83	5.33
Latifolium61	TX-95	Guatemala	23.79	21.54	4.63	81.43	4.33
Latifolium63	TX-97	Guatemala	24.92	24.21	5.16	82.50	5.10
Latifolium64	TX-99	Guatemala	25.68	25.88	4.96	82.70	5.40
Latifolium65	TX-100	Guatemala	25.82	24.38	4.65	83.73	4.73
Latifolium66	TX-101	Guatemala	23.03	21.50	5.36	82.27	4.07
Latifolium68	TX-103	-	27.03	26.29	4.83	83.87	5.37
Latifolium69	TX-104	Guatemala	25.07	23.68	5.45	83.17	5.40
Latifolium70	TX-105	Guatemala	25.56	23.95	4.55	82.63	5.53
Latifolium72	TX-107	Guatemala	25.11	26.42	4.56	83.47	5.73
Latifolium76	TX-113	Guatemala	25.46	24.46	4.91	83.70	6.40
Latifolium79	TX-118	Guatemala	22.21	22.30	4.95	79.33	4.43
Latifolium90	TX-153	Guatemala	22.47	22.82	4.47	79.60	5.03
Latifolium93	TX-156	Guatemala	22.50	24.79	4.39	80.97	5.93
Latifolium95	TX-158	Guatemala	23.37	24.82	5.19	81.77	4.67
Latifolium96	TX-160	Mexico	24.57	25.98	4.94	83.00	5.23
Latifolium98	TX-162	Guatemala	23.63	24.01	4.89	82.33	6.80
Latifolium100	TX-164	-	24.12	23.57	4.64	82.53	6.10
Latifolium101	TX-167	Guatemala	27.12	26.41	3.70	83.83	5.37
Latifolium103	TX-169	Guatemala	27.89	26.16	4.05	85.10	5.83
Latifolium109	TX-177	Guatemala	24.09	22.64	4.34	82.60	5.17
Latifolium112	TX-180	Guatemala	23.99	23.67	3.91	82.37	5.53
Latifolium120	TX-197	Guatemala	24.27	24.41	5.10	83.20	5.67
Latifolium122	TX-199	Guatemala	25.50	25.72	4.90	82.97	5.63
Latifolium126	TX-203	-	23.85	24.72	4.92	81.23	5.80
Latifolium127	TX-204	Mexico	24.28	22.89	5.72	82.13	4.70
Latifolium128	TX-205	Mexico	28.67	24.82	3.84	84.63	5.60
Latifolium129	TX-206	Mexico	25.18	23.93	3.88	83.70	6.80
Latifolium131	TX-208	Guatemala	25.12	26.28	4.45	82.90	5.67
Latifolium136	TX-215	Guatemala	26.32	28.25	4.44	84.47	5.43
Latifolium137	TX-216	Guatemala	23.21	23.32	4.14	80.90	4.50
Latifolium141	TX-220	Guatemala	24.31	21.35	4.93	82.57	4.03
Latifolium142	TX-221	Guatemala	23.14	23.34	4.76	81.13	5.73
Latifolium143	TX-222	-	23.64	23.67	4.68	81.13	4.97

Latifolium145	TX-224	Mexico	24.04	25.56	4.38	82.50	4.37
Latifolium146	TX-225	Mexico	22.67	27.36	5.86	79.23	6.60
Latifolium147	TX-226	Mexico	23.89	22.47	5.60	82.27	6.12
Latifolium187	TX-1094	-	24.92	22.73	5.51	84.07	5.43
Marie-galante2	TX-141	Guatemala	26.54	22.96	4.33	83.07	5.20
Marie-galante3	TX-246	Mexico	25.32	24.43	3.67	82.33	5.23
Marie-galante4	TX-367	Guatemala	27.71	27.75	4.08	84.30	4.97
Marie-galante11	TX-380	-	29.02	27.69	4.69	84.97	4.67
Marie-galante13	TX-820	-	25.32	26.12	3.73	81.17	4.70
Marie-galante40A	TX-883	-	24.19	23.29	4.38	77.90	6.20
Marie-galante41	TX-885	-	23.73	27.47	4.64	81.23	5.23
Marie-galante46	TX-902	-	28.96	28.41	3.53	84.73	5.03
Marie-galante51	TX-1025	-	24.84	27.03	4.51	82.70	5.20
Marie-galante52A	TX-1034	-	29.05	29.60	3.49	86.27	5.63
Marie-galante57	TX-1141	-	25.87	26.29	4.51	82.50	5.20
Marie-galante60	TX-1144	-	25.65	26.28	3.99	83.60	5.90
Marie-galante66	TX-1205	-	22.76	23.56	3.75	80.50	5.27
Marie-galante69	TX-1259	-	25.54	22.62	3.96	83.27	6.37
Marie-galante84	TX-1618	-	25.87	23.25	3.89	84.07	5.70
Marie-galante85	TX-1771	-	25.50	24.65	4.50	79.10	5.67
Marie-galante116	TX-2304	-	27.29	24.83	3.55	84.57	4.70
Marie-galante118	TX-2306	-	25.18	24.01	4.19	82.63	5.50
Morrilli2	TX-126	Mexico	25.70	24.17	4.64	82.57	5.97
Morrilli12	TX-146	Mexico	24.51	25.33	4.20	79.90	6.43
Morrilli13	TX-147	Mexico	23.24	27.07	4.18	80.37	4.97
Morrilli14	TX-171	Mexico	26.81	25.98	3.90	84.83	5.17
Morrilli15	TX-172	Mexico	26.12	25.69	3.97	84.73	5.13
Morrilli16	TX-189	Mexico	21.68	24.04	4.90	77.67	4.70
Morrilli17	TX-190	Mexico	27.34	27.72	3.73	84.53	5.50
Morrilli20	TX-194	Mexico	25.54	24.37	3.95	82.33	6.23
Morrilli21	TX-210	-	27.00	26.63	4.45	82.77	5.63
Morrilli22	TX-211	Mexico	25.99	27.29	3.99	82.20	4.33
Morrilli23	TX-254	Mexico	22.99	24.07	3.89	79.70	5.30
Morrilli29	TX-266	Mexico	21.40	26.40	4.43	79.17	4.87
Morrilli33	TX-279	Mexico	25.15	23.37	3.45	79.80	5.23
Morrilli34	TX-280	Mexico	25.09	23.31	4.60	81.40	5.80
Morrilli38	TX-286	Mexico	24.64	23.55	5.07	80.17	4.97
Morrilli40	TX-295	Mexico	21.56	22.53	4.96	79.30	6.00
Morrilli41	TX-296	-	22.01	23.77	5.03	76.33	6.13
Morrilli43	TX-298	Mexico	22.69	25.36	4.84	79.63	5.47
Palmeri9	TX-2083	Mexico	27.08	22.67	3.41	82.90	5.13
Palmeri12	TX-2515	-	22.59	24.14	4.58	81.63	5.97
Palmeri15	TX-832	-	21.39	21.35	3.61	78.60	5.07

Palmeri37	TX-879	-	26.21	22.15	4.42	82.67	4.37
Punctatum4	TX-28	-	23.16	26.67	5.38	81.33	5.27
Punctatum5	TX-44	-	24.96	23.72	4.75	82.47	6.43
Punctatum7	TX-94	Guatemala	22.69	28.45	5.90	79.40	6.90
Punctatum8	TX-114	Guatemala	21.29	23.51	4.60	78.37	5.72
Punctatum9	TX-115	Guatemala	25.02	26.28	4.35	82.30	6.60
Punctatum10	TX-144	Guatemala	22.20	25.13	5.00	79.80	6.87
Punctatum12	TX-187	-	23.83	22.16	4.72	81.20	4.93
Punctatum13	TX-230	Guatemala	24.82	21.71	4.27	82.20	4.50
Punctatum14	TX-231	Guatemala	24.83	26.45	4.24	82.80	6.40
Punctatum15	TX-251	Guatemala	22.99	23.53	4.53	80.63	6.20
Punctatum16	TX-459	-	24.68	29.18	5.11	81.97	6.17
Punctatum19	TX-481	Mexico	21.47	23.45	4.99	80.23	4.93
Punctatum20	TX-487	Mexico	21.73	25.62	4.43	79.23	5.33
Punctatum21	TX-488	Mexico	25.86	26.04	4.23	82.90	5.57
Punctatum23	TX-495	-	21.85	26.74	4.77	78.43	6.42
Punctatum29	TX-1107	-	25.45	27.22	4.94	82.40	5.20
Punctatum30	TX-1108	-	22.15	26.30	4.85	81.40	4.67
Richmondi1	TX-12	Guatemala	25.00	24.82	4.15	81.00	4.67
Richmondi2	TX-14	-	26.64	25.95	3.53	82.17	4.43
Richmondi3	TX-18	-	22.23	23.65	4.61	78.27	6.65
Richmondi4	TX-19	-	24.77	25.19	4.40	81.37	4.50
Richmondi8	TX-461	Mexico	23.33	28.30	5.51	80.07	5.30
Richmondi9	TX-462	Mexico	27.75	23.47	3.89	82.77	4.97
Richmondi11	TX-1101	-	22.66	28.78	5.81	79.77	5.63
Richmondi12	TX-1102	Mexico	26.28	23.35	3.81	82.37	4.43
Yucatanense2	TX-1046	Mexico	23.11	28.15	3.87	80.90	6.12
Yucatanense3	TX-1236	-	24.23	27.70	4.71	81.50	6.23
CRI12	-	China	26.39	26.60	4.27	83.57	6.20