2017 Fusarium Screens - BOTH SITE SUMMARY (Tulare County, Kern County Sites)

year = 2017 *FINAL 2/10/2018 version*

COMMERCIAL ENTRIES, RBTN program entries

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Funding provided by: CA Cotton Alliance, CA Cotton Growers and Ginners Assoc., Cotton Incorporated; University of CA-ANR; USDA-ARS; facilities and equipment by Tulare and Kings County growers

Entry Name	2017 Entry Number	County Location SITE	Type of Cotton (P-Pima; U-Upland H-Hybrid)	Whole Plot Foliar FOV rating		Single Plant Foliar rating		Root Vasc. Stain Rating		Cotyledon Vasc. Stain Rating		Plant height (inches)		Main Stem Node #		Percent Survival	
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
Phy 725 RF	*801*	**Tulare**	**U**	1.00	1.00	0.47	0.31	1.87	0.12	0.93	0.23	28.27	4.02	15.93	1.10	88.2	4.70
	801	Kern		1.50	0.71	0.60	0.89	2.80	0.45	1.20	0.45	43.00	4.06	21.20	1.48	84.1	1.70
Phy 764 RF	*802*	**Tulare**	U	0.67	0.58	0.07	0.12	0.67	0.50	0.20	0.35	27.73	4.13	14.80	0.53	89.5	4.00
	802	Kern		1.00	0.00	0.00	0.00	1.60	0.55	1.40	0.55	45.50	3.90	20.20	1.64	95.4	2.90
Daytona RF	*803*	**Tulare**	U	1.00	0.00	0.07	0.12	2.07	0.81	0.47	0.42	24.60	2.42	13.33	1.17	88.3	5.50
	803	Kern		1.00	0.00	0.60	0.55	2.40	0.55	0.40	0.55	47.80	3.27	20.20	2.49	58	17.50
FM 1830 FLT	*804*	**Tulare**	U	0.67	0.58	0.13	0.23	0.67	0.50	0.00	0.00	25.80	1.56	14.40	1.06	92.6	2.30
	804	Kern		0.50	0.71	0.00	0.00	0.60	0.89	0.20	0.45	31.80	4.49	19.40	2.61	83.7	1.90
FM 1888 GL	*805*	**Tulare**	U	1.00	0.00	0.33	0.58	1.00	0.53	0.40	0.53	27.00	0.53	16.13	0.42	85.5	2.50
	805	Kern		1.50	0.71	0.40	0.55	1.60	0.89	0.60	0.55	39.40	2.97	21.40	1.82	90.2	3.30
FM 1953 GLTP	*806*	**Tulare**	U	1.00	0.00	0.13	0.12	1.40	0.20	0.27	0.12	24.47	1.62	15.60	1.97	90.8	2.50
	806	Kern		1.50	0.71	0.00	0.00	1.20	0.84	0.20	0.45	43.00	2.92	22.20	1.30	87.2	4.40
ST 5020 GLT	*807*	**Tulare**	U	1.33	0.58	0.27	0.23	1.47	0.90	0.53	0.46	28.13	1.33	15.40	0.72	93.2	2.00
	807	Kern		2.00	0.00	0.80	0.84	2.60	0.89	0.80	0.84	44.80	3.96	21.80	1.48	86.9	5.60
DP 1646 B2XF	*808*	**Tulare**	U	1.00	0.00	0.07	0.12	0.53	0.23	0.13	0.23	30.07	1.14	15.47	0.42	88.7	6.60
	808	Kern		1.50	0.71	0.60	0.55	1.80	0.84	0.40	0.55	50.80	7.82	24.40	3.85	82.2	14.10
DP 1639 B2XF	*809*	**Tulare**	U	0.33	0.58	0.00	0.00	0.87	0.12	0.00	0.00	29.20	0.35	14.53	0.76	89.9	1.40
	809	Kern		1.50	0.71	0.40	0.55	2.20	0.84	0.60	0.55	47.20	1.30	21.00	1.58	78.6	4.10
DP 1522 B2XF	*810*	**Tulare**	U	0.33	0.58	0.00	0.00	1.33	0.50	0.40	0.20	27.20	2.82	14.93	0.99	85.6	2.70
	810	Kern		1.50	0.71	0.00	0.00	2.40	0.89	0.00	0.00	54.80	3.49	24.00	1.87	82.8	14.50
DP 1725 B2XF	*811*	**Tulare**	U	1.00	0.00	0.27	0.31	1.20	0.72	0.27	0.23	25.80	1.20	14.53	1.68	86.3	6.50
	811	Kern		1.50	0.71	0.40	0.89	1.00	0.71	1.00	0.71	44.20	2.77	21.80	1.64	84	0.20
DP 1555 B2RF	*812*	**Tulare**	U	1.00	0.00	0.27	0.12	0.53	0.42	0.07	0.12	25.60	0.40	14.47	0.50	88.8	1.70
	812	Kern		0.50	0.71	0.00	0.00	0.20	0.45	0.40	0.55	53.60	1.82	21.80	2.28	86.4	9.60
BX 1831 GLT	*813*	**Tulare**	U	0.33	0.58	0.07	0.12	0.87	0.90	0.33	0.12	28.40	2.09	14.80	0.72	83.5	4.10
	813	Kern		1.50	0.71	0.00	0.00	2.00	0.71	0.60	0.89	47.40	4.67	22.00	1.41	68.7	17.60

			Type of	Whole													
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
BX 1834 GLT	*814*	**Tulare**	U	0.33	0.58	0.07	0.12	1.13	0.42	0.27	0.31	26.20	2.77	13.87	2.00	88.3	5.80
	814	Kern		1.00	0.00	0.00	0.00	1.20	0.45	0.00	0.00	35.20	5.54	18.40	2.61	88.5	8.90
BX 1836 GLT	*815*	**Tulare**	U	0.50	0.58	0.00	0.00	0.73	0.70	0.07	0.12	20.53	1.10	13.00	0.53	86.6	6.70
	815	Kern		1.50	0.71	0.00	0.00	1.60	1.14	0.40	0.55	45.40	1.52	23.00	2.24	87	1.20
BX 1838 GLT	*816*	**Tulare**	U	0.33	0.58	0.00	0.00	0.20	0.35	0.00	0.00	26.47	2.20	14.73	0.76	90.7	7.90
	816	Kern		0.00	0.00	0.00	0.00	0.40	0.55	0.00	0.00	33.40	4.39	17.00	1.22	81.9	5.40
BX 1839 GLT	*817*	**Tulare**	U	0.67	0.58	0.13	0.23	1.47	0.58	0.80	0.35	27.13	1.27	14.13	0.50	85.2	5.70
	817	Kern		1.50	0.71	0.60	0.89	2.00	0.00	1.60	0.55	45.20	3.70	21.00	1.87	86.1	13.20
BX 1840 GLT	*818*	**Tulare**	U	0.33	0.58	0.40	0.40	1.33	0.64	0.33	0.31	25.47	2.40	13.60	0.40	90.2	5.30
	818	Kern		1.50	0.71	0.20	0.45	3.00	0.00	0.80	0.84	39.40	5.98	22.00	2.74	83.5	0.80
BX 1871 GLTP	*819*	**Tulare**	U	0.33	0.58	0.40	0.53	1.27	0.81	0.73	0.42	27.20	3.89	14.07	1.51	88.9	7.00
	819	Kern		1.50	0.71	0.40	0.55	2.80	0.45	1.40	0.89	46.00	5.61	20.40	6.19	81	3.40
BX 1872 GLTP	*820*	**Tulare**	U	0.67	0.58	0.13	0.12	1.00	0.53	0.27	0.23	24.00	1.25	13.20	0.20	92.4	2.30
	820	Kern		1.00	0.00	0.00	0.00	1.20	1.30	0.00	0.00	48.60	4.88	21.20	1.10	92.6	4.90
BX 1873 GLTP	*821*	**Tulare**	U	1.00	0.00	0.20	0.20	1.60	0.35	0.33	0.23	28.20	0.72	14.80	0.40	89.8	5.10
	821	Kern		1.50	0.71	0.00	0.00	1.80	1.10	0.60	0.89	44.60	7.54	20.60	1.82	90.6	7.50
FM 1830 GLT	*822*	**Tulare**	U	0.67	0.58	0.13	0.12	0.73	0.50	0.00	0.00	24.47	2.20	14.60	0.35	89.2	2.20
	822	Kern		1.50	0.71	0.80	0.45	2.00	1.00	0.20	0.45	48.40	5.32	22.00	3.39	87.3	1.80
16 R324 B3XF	*823*	**Tulare**	U	1.00	0.00	0.13	0.23	1.47	1.33	0.13	0.12	26.93	0.70	25.00	5.24	84.8	7.90
	823	Kern		1.00	0.00	0.00	0.00	0.80	0.84	0.60	0.55	46.00	5.05	23.40	2.51	94.6	3.00
16 R338 B3XF	*824*	**Tulare**	U	1.00	0.00	0.27	0.31	0.87	0.61	0.20	0.20	29.40	1.22	15.27	0.31	91.8	5.00
	824	Kern		2.00	0.00	0.00	0.00	2.20	0.84	0.60	0.89	47.60	3.65	21.40	0.89	90.4	7.40
16 R341 B3XF	*825*	**Tulare**	U	0.50	0.71	0.20	0.28	0.99	1.41	0.48	0.85	28.49	3.11	15.71	1.70	87.6	5.10
	825	Kern		0.50	0.71	0.00	0.00	1.00	0.71	0.00	0.00	47.20	6.57	22.00	1.58	92.4	7.50
16 R343 B3XF	*826*	**Tulare**	U	1.00	0.00	0.20	0.28	1.10	0.14	0.34	0.28	27.27	2.83	14.21	1.70	87.1	3.30
	826	Kern		1.50	0.71	0.60	0.55	1.60	0.94	0.00	0.00	48.60	3.78	22.80	2.95	90.7	5.30

			Type of	Whole														
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	Entry	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	Number	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
16 R346 B3XF	*827*	**Tulare**	U	0.67	0.58	0.20	0.20	1.27	1.01	0.33	0.31	25.67	0.99	14.73	0.64	91.3	4.70
	827	Kern		1.50	0.71	0.00	0.00	2.20	0.45	0.80	0.84	45.20	3.42	22.20	1.30	83.3	10.80
16 R351 B3XF	*828*	**Tulare**	U	0.50	0.58	0.05	0.10	0.75	0.75	0.20	0.23	27.70	2.13	14.40	1.05	87.1	5.00
	828	Kern		1.00	0.00	0.40	0.55	1.40	0.89	1.80	0.45	41.60	4.72	21.60	2.51	88	0.10
16 R353 B3XF	*829*	**Tulare**	U	0.33	0.58	0.07	0.12	0.53	0.50	0.13	0.23	26.20	0.87	14.60	1.22	90.8	6.60
	829	Kern		1.00	0.00	0.00	0.00	0.60	0.89	0.80	0.84	45.20	3.11	19.40	0.55	83.7	0.50
16 R225NR B2XF	*830*	**Tulare**	U	0.33	0.58	0.20	0.20	0.93	0.70	0.27	0.31	26.13	3.13	15.47	0.33	84.1	5.30
	830	Kern		1.50	0.71	0.40	0.55	2.80	0.84	0.80	1.10	52.40	2.19	23.20	3.11	92.9	6.70
16 R245NR B2XF	*831*	**Tulare**	U	0.33	0.58	0.07	0.12	0.27	0.31	0.00	0.00	27.20	1.40	14.13	0.12	88.6	7.00
	831	Kern		2.00	0.00	0.20	0.45	1.60	1.14	1.60	0.55	39.80	4.44	20.40	0.89	87.3	3.80
16 R246NR B2XF	*832*	**Tulare**	U	0.33	0.58	0.00	0.00	0.67	0.58	0.00	0.00	26.13	0.23	14.80	0.60	81	6.60
	832	Kern		1.50	0.71	0.40	0.55	3.00	0.00	0.20	0.45	41.40	2.07	19.40	1.52	94.3	8.10
CPS 16214 B2XF	*833*	**Tulare**	U	0.67	0.58	0.20	0.35	1.07	0.23	0.13	0.12	27.73	2.53	13.53	0.23	83.7	5.50
	833	Kern		1.50	0.71	0.20	0.45	3.00	0.00	0.60	0.89	35.60	1.67	18.60	1.67	89.8	2.40
CPS 17228 NR B2XF	*834*	**Tulare**	U	0.67	0.58	0.33	0.31	1.53	0.81	0.53	0.23	29.60	1.59	16.33	0.64	88.9	8.60
	834	Kern		1.50	0.71	0.00	0.00	1.80	0.84	0.80	0.84	46.60	2.51	21.80	2.28	86.5	0.50
CPS 17251 NR B2XF	*835*	**Tulare**	U	0.33	0.58	0.00	0.00	0.87	0.99	0.13	0.23	29.33	1.80	14.60	1.11	87.8	3.80
	835	Kern		1.50	0.71	0.00	0.00	2.20	0.84	0.60	0.55	44.80	3.11	19.40	2.07	87.9	11.10
CPS 1702 GLT	*836*	**Tulare**	U	1.33	0.58	0.40	0.40	1.27	1.14	0.07	0.12	28.00	2.40	14.67	0.46	86.8	5.00
	836	Kern		1.50	0.71	0.00	0.00	2.60	0.55	0.40	0.55	51.00	2.00	21.60	1.14	85.1	0.40
DG 3109 B2XF	*837*	**Tulare**	U	0.33	0.58	0.53	0.42	1.47	0.46	0.53	0.46	24.20	0.69	14.80	0.20	79.5	5.2
	837	Kern		1.50	0.71	0.00	0.00	2.00	0.71	1.00	0.71	45.80	0.84	21.60	1.95	79.2	4.20
DP 348 RF	*838*	**Tulare**	P	0.33	0.58	0.00	0.00	0.53	0.50	0.00	0.00	24.13	1.53	14.33	1.33	97.3	2.50
	838	Kern		1.00	0.00	0.40	0.55	0.80	0.84	0.00	0.00	35.80	2.86	18.60	3.29	91.2	1.70
DP 358 RF	*839*	**Tulare**	P	1.00	0.00	0.00	0.00	0.27	0.23	0.00	0.00	24.27	0.92	14.20	0.87	97.3	2.50
	839	Kern		1.50	0.71	0.40	0.55	1.38	0.64	0.00	0.00	49.40	2.07	24.80	2.86	91	0.70

			Type of	Whole													
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	Entry	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	Number	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
MON 16R330 R2P	*840*	**Tulare**	P	0.33	0.58	0.33	0.31	0.73	0.42	0.07	0.12	24.53	1.51	13.93	1.17	93.9	3.60
	840	Kern		1.00	0.00	0.60	0.55	1.60	0.55	0.00	0.00	42.60	1.52	22.00	1.00	89.9	0.70
MON 16R341 R2P	*841*	**Tulare**	P	0.33	0.58	0.00	0.00	0.20	0.20	0.00	0.00	23.53	1.33	14.13	0.46	95.2	4.20
	841	Kern		1.00	0.00	0.60	0.55	0.00	0.00	0.00	0.00	46.80	2.49	23.40	0.89	94.1	2.90
OA EXP 16-84	*842*	**Tulare**	P	0.67	0.58	0.40	0.53	0.67	0.12	0.07	0.12	26.27	2.16	15.20	1.44	98.4	1.60
	842	Kern		0.00	0.00	0.00	0.00	0.20	0.45	0.00	0.00	40.00	1.73	21.60	0.89	87	5.20
PHY 841 RF	*843*	**Tulare**	P	0.67	0.58	0.00	0.00	0.53	0.58	0.00	0.00	21.20	0.80	13.93	0.76	95.7	4.00
	843	Kern		0.50	0.71	0.80	0.45	0.60	0.55	0.00	0.00	43.20	2.77	20.60	2.51	96.1	2.50
PHY 881 RF	*844*	**Tulare**	P	0.33	0.58	0.33	0.31	1.27	0.50	0.07	0.12	22.87	3.44	14.47	1.22	91.7	2.80
	844	Kern		0.00	0.00	0.20	0.45	0.20	0.45	0.00	0.00	42.00	4.53	21.00	3.54	87.9	3.90
PHY 888 RF	*845*	**Tulare**	P	1.00	0.00	0.13	0.12	0.53	0.61	0.07	0.12	26.00	0.92	15.07	0.31	92.5	3.80
	845	Kern		0.00	0.00	0.00	0.00	0.40	0.55	0.00	0.00	31.20	0.84	18.20	2.39	92	8.50
HA 1432	*846*	**Tulare**	H	1.00	0.00	0.13	0.12	1.20	0.72	0.33	0.12	30.13	1.14	16.60	0.60	89.3	4.70
	846	Kern		1.50	0.71	0.60	0.55	1.80	0.84	0.00	0.00	51.40	6.54	22.20	5.40	91.7	2.90
HA 690	*847*	**Tulare**	H	0.67	0.58	0.40	0.40	1.87	0.61	0.53	0.46	30.20	1.78	15.53	0.58	85.5	6.90
	847	Kern		1.00	0.00	0.00	0.00	0.80	1.10	0.00	0.00	51.60	7.70	21.60	1.14	83	5.80
PHY 805 RF	*848*	**Tulare**	P	0.33	0.58	0.07	0.12	0.60	0.35	0.13	0.23	24.00	1.25	15.00	1.91	77.4	4.60
	848	Kern		1.00	0.00	0.80	0.45	1.40	0.55	0.00	0.00	41.20	4.09	22.60	0.55	58.1	15.30
PHY 802 RF	*849*	**Tulare**	P	0.00	0.00	0.00	0.00	0.73	0.23	0.20	0.35	22.87	1.36	13.73	0.81	87.2	1.00
	849	Kern		1.00	0.00	0.20	0.45	0.80	0.59	0.00	0.00	39.92	10.60	22.30	1.15	94.1	5.30
OA-15-21-7	*850*	**Tulare**	P	0.33	0.58	0.00	0.00	0.20	0.20	0.00	0.00	23.27	1.81	13.87	0.92	93.8	2.70
	850	Kern		1.50	0.71	0.80	0.45	1.60	0.89	0.00	0.00	42.00	0.71	20.60	1.67	91.5	1.10
OA-15-25-5	*851*	**Tulare**	P	0.00	0.00	0.20	0.20	0.40	0.20	0.00	0.00	23.13	0.31	14.40	0.40	93.9	5.10
	851	Kern		1.00	0.00	0.80	0.45	1.80	0.45	0.00	0.00	44.00	2.74	22.40	1.67	93.5	3.70
OA-15-25-12	*852*	**Tulare**	P	0.33	0.58	0.13	0.12	0.27	0.12	0.00	0.00	23.80	2.25	14.40	1.25	93	3.30
	852	Kern		0.50	0.71	0.20	0.45	0.60	0.55	0.00	0.00	47.00	2.74	23.00	1.41	92.9	0.10

			Type of	Whole														
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
OA-15-26-3	*853*	**Tulare**	P	0.67	0.58	0.27	0.31	1.20	0.20	0.13	0.23	26.73	0.70	14.47	0.42	94.9	1.80
	853	Kern		0.50	0.71	0.20	0.45	0.40	0.55	0.00	0.00	44.60	3.13	21.20	2.17	69.9	13.80
OA-15-27-3	*854*	**Tulare**	P	0.00	0.00	0.07	0.12	0.73	0.42	0.07	0.12	23.53	1.79	14.60	0.80	92	2.90
	854	Kern		0.50	0.71	0.20	0.45	1.00	1.22	0.00	0.00	49.00	1.87	24.00	2.55	86.5	4.00
OA-16-1-23	*855*	**Tulare**	P	0.33	0.58	0.00	0.00	0.67	0.61	0.13	0.23	24.33	0.99	15.07	0.92	94.3	3.10
	855	Kern		0.50	0.71	0.40	0.55	1.00	0.71	0.00	0.00	31.40	1.14	20.80	1.30	92.5	2.50
OA-16-2-9	*856*	**Tulare**	P	0.00	0.00	0.27	0.12	0.80	0.35	0.07	0.12	23.27	2.50	14.20	0.53	95	1.90
	856	Kern		0.00	0.00	0.00	0.00	0.40	0.55	0.00	0.00	39.80	1.48	21.60	0.89	89.9	3.40
OA-16-2-11	*857*	**Tulare**	P	0.67	0.58	0.33	0.31	1.07	0.81	0.20	0.35	22.80	2.09	13.80	0.35	87.6	6.10
	857	Kern		0.50	0.71	0.00	0.00	0.60	0.89	0.00	0.00	39.60	0.89	21.60	1.82	61.8	2.60
OA-16-3-9	*858*	**Tulare**	P	0.00	0.00	0.00	0.00	0.40	0.35	0.00	0.00	23.87	2.10	14.47	1.33	92.5	6.20
	858	Kern		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.00	1.22	22.00	1.22	95.2	6.80
OA-16-3-21	*859*	**Tulare**	P	0.67	0.58	0.40	0.35	0.60	0.20	0.00	0.00	22.93	1.10	14.20	0.72	93.3	3.40
	859	Kern		0.50	0.71	0.40	0.89	1.20	1.64	0.40	0.89	28.20	4.60	18.40	3.71	88.2	14.00
OA-16-4-9	*860*	**Tulare**	P	0.33	0.58	0.07	0.12	0.33	0.12	0.00	0.00	23.27	1.01	13.67	0.64	89.6	3.90
	860	Kern		0.50	0.71	0.40	0.55	1.40	0.89	0.00	0.00	50.00	2.12	24.20	1.79	74.7	5.00
OA-16-4-21	*861*	**Tulare**	P	0.00	0.00	0.13	0.12	0.27	0.12	0.07	0.12	23.60	3.02	13.13	1.22	95.5	1.10
	861	Kern		0.50	0.71	0.00	0.00	1.40	0.89	0.00	0.00	49.20	2.59	19.80	2.17	88.7	0.80
OA-16-5-19	*862*	**Tulare**	P	1.00	1.00	0.53	0.50	1.53	0.64	0.40	0.40	22.13	1.29	14.40	1.74	81.4	7.20
	862	Kern		1.00	0.00	1.40	0.55	2.60	0.55	0.20	0.45	46.60	2.88	26.60	3.51	66.8	15.70
OA-16-5-20	*863*	**Tulare**	P	1.00	0.00	0.13	0.23	0.93	0.61	0.07	0.12	21.80	2.42	14.27	0.81	89.6	2.10
	863	Kern		1.50	0.71	0.60	0.89	1.00	1.00	0.40	0.55	29.00	2.55	20.40	0.89	60.4	6.90
OA-16-6-10	*864*	**Tulare**	P	1.00	0.00	0.07	0.12	1.27	1.01	0.07	0.12	20.53	1.68	14.13	1.22	79.8	8.30
	864	Kern		2.00	1.41	1.80	0.45	3.20	0.84	1.80	0.45	29.40	4.93	19.60	2.88	45.5	13.10
OA-16-6-13	*865*	**Tulare**	P	0.00	0.00	0.07	0.12	0.13	0.12	0.00	0.00	22.87	2.50	15.00	1.25	92.5	3.40
	865	Kern		0.00	0.00	0.00	0.00	0.80	0.84	0.20	0.45	41.40	1.52	22.80	1.79	93.6	9.00

			Type of	Whole													
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
OA-16-6-17	*866*	**Tulare**	P	0.00	0.00	0.00	0.00	0.40	0.53	0.00	0.00	23.13	1.22	14.67	0.76	93.9	2.40
	866	Kern		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.60	1.82	20.00	1.58	83.4	13.30
OA-22-3	*867*	**Tulare**	P	0.00	0.00	0.13	0.23	0.33	0.42	0.00	0.00	24.00	0.92	14.80	1.22	93.4	1.50
	867	Kern		0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	49.40	1.52	23.20	1.48	90.1	0.50
OA-51	*868*	**Tulare**	P	0.33	0.58	0.00	0.00	0.60	0.53	0.00	0.00	23.47	1.33	15.00	0.53	92.6	3.10
		Kern		0.50	0.71	0.60	0.55	0.60	0.55	0.00	0.00	45.80	1.30	22.80	1.48	91	4.40
OA-52	*869*	**Tulare**	P	0.33	0.58	0.07	0.12	0.67	0.31	0.00	0.00	23.07	2.16	15.87	0.12	94	1.40
	869	Kern		0.50	0.71	0.20	0.45	0.00	0.00	0.00	0.00	32.20	1.30	21.00	1.58	97.4	3.60
OA-53	*870*	**Tulare**	P	0.33	0.58	0.13	0.12	1.20	0.40	0.13	0.23	24.47	1.53	15.67	0.61	84.7	10.70
	870	Kern		0.50	0.71	0.00	0.00	1.00	1.00	0.00	0.00	29.40	3.21	18.40	1.34	79.3	0.30
OA-54	*871*	**Tulare**	P	0.33	0.58	0.13	0.12	1.20	1.11	0.13	0.23	22.73	1.53	14.13	0.99	88.2	3.10
	871	Kern		0.00	0.00	0.00	0.00	1.80	0.45	0.00	0.00	33.60	1.67	21.80	0.84	85.3	12.70
OA-55	*872*	**Tulare**	P	1.33	0.58	0.40	0.53	1.40	0.80	0.07	0.12	24.20	0.92	15.07	0.50	84.2	10.50
	872	Kern		0.50	0.71	0.60	0.55	1.80	0.45	0.20	0.45	45.00	1.87	23.80	1.10	66.3	3.80
OA-56	*873*	**Tulare**	P	0.00	0.00	0.07	0.12	0.67	0.70	0.00	0.00	21.73	0.76	14.73	0.42	96.5	1.10
	873	Kern		0.50	0.71	0.00	0.00	0.80	0.84	0.00	0.00	35.40	2.61	21.20	2.49	95.7	6.10
OA-57	*874*	**Tulare**	P	1.00	0.00	0.20	0.20	0.80	0.40	0.07	0.12	23.20	1.97	15.53	1.10	85.2	6.10
	874	Kern		1.50	0.71	0.80	0.84	2.40	0.55	0.40	0.89	47.00	9.41	23.00	2.92	69.4	3.80
OA-58	*875*	**Tulare**	U	1.33	0.58	0.47	0.50	1.87	0.64	0.73	0.70	28.87	3.59	14.27	0.81	95.4	2.90
	875	Kern		0.50	0.71	0.00	0.00	1.40	0.89	0.00	0.00	51.40	4.77	21.60	3.21	73.9	12.90
OA-59	*876*	**Tulare**	U	1.33	0.58	0.20	0.35	1.60	0.87	0.47	0.31	27.80	0.92	15.07	0.99	92.3	4.70
	876	Kern		0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	38.00	1.87	20.40	0.89	92.3	4.80
OA-60	*877*	**Tulare**	U	1.00	0.00	0.13	0.23	0.93	0.58	0.53	0.31	29.27	1.42	15.40	0.60	95.5	1.10
	877	Kern		0.50	0.71	0.00	0.00	2.20	0.45	0.20	0.45	36.60	4.93	21.80	1.64	92.8	2.10
OA-61	*878*	**Tulare**	P	1.00	0.00	0.40	0.40	2.53	0.42	0.47	0.23	19.93	1.15	14.73	0.42	74.1	13.50
	878	Kern		1.00	1.41	0.00	0.00	3.00	0.00	0.80	0.84	19.60	2.30	15.80	2.59	30.7	6.40

			Type of	Whole														
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
OA-62	*879*	**Tulare**	P	1.33	0.58	0.67	0.31	2.33	0.99	0.60	0.40	18.93	1.22	13.73	0.12	74.3	9.80
	879	Kern		3.50	0.71	2.40	0.89	3.20	0.45	1.60	0.55	26.40	1.14	16.80	2.28	37.7	18.90
OA-63	*880*	**Tulare**	P	1.33	0.58	0.47	0.46	2.27	0.81	0.53	0.61	18.40	2.16	13.13	1.03	71.8	16.90
	880	Kern		2.00	0.00	0.60	0.89	2.40	1.14	0.60	0.55	22.40	4.98	19.00	1.41	37.8	4.10
OA-64	*881*	**Tulare**	P	1.33	0.58	0.20	0.35	1.67	0.76	0.33	0.42	23.27	3.10	16.13	1.29	77.1	6.50
	881	Kern		2.00	0.00	1.00	0.71	1.80	1.30	0.40	0.55	35.60	6.23	18.80	1.92	71.2	2.10
OA-65	*882*	**Tulare**	P	1.00	1.00	0.47	0.50	1.73	0.81	0.27	0.46	22.73	1.89	15.07	0.64	87.7	9.00
	882	Kern		1.50	0.71	0.60	0.89	2.80	0.84	0.40	0.55	36.80	6.18	22.20	0.84	52.5	7.90
OA-66	*883*	**Tulare**	P	0.33	0.58	0.13	0.23	0.87	0.81	0.13	0.12	24.93	3.03	14.53	1.47	94.1	3.80
	883	Kern		1.50	0.71	0.40	0.55	1.00	1.22	0.00	0.00	44.60	1.82	22.00	0.71	93.9	5.10
OA-67	*884*	**Tulare**	P	1.00	0.00	0.20	0.35	1.33	0.31	0.53	0.31	24.13	0.92	15.20	1.44	88.6	7.90
	884	Kern		1.50	0.71	0.20	0.45	1.40	1.14	0.00	0.00	35.00	0.71	21.20	1.30	74.3	4.00
OA-68	*885*	**Tulare**	P	0.67	0.58	0.07	0.12	0.60	0.69	0.27	0.46	24.07	0.42	16.87	1.01	87.8	2.80
	885	Kern		1.00	0.00	0.20	0.45	1.20	1.10	0.00	0.00	31.80	4.60	62.20	93.81	78.6	6.20
OA-69	*886*	**Tulare**	P	1.00	0.00	0.20	0.20	1.53	0.95	0.53	0.42	24.27	1.21	15.47	1.22	81.3	8.50
	886	Kern		1.50	0.71	0.00	0.00	1.40	1.34	0.40	0.55	30.60	5.41	21.80	2.68	55.2	3.20
OA-70	*887*	**Tulare**	P	0.67	0.58	0.33	0.12	0.93	0.12	0.13	0.12	24.13	0.76	14.80	0.35	95.9	2.10
	887	Kern		0.50	0.71	0.00	0.00	1.00	1.00	0.00	0.00	44.20	2.49	20.20	2.28	88.7	3.10
PX 8501 RF	*888*	**Tulare**	P	1.00	1.00	0.27	0.46	0.80	0.92	0.07	0.12	25.27	2.57	14.40	0.80	93.1	3.30
	888	Kern		1.00	0.00	0.40	0.55	2.20	0.45	0.00	0.00	47.20	0.84	23.40	1.14	91.8	4.90
PX 8502 RF	*889*	**Tulare**	P	0.67	0.58	0.13	0.23	1.00	0.72	0.07	0.12	24.67	1.55	14.40	0.20	92	4.00
	889	Kern		1.00	0.00	0.40	0.55	0.60	0.55	0.00	0.00	41.80	2.39	20.40	1.34	88.1	6.30
PX 8503 RF	*890*	**Tulare**	P	0.67	0.58	0.07	0.12	0.87	0.50	0.13	0.12	24.40	2.95	15.80	0.20	95.6	1.00
	890	Kern		1.00	0.00	0.40	0.55	0.60	0.89	0.00	0.00	43.80	2.28	22.20	2.59	95.8	2.20
PX 8504 RF	*891*	**Tulare**	P	0.33	0.58	0.20	0.20	0.93	0.23	0.13	0.23	23.33	0.42	14.80	0.60	94.3	5.70
	891	Kern		1.50	0.71	1.00	0.00	1.60	1.14	0.00	0.00	43.40	0.89	23.20	1.30	91.8	3.80

Entry Name	2017 Entry Number	County Location SITE	Type of Cotton (P-Pima; U-Upland H-Hybrid)	Whole Plot Foliar FOV rating		Single Plant Foliar rating		Root Vasc. Stain Rating		Cotyledon Vasc. Stain Rating		Plant height (inches)		Main Stem Node #		Percent Survival	
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
PX 8511 RF	*892*	**Tulare**	P	0.33	0.58	0.13	0.23	0.67	0.61	0.00	0.00	21.93	1.72	14.00	0.53	96.6	1.70
	892	Kern		1.00	0.00	0.60	0.55	1.20	0.45	0.00	0.00	33.80	5.12	19.00	1.58	91.6	4.20
PX 8512 RF	*893*	**Tulare**	P	0.33	0.58	0.13	0.23	0.73	0.31	0.00	0.00	25.20	0.53	14.80	0.87	96.1	3.50
	893	Kern		1.00	0.00	0.60	0.55	1.40	1.14	0.00	0.00	47.20	1.92	22.00	1.73	93	2.90
PX 8513 RF	*894*	**Tulare**	P	0.67	0.58	0.07	0.12	0.93	0.61	0.00	0.00	22.93	1.01	14.87	0.23	96.1	5.20
	894	Kern		0.50	0.71	0.00	0.00	0.40	0.55	0.00	0.00	32.00	2.83	20.00	1.58	96.5	1.50
PX 8514 RF	*895*	**Tulare**	P	0.00	0.00	0.07	0.12	1.00	0.53	0.00	0.00	23.93	3.33	14.33	1.22	96.2	3.60
	895	Kern		1.00	0.00	0.40	0.55	1.20	0.84	0.00	0.00	47.60	4.16	23.00	2.35	90	5.30
PX 8515 RF	*896*	**Tulare**	P	0.00	0.00	0.20	0.20	0.53	0.61	0.00	0.00	24.40	3.30	15.27	0.61	97	2.70
	896	Kern		0.00	0.00	0.20	0.45	0.60	0.89	0.00	0.00	45.40	2.51	22.60	1.82	95.9	3.40
PX 8516 RF	*897*	**Tulare**	P	0.33	0.58	0.33	0.23	0.80	0.80	0.13	0.12	24.40	1.97	14.60	1.51	93.3	2.50
	897	Kern		0.50	0.71	0.60	0.55	0.60	0.55	0.00	0.00	36.20	1.92	18.40	1.52	84.7	12.30
BX 1833 GLT	*898*	**Tulare**	U	0.67	0.58	0.07	0.12	0.80	0.40	0.13	0.23	22.53	0.99	13.73	0.95	96.4	3.50
	898	Kern		1.00	0.00	0.00	0.00	1.40	0.89	0.00	0.00	45.40	2.61	22.00	0.71	85.3	6.60
BX 1834 GLT	*899*	**Tulare**	U	0.50	0.71	0.10	0.40	0.90	1.27	0.20	0.28	22.20	1.70	14.30	0.99	97.4	3.70
	899	Kern		1.50	0.71	0.00	0.00	2.60	0.55	0.80	0.84	45.60	0.89	23.40	1.95	95.3	3.20
BX 1837 GLT	*900*	**Tulare**	U	1.00	0.00	0.33	0.31	1.73	0.83	0.33	0.23	25.67	3.10	14.07	1.29	94.7	5.30
	900	Kern		1.50	0.71	0.60	0.55	3.00	0.00	1.00	0.71	39.80	3.70	18.80	1.48	89.7	8.00
BX 1835 GLT	*901*	**Tulare**	U	0.67	0.58	0.33	0.42	1.47	0.23	0.20	0.12	26.47	0.90	14.33	0.61	90	3.90
	901	Kern		1.50	0.71	0.00	0.00	2.00	0.00	0.60	0.89	38.80	1.64	19.80	0.84	86.4	1.00
CPS 15WSCVProg-862	*902*	**Tulare**	U	1.67	0.58	0.40	0.40	1.40	0.80	0.60	0.20	25.47	1.03	13.73	0.58	88.5	7.10
	902	Kern		2.00	0.00	1.40	1.34	2.60	0.89	0.60	0.55	46.80	4.32	20.40	2.30	82.4	6.50
CPS 44-515B	*903*	**Tulare**	U	1.00	0.00	0.00	0.00	1.00	0.53	0.20	0.20	25.40	1.22	14.53	0.42	90.1	7.80
	903	Kern		1.00	0.00	0.20	0.45	1.60	1.14	0.60	0.89	48.40	1.52	18.80	1.92	85.4	5.80
BX 1874 GLTP	*904*	**Tulare**	U	0.67	0.58	0.00	0.00	1.40	0.87	0.20	0.20	29.13	1.50	17.67	0.23	97.6	1.00
	904	Kern		1.50	0.71	0.00	0.00	1.80	0.84	0.40	0.89	42.60	2.07	22.00	2.55	96.3	3.80

			Type of	Whole													
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	Entry	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	Number	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
FM 1911 GLT	*905*	**Tulare**	U	0.67	0.58	0.33	0.12	1.73	0.46	0.33	0.23	25.87	0.61	14.13	0.61	91.5	1.50
	905	Kern		0.50	0.71	0.00	0.00	1.00	1.00	0.00	0.00	30.40	1.82	18.80	1.79	85.1	3.00
ST 4949 GLT	*906*	**Tulare**	U	0.67	0.58	0.20	0.20	1.27	1.10	0.27	0.23	28.73	1.30	13.33	0.31	90.5	2.40
	906	Kern		1.50	0.71	0.00	0.00	2.20	1.30	0.40	0.55	39.00	2.55	20.60	2.61	91.3	6.10
ST 4848 GLT	*907*	**Tulare**	U	1.00	0.00	0.27	0.46	1.67	0.70	0.53	0.23	27.00	2.43	13.40	1.25	93.5	5.70
	907	Kern		1.50	0.71	0.00	0.00	2.60	0.55	0.60	0.89	30.00	2.74	18.80	0.84	87.5	11.70
FM 2007 GLT	*908*	**Tulare**	U	1.00	0.00	0.33	0.31	1.73	0.50	0.67	0.31	26.20	0.92	22.47	3.12	94.6	3.20
	908	Kern		0.50	0.71	0.20	0.45	1.00	0.71	0.20	0.45	30.40	4.88	19.60	2.07	82.4	7.20
FM 2334 GLT	*909*	**Tulare**	U	1.00	0.00	0.20	0.20	1.00	0.69	0.53	0.31	26.13	1.14	15.13	0.12	85.8	3.10
	909	Kern		1.00	0.00	0.00	0.00	0.60	0.89	0.20	0.45	46.00	3.08	20.60	2.07	88.5	6.30
FM 2322 GL	*910*	**Tulare**	U	0.67	0.58	0.20	0.20	1.53	0.64	0.33	0.31	27.33	2.00	14.40	0.87	91.2	3.60
	910	Kern		1.50	0.71	0.00	0.00	0.80	0.84	0.00	0.00	52.80	3.27	22.40	2.61	81.4	2.70
LA 1406 3046	*911*	**Tulare**	U-RBTN program	1.00	0.00	0.20	0.20	1.27	0.76	0.53	0.61	28.60	2.77	15.00	1.20	97.9	2.10
	911	Kern		1.00	0.00	0.00	0.00	1.00	0.71	0.00	0.00	44.20	2.28	20.40	2.97	91.8	3.80
LA 1406 3101	*912*	**Tulare**	U-RBTN program	1.67	0.58	0.53	0.61	1.33	0.31	0.33	0.12	29.20	1.60	15.87	0.42	93.4	4.60
	912	Kern		2.00	0.00	1.40	0.89	2.20	1.30	1.20	0.84	51.00	5.83	21.60	1.14	93.8	5.30
LA 1406 3038	*913*	**Tulare**	U-RBTN program	1.00	0.00	0.20	0.20	1.13	0.46	0.20	0.20	25.67	1.53	15.60	0.40	88.9	8.50
	913	Kern		1.50	0.71	1.20	0.45	2.00	1.22	1.40	0.89	48.60	3.36	23.00	0.71	92.6	2.80
LA 1406 3001	*914*	**Tulare**	U-RBTN program	1.33	0.58	0.87	0.81	1.60	1.06	0.33	0.31	28.53	1.45	15.00	0.53	93.7	5.30
	914	Kern		1.50	0.71	0.20	0.45	1.60	1.52	0.40	0.55	32.40	3.36	16.20	1.92	93.6	9.10
LA 1406 3083	*915*	**Tulare**	U-RBTN program	0.67	0.58	0.07	0.12	1.13	1.01	0.13	0.23	28.73	0.64	15.60	0.20	90.6	9.90
	915	Kern		1.50	0.71	0.20	0.45	2.00	0.71	0.60	0.89	52.20	4.02	22.40	0.89	90.7	4.60
TAM 13S-03	*916*	**Tulare**	U-RBTN program	1.67	0.58	0.60	0.60	2.07	0.12	1.13	0.12	25.27	1.17	15.60	1.25	86.1	0.70
	916	Kern		2.00	0.00	1.20	0.84	2.80	0.45	1.20	0.84	41.80	3.83	21.60	4.04	90.3	2.50
TAM WK-11L	*917*	**Tulare**	U-RBTN program	1.00	1.00	0.60	0.60	2.20	0.87	0.67	0.50	26.13	3.04	15.07	0.58	88.4	2.60
	917	Kern		2.00	0.00	1.00	1.00	3.00	0.00	0.60	0.55	35.60	3.58	20.40	2.97	90.9	10.10

			Type of	Whole													
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
TAM 13Q-51	*918*	**Tulare**	U-RBTN program	1.33	0.58	0.60	0.20	2.07	0.42	0.73	0.50	24.13	1.50	15.33	0.50	90.5	3.60
	918	Kern		1.00	0.00	0.00	0.00	1.00	0.71	0.60	0.89	33.40	2.07	21.40	1.14	84.5	9.80
Tamcot G-11	*919*	**Tulare**	U-RBTN program	1.00	0.00	0.07	0.12	1.67	0.81	0.27	0.23	23.87	3.69	14.07	0.76	88	3.80
	919	Kern		1.00	0.00	0.40	0.55	1.80	1.10	0.60	0.55	48.20	2.05	21.60	0.89	81.5	2.60
TAM 13Q-18	*920*	**Tulare**	U-RBTN program	0.67	0.58	0.53	0.42	1.67	0.42	0.67	0.31	27.67	1.72	15.80	0.20	90.5	6.90
	920	Kern		1.50	0.71	0.40	0.55	2.60	0.89	1.20	1.10	49.20	5.36	24.80	2.86	76.9	3.30
PD 201 3016	*921*	**Tulare**	U-RBTN program	1.00	0.00	0.00	0.00	1.40	1.00	0.40	0.40	28.27	0.76	15.13	1.70	90.4	8.40
	921	Kern		1.00	0.00	0.00	0.00	1.80	1.10	0.00	0.00	37.20	2.95	17.20	1.64	90.9	12.90
PD 07040	*922*	**Tulare**	U-RBTN program	1.33	0.58	0.20	0.20	1.20	1.11	0.33	0.31	28.73	3.60	14.80	1.04	93.6	1.30
	922	Kern		1.00	0.00	0.00	0.00	1.00	0.71	0.80	0.84	41.20	2.17	20.00	2.00	94.6	3.80
PD 08028	*923*	**Tulare**	U-RBTN program	1.33	0.58	0.40	0.20	2.27	0.70	0.60	0.35	26.20	0.69	14.73	0.50	86.5	5.50
	923	Kern		1.00	0.00	0.00	0.00	2.00	0.71	0.20	0.45	50.80	1.30	21.60	1.14	93.2	5.60
PD 09084	*924*	**Tulare**	U-RBTN program	1.00	1.00	0.13	0.23	1.80	0.53	0.47	0.23	25.73	1.50	14.60	0.40	93.5	4.10
	924	Kern		1.50	0.71	0.60	0.55	2.60	0.55	0.60	0.55	44.40	4.16	23.80	2.77	88.5	5.40
PD 09046	*925*	**Tulare**	U-RBTN program	1.00	0.00	0.15	0.30	1.50	0.58	0.65	0.25	25.70	1.67	15.05	0.75	94.5	5.90
	925	Kern		1.00	0.00	0.60	0.55	2.60	0.89	0.40	0.55	46.60	6.31	21.20	3.03	95	3.00
Ark 0921-27ne	*926*	**Tulare**	U-RBTN program	0.33	0.58	0.47	0.50	1.33	0.64	0.27	0.31	33.33	1.63	16.13	0.42	95.3	2.30
	926	Kern		0.50	0.71	0.00	0.00	1.60	1.14	0.40	0.55	38.60	7.06	21.40	2.97	85.4	5.60
Ark 0912-18	*927*	**Tulare**	U-RBTN program	1.00	0.00	0.20	0.35	1.07	1.01	0.73	0.76	27.80	1.78	14.87	0.95	90.4	4.80
	927	Kern		1.00	0.00	0.60	0.89	1.60	1.52	0.20	0.45	34.60	2.70	21.80	1.79	86.1	5.80
Ark 0921-31ne	*928*	**Tulare**	U-RBTN program	1.00	0.00	0.27	0.31	1.27	1.10	0.33	0.42	29.47	3.32	14.33	0.61	96	2.00
	928	Kern		0.50	0.71	0.00	0.00	2.60	0.89	0.60	0.55	36.00	2.45	17.40	1.52	86.8	1.50
Ark 0911-13	*929*	**Tulare**	U-RBTN program	1.00	0.00	0.27	0.46	1.13	0.90	0.73	0.70	27.80	1.00	15.60	1.25	92.4	6.50
	929	Kern		2.00	0.00	0.80	1.10	2.00	1.41	0.80	0.84	48.20	7.36	21.60	4.16	88.7	8.10
Ark 0908-60	*930*	**Tulare**	U-RBTN program	1.00	0.00	0.27	0.46	1.53	0.42	0.53	0.61	27.40	1.64	14.80	0.53	94.6	5.40
	930	Kern		2.00	0.00	1.00	1.00	1.40	0.89	1.20	1.10	34.00	5.20	20.80	2.17	91.8	1.90

			Type of	Whole														
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
NM 16-13P1088B	*931*	**Tulare**	U-RBTN program	1.00	0.00	0.27	0.31	1.60	1.11	0.53	0.61	27.87	1.81	14.00	0.60	83.4	0.90
	931	Kern		1.00	0.00	0.60	0.55	3.00	0.77	1.00	0.71	51.20	5.22	22.00	2.65	81.6	12.60
NM 13R 1015	*932*	**Tulare**	U-RBTN program	1.00	0.00	0.13	0.23	0.67	0.42	0.27	0.12	34.00	1.00	15.07	0.31	94.6	6.60
	932	Kern		0.50	0.71	0.00	0.00	0.60	0.89	0.00	0.00	57.20	6.83	21.00	1.58	94.7	4.50
Acala 1517-08	*933*	**Tulare**	U-RBTN program	1.00	0.00	0.00	0.00	0.87	0.42	0.20	0.20	29.40	2.60	14.20	1.59	93	1.00
	933	Kern		0.50	0.71	0.00	0.00	1.80	1.30	0.80	0.84	37.60	2.07	19.40	0.89	88.8	8.60
TAM LBB 130218	*934*	**Tulare**	U-RBTN program	0.33	0.58	0.20	0.20	1.20	0.40	0.47	0.31	23.93	2.80	14.33	1.53	94.6	5.00
	934	Kern		0.50	0.71	0.40	0.55	1.80	0.45	0.60	0.55	44.20	1.30	21.40	1.67	84	0.50
TAM LBB 131001	*935*	**Tulare**	U-RBTN program	1.00	0.00	0.47	0.42	1.40	0.87	0.27	0.46	28.87	1.55	14.87	0.31	98.3	1.70
	935	Kern		0.50	0.71	0.20	0.45	2.00	0.71	1.40	0.55	47.00	3.81	21.00	2.35	90.2	3.50
AU 90098	*936*	**Tulare**	U-RBTN program	1.00	1.00	1.33	0.70	2.33	0.50	0.87	0.81	26.67	0.64	14.47	0.58	92.4	1.70
	936	Kern		2.00	0.00	0.60	0.89	2.00	0.71	0.80	0.84	51.40	4.83	22.60	2.70	94	5.10
GA 2012 141	*937*	**Tulare**	U-RBTN program	1.33	0.58	0.27	0.31	0.93	0.50	0.20	0.35	28.47	2.55	16.40	1.06	91.4	7.30
	937	Kern		0.50	0.71	0.00	0.00	1.40	0.89	0.40	0.55	47.60	5.64	23.00	1.22	90.8	1.20
GA 2015 032	*938*	**Tulare**	U-RBTN program	1.00	0.00	0.00	0.00	0.80	0.35	0.53	0.42	25.80	1.80	13.87	0.90	83.9	10.20
	938	Kern		0.50	0.71	0.00	0.00	1.80	1.30	1.60	0.89	51.20	3.27	21.80	2.59	92.3	10.90
GA 2015 073	*939*	**Tulare**	U-RBTN program	1.00	0.00	0.30	0.42	1.60	0.57	0.20	0.28	27.70	1.56	15.30	0.42	98	2.90
	939	Kern		0.50	0.71	0.20	0.45	1.20	1.10	0.60	0.55	46.40	3.78	20.20	2.95	95	7.10
GA 2015 090	*940*	**Tulare**	U-RBTN program	1.33	0.58	0.60	0.53	1.40	1.00	0.47	0.81	28.67	1.22	15.07	0.81	92.9	6.70
	940	Kern		0.50	0.71	0.40	0.55	2.20	1.30	0.20	0.45	55.00	5.92	23.40	2.51	86.9	1.60
DP 393 CK	*941*	**Tulare**	U	1.00	1.00	0.40	0.35	1.47	1.29	0.60	0.60	26.67	1.70	14.00	1.56	100	0.00
	941	Kern		0.50	0.71	0.00	0.00	1.80	1.10	0.20	0.45	47.00	6.67	19.20	3.42	87.6	8.10
DP 493 CK	*942*	**Tulare**	U	1.00	0.00	0.40	0.31	1.47	0.64	0.60	0.35	28.73	0.46	15.47	0.42	89.7	1.50
	942	Kern		0.50	0.71	0.00	0.00	1.40	1.52	0.00	0.00	38.00	5.96	20.60	3.21	82.9	6.40
FM 958 CK	*943*	**Tulare**	U	1.33	0.58	0.13	0.23	1.20	0.92	0.67	0.12	24.40	2.16	15.00	0.53	96.8	4.10
	943	Kern		1.00	0.00	0.20	0.45	2.20	0.45	1.20	0.45	33.80	1.48	21.00	1.00	92.5	10.60

			Type of	Whole													
	2017	County	Cotton	Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry	*Entry*	Location	(P-Pima; U-Upland	FOV		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
Name	*Number*	SITE	H-Hybrid)	rating		rating		Rating		Rating		(inches)		Node #			
				mean	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*	*mean*	*stdev*
UA 222 CK	*944*	**Tulare**	U	1.67	0.58	0.67	0.50	1.40	0.53	0.87	0.58	24.67	2.10	15.33	0.12	89.1	4.80
	944	Kern		0.50	0.71	0.20	0.45	1.00	0.00	1.00	0.00	43.20	2.28	22.80	0.84	90.6	6.50
CPS 1202 D	*945*	**Tulare**	U	0.00	0.00	0.13	0.12	2.07	0.50	0.53	0.31	24.80	2.31	12.80	1.74	93.8	2.20
	945	Kern		0.50	0.71	0.00	0.00	1.20	0.45	0.40	0.55	31.00	6.20	18.20	1.30	92.9	4.40
CPS 1206 D	*946*	**Tulare**	U	1.33	0.58	0.27	0.31	0.93	0.58	0.40	0.35	21.60	1.31	12.60	0.53	92.9	7.50
	946	Kern		0.50	0.71	0.00	0.00	1.00	1.41	0.60	0.55	43.00	2.92	22.20	3.11	82.6	8.00
CPS 13203 A	*947*	**Tulare**	U	0.33	0.58	0.07	0.12	1.13	0.70	0.20	0.35	29.67	1.10	14.13	0.70	97.8	2.50
	947	Kern		1.00	0.00	0.40	0.55	1.00	1.00	0.40	0.55	50.20	2.17	21.00	1.87	93.7	1.30
CPS 13203 C	*948*	**Tulare**	U	0.33	0.58	0.20	0.20	1.27	1.10	0.27	0.23	29.40	2.25	15.20	0.87	92.8	4.80
	948	Kern		0.50	0.71	0.00	0.00	1.80	0.45	1.80	0.45	49.40	3.78	21.00	1.58	88.2	4.60
CPS 13421 A	*949*	**Tulare**	U	0.33	0.58	0.20	0.35	0.80	0.69	0.27	0.31	26.27	1.47	15.40	0.20	96.7	2.90
	949	Kern		0.50	0.71	0.00	0.00	0.00	0.00	0.00	0.00	47.00	3.61	23.60	1.52	94.6	6.20
CPS 13755 D	*950*	**Tulare**	U	0.67	0.58	0.00	0.00	1.33	0.58	0.40	0.69	27.00	2.42	15.47	1.29	95.6	2.50
	950	Kern		1.00	0.00	0.00	0.00	1.60	1.14	0.40	0.55	51.60	3.36	24.00	1.22	96	1.30
DP-340	*check A*	**Tulare**	P	1.17	0.41	2.76	0.57	2.43	0.51	0.51	0.37	12.30	2.65	15.90	3.80	57.9	10.40
moderately su		Kern		0.50	0.71	1.74	1.59	2.67	0.71	1.60	0.55	16.23	9.84	14.56	4.81	55.7	15.40
Phy-725 RF	*check B*	**Tulare**	U	1.50	0.55	0.47	0.31	1.87	0.12	0.77	0.73	27.63	2.60	15.30	1.03	89.7	5.40
moderately su		Kern		0.50	0.71	0.00	0.00	2.20	0.45	1.20	1.10	48.60	4.34	20.60	2.88	87.8	10.20
Olvey 109-C7	*check C*	**Tulare**	P	1.17	0.41	3.16	0.59	3.46	0.86	1.90	0.56	12.37	1.36	12.37	1.09	73.3	8.80
highly susc		Kern		2.00	1.41	2.70	0.55	3.20	0.45	1.40	0.55	15.68	1.78	16.40	1.14	32.5	18.80
FM 2334 GLT	*Check D*	**Tulare**	U	0.67	0.52	0.13	0.35	0.57	0.86	0.07	0.37	23.93	1.90	14.47	1.28	94.7	2.90
mild susceptil		Kern		1.00	0.00	0.40	0.55	1.35	0.89	0.40	0.55	47.20	1.92	23.00	1.00	92.5	7.00
DP-744	*highly susc.*	**Tulare**	P	3.17	1.10	3.44	0.39	3.71	0.64	3.20	0.89	6.10	2.43	6.90	1.70	17.6	11.2
	check	Kern		4.09	0.63	3.79	0.90	4.10	1.14	3.67	1.12	9.45	7.00	6.73	5.10	19	6.7