

**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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2017 Fusarium Screen - Both Site Summary (Tulare Co, Kern Co.) - University of CA - commercial entries and RBTN entries - R.B. Hutmacher

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Entry	2017	County	Type of	Whole			Single	Root			Cotyledon			Plant			Main	Percent	
			Cotton	Plot Foliar			Plant Foliar	Vasc. Stain		Vasc. Stain		height		Stem	Survival				
Name	Number	SITE	(P-Pima; U-Upland H-Hybrid)	FOV		rating	rating	Rating		Rating		(inches)		Node #		mean	stdev	mean	stdev
				mean	stdev	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		

Entry Name	2017	County	Type of Cotton	Whole Plot Foliar	Single		Root	Cotyledon		Plant	Main		Percent						
	Entry		Location	(P-Pima; U-Upland H-Hybrid)	FOV	Plant Foliar		Vasc. Stain	Vasc. Stain	height	Stem	Survival							
	Number	SITE		rating	mean	stdev	rating	mean	stdev	Rating	mean	stdev	Rating	mean	stdev	Rating	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		

Entry Name	2017	County	Type of Cotton	Whole Plot	Foliar		Single	Root	Cotyledon		Plant	Main		Percent			
	Entry		Location	(P-Pima; U-Upland H-Hybrid)	FOV	mean	stdev	Plant Foliar	Vasc. Stain	Vasc. Stain	height	Stem	Survival				
	Number	SITE		rating	mean	stdev	rating	Rating	Rating	Rating	(inches)	Node #	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

Entry Name	2017	County	Type of	Whole					Root			Cotyledon			Plant			Main	Percent
	Entry		Location	Cotton	Plot Foliar		Single			Vasc. Stain		Vasc. Stain		height		Stem		Survival	
	Number	SITE	(P-Pima; U-Upland H-Hybrid)	FOV rating	stdev	Plant Foliar rating	stdev	Rating	stdev	Rating	stdev	(inches)	stdev	Node #	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		

Entry Name	2017	County	Type of	Whole	Single		Root	Cotyledon		Plant	Main	Percent					
	Entry		Cotton	Plot Foliar	Plant Foliar	Vasc. Stain	Vasc. Stain	height	Stem				Survival				
	Number	SITE	(P-Pima; U-Upland H-Hybrid)	FOV rating	stdev	rating	stdev	Rating	Rating	(inches)	Node #						
				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

Entry Name	2017	County	Type of	Whole		Single		Root		Cotyledon		Plant		Main		Percent	
	Entry		Cotton	Plot Foliar		Plant Foliar		Vasc. Stain		Vasc. Stain		height		Stem		Survival	
	Number	SITE	(P-Pima; U-Upland H-Hybrid)	FOV rating	stdev	rating	stdev	Rating	stdev	Rating	stdev	(inches)	stdev	Node #	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

Entry Name	2017	County	Type of	Whole			Single	Root			Cotyledon	Plant			Main	Percent				
	Entry		Location	Cotton	Plot Foliar			Plant Foliar	Vasc. Stain			Vasc. Stain	height			Stem	Survival			
	Number	SITE	(P-Pima; U-Upland H-Hybrid)	FOV			rating	Rating			Rating	(inches)			Node #					
				rating	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	County	Type of	Whole					Root			Cotyledon			Plant			Main			Percent
	Entry		Location	Cotton	Plot Foliar	Plant Foliar	Plant Foliar	Plant Foliar	Vasc. Stain	Vasc. Stain	Vasc. Stain	height	Stem	Survival							
	Number	SITE	(P-Pima; U-Upland H-Hybrid)	FOV rating	stdev	mean	stdev	Rating	stdev	Rating	stdev	Rating	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	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				



Entry Name	2017	County	Type of Cotton	Whole Plot Foliar	Single		Root		Cotyledon		Plant		Main		Percent		
	Entry		Location	(P-Pima; U-Upland H-Hybrid)	FOV rating	Plant Foliar rating	Vasc. Stain	Vasc. Stain	height (inches)	Stem Node #	Survival						
	Number	SITE		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

Entry Name	2017	County	Type of Cotton (P-Pima; U-Upland H-Hybrid)	Whole		Single		Root		Cotyledon		Plant		Main		Percent	
	Entry Location			Plot Foliar	Plant Foliar	Vasc. Stain	Vasc. Stain	height	Stem	Survival							
	Number	SITE		rating	stdev	rating	stdev	Rating	stdev	Rating	stdev	(inches)	Node #	mean	stdev	mean	stdev
				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

	2017	County	Type of Cotton	Whole Plot Foliar		Single		Root		Cotyledon		Plant		Main		Percent	
Entry Name	Entry Number	Location SITE	(P-Pima; U-Upland H-Hybrid)	FOV rating		Plant Foliar rating		Vasc. Stain Rating		Vasc. Stain Rating		height (inches)		Stem Node #		Survival	
				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

Entry Name	2017	County	Type of Cotton	Whole Plot Foliar	Single		Root		Cotyledon		Plant		Main		Percent		
	Entry		Location	(P-Pima; U-Upland H-Hybrid)	FOV rating	Plant Foliar rating	Vasc. Stain Rating	Vasc. Stain Rating	height (inches)	Stem Node #	Survival						
	Number	SITE		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 sus	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 sus	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 susceptibl	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