Mississippi State University

Scholars Junction

College of Agriculture & Life Sciences Publications and Scholarship

College of Agriculture and Life Sciences

1-1-2017

Bt Cotton Meta-analysis Data

Daniel Fleming Mississippi State University, def18@msstate.edu

Nathan Little Mississippi State University

Fred Musser Mississippi State University, fm61@msstate.edu

Follow this and additional works at: https://scholarsjunction.msstate.edu/cals-publications

Recommended Citation

Fleming, Daniel; Little, Nathan; and Musser, Fred, "Bt Cotton Meta-analysis Data" (2017). *College of Agriculture & Life Sciences Publications and Scholarship.* 1. https://scholarsjunction.msstate.edu/cals-publications/1

This Research Data is brought to you for free and open access by the College of Agriculture and Life Sciences at Scholars Junction. It has been accepted for inclusion in College of Agriculture & Life Sciences Publications and Scholarship by an authorized administrator of Scholars Junction. For more information, please contact scholcomm@msstate.libanswers.com.

Code	Complete Citation
Bt4	Adamczyk JJ, Adams LC, Hardee DD. 2001. Field efficacy and
	seasonal expression profiles for terminal leaves of single and
	double Bacillus thuringiensis toxin cotton genotypes. J Econ
	Entomol.94(6):1589-93.
Bt182	Brickle DS, Turnipseed SG, Sullivan MJ. 2001. Efficacy of
	insecticides of different chemistries against Helicoverpa zea
	(Lepidoptera: Noctuidae) in transgenic Bacillus thuringiensis
	and conventional cotton. J Econ Entomol. 94(1):86-92.
Bt457	Hagerty AM, Kilpatrick AL, Turnipseed SG, Sullivan MJ, Bridges
	WC. 2005. Predaceous arthropods and lepidopteran pests on
	conventional, Bollgard, and Bollgard II cotton under untreated
	and disrupted conditions. Environ Entomol. 34(1):105-14.
Bt482	Head G, Moar W, Eubanks M, Freeman B, Ruberson J, Hagerty A,
	et al. 2005. A multiyear, large-scale comparison of arthropod
	populations on commercially managed Bt and non-Bt cotton
	fields. Environ Entomol. 34(5):1257-66.
Bt938	Siebert MW, Nolting S, Leonard BR, Braxton LB, All JN, Duyn
	JWv, et al. 2008. Efficacy of transgenic cotton expressing
	Cry1Ac and Cry1F insecticidal protein against heliothines
	(Lepidoptera: Noctuidae). J Econ Entomol. 101(6):1950-9.
Bt1360	Hardke JT, Lorenz G, Colwell C, Shelton C, Edmund R. 2008.
	Evaluation of selected insecticides for control of heliothines
	in Bt and non-Bt cotton. Arthropod Management Tests.
5.1050	33(1):F23.
Bt1372	Johnson DR, Lorenz III GM, Walsh KD. 2002. Bollgard II
	Efficacy on the Heliothine Complex. Summaries of Arkansas
D. 1075	Cotton Research 2002. AAES Research Series 507. pp. 290-293.
Bt1375	Lorenz III GM, Colwell K, Hardke J, Shelton C. 2006. Performance of Widestrike Cotton in Arkansas, 2006. Summaries
	of Arkansas Cotton Research 2006. AAES Research Series 552.
	pp. 135-139.
Bt1486	Gable RH. 2005. Evaluation of Selected Refuges in a Bollgard®
DU1400	Cotton Production System: Heliothine Movement and Effects on
	Boll Injury. M.S. Thesis, Department of Entomology, Louisiana
	State University.
Bt3369	Burris E, Costello R, Sanders K. 2003. EVALUATION OF BOLLGARD
200000	AND BOLLGARD II COTTON AGAINST BOLLWORM/TOBACCO BUDWORM.
	Arthropod Management Tests 28(1):M6.
Bt3370	Allen CT, Kharboutli MS, Tugwell NP. 2000. HELIOTHINES AND
2000,0	DAMAGE ON SELECTED BOLLGARD COTTON CULTIVARS, 1996 AND 1998.
	Arthropod Management Tests 25(1):M15.
Bt3371	Johnson DR, Lorenz GM, Hopkins JD, Reaper JD, Walsh KD. 2003.
	HELIOTHINE CONTROL ON BT AND NON-BT COTTON WITH THE ADVENT OF
	BOLL WEEVIL ERADICATION, 2001. Arthropod Management Tests.
	28 (1) : F57.
Bt3372	Parker Jr. CD. 2000. Temporal distribution of heliothines in
	corn-cotton cropping systems of the Mississippi Delta and
	relationships to yield and population growth. PhD
	Dissertation. Department of Entomology and Plant Pathology,
	Mississippi State University.

Bt3373	Bacheler JS, Mott DW. Efficacy of selected insecticides on
	conventional cotton vs. a Bollgard II variety against
	bollworms, 2006. Arthropod Management Tests. 2007;32(1):F21.
Bt3375	Bacheler JS, Mott DW. Comparative efficacy of Bollgard and
	Bollgard II against bollworms, 2002. Arthropod Management
	Tests. 2003;28(1):F41a.
Bt3376	Bacheler JS, Mott DW. Comparative efficacy of Bollgard and
Dessio	Bollgard II against bollworms in strip till cotton, 2003.
	Arthropod Management Tests. 2004;29(1):F42.
DL 2270	
Bt3378	Bacheler JS, Mott DW. Comparative efficacy of Bollgard and
	Bollgard II against bollworms, 2001. Arthropod Management
	Tests. 2002;27(1):M5.
Bt3379	Castro BA. Comparative efficacy of Bollgard, Bollgard II, and
	WideStrike against a bollworm and tobacco budworm complex in
	cotton, 2007. Arthropod Management Tests. 2008;33:M1.
Bt3380	Benedict JH, Correa JC, Mann JE. Efficacy of two Cry proteins
	in transgenic cotton lines against bollworm and tobacco
	budworm, 1996. Arthropod Management Tests. 1999;24:M19.
Bt3383	Benedict JH, Correa JC, Porteous DJ. Lepidopteran control with
	cyhalothrin, spinosad and Cry1A(c) and expressing plants,
	1996. Arthropod Management Tests. 1999;24:F52.
Bt3384	Bacheler JS, Mott DW. Evaluation of bollworm thresholds in
BL3304	Bollgard Cotton, 1998. Arthropod Management Tests.
D 1 D 0 C	1999;24:F50.
Bt4726	Parker RD. 2002. Results of insect control evaluations on
	corn, sorghum and cotton in Texas Coastal Bend counties and
	Coastal Bend extension district crop hybrid/ variety
	comparisons. Texas A&M University.
Bt4727	Parker RD. 2004. Results of insect control evaluations on
	corn, sorghum and cotton in Texas Coastal Bend counties and
	Gulf Coast crop hybrid/ variety comparisons. Texas A&M
	University.
BWCC3	Layton MB, Stewart SD, Williams MR, Long JL. 1999. Performance
	of Bt cottons in Mississippi, 1998. Proceedings of the 1999
	Beltwide Cotton Conferences pgs. 942-945.
BWCC4	Reed JT, Bao D, Jackson CS, Catchot A. 2001. Bt vs. non-Bt UNR
DWCCI	cotton in N.E. Mississippi. Proceedings of the 2001 Beltwide
	Cotton Conferences pgs. 1131-1132.
BWCC5	Layton MB, Williams MR, Long JL. 2000. Performance of Bt
BWCCD	
	cotton in Mississippi, 1999. Proceedings of the 2000 Beltwide
	Cotton Conferences pgs. 1037-1039.
BWCC6	Stewart SD, Knighten KS, Davis FM. 2000. Efficacy of Bt cotton
	expressing two insecticidal proteins of Bacillus thuringiensis
	Berliner on selected caterpillar pests. Proceedings of the
	2000 Beltwide Cotton Conferences pgs. 1043-1049.
BWCC9	Layton MB, Williams MR, Long JL. 2001. Performance of Bt
	cotton in Mississippi, 2000. Proceedings of the 2001 Beltwide
	Cotton Conferences pgs. 847-849.
BWCC10	Adamczyk Jr JJ, Bew K, Adams LC, Hardee DD, 2001. Evaluation
BWCC10	Adamczyk Jr JJ, Bew K, Adams LC, Hardee DD. 2001. Evaluation of Bollgard II (cv. DP50BII) in the Mississippi Delta: field
BWCC10	of Bollgard II (cv. DP50BII) in the Mississippi Delta: field
BWCC10	of Bollgard II (cv. DP50BII) in the Mississippi Delta: field efficacy against various Lepidoptera while profiling season-
BWCC10	of Bollgard II (cv. DP50BII) in the Mississippi Delta: field

BWCC11	Harris FA, Creech JB, Robbins JT, Sudbrink Jr. DL, Furr Jr.
	RE, English PJ. 2002. Cotton bollworm and other insect pests
	in Bollgard and Bollgard II, Mississippi Delta 2001.
	Proceedings of the 2002 Beltwide Cotton Conferences.
BWCC12	Layton MB, Williams MR, Long JL. 2002. Performance of Bt
	cotton in Mississippi, 2001. Proceedings of the 2002 Beltwide
	Cotton Conferences.
BWCC13	Akin DS, Stewart SD, Parker CD, Knighten KS. 2002. Field
	comparison of Bollgard and Bollgard II cottons. Proceedings of
	the 2002 Beltwide Cotton Conferences.
BWCC14	Adamczyk Jr JJ, Gore J, Pellow J. 2003. Evaluation of Dow
DUCCTI	Agrosciences' Cry1Ac/Cry1F trait for improved lepidopteran
	control. Proceedings of the 2003 Beltwide Cotton Conferences.
	pgs. 1567-1571.
BWCC18	Cook DR, Catchot AL, Jackson RE, Smith JF. 2008. Evaluation of
DWCCIO	Vipcot and Widestrike for heliothine management in
	Mississippi. Proceedings of the 2008 Beltwide Cotton
DWCC1 0	Conferences pgs. 1065-1069.
BWCC19	Kerns D, Lorenz G, Gore J, Cook D, Catchot A, Studebaker G, et
	al. 2015. Effectiveness of Bt cotton towards bollworms and
	benefit of supplemental oversprays. Proceedings of the 2015
	Beltwide Cotton Conferences pgs. 819-829.
BWCC20	Leonard BR, Fife H, Torrey K, Graves JB, Holloway J. 1997.
	Helicoverpa/Heliothis management in NUCOTN and conventional
	cotton cultivars in Louisiana. Proceedings of the 1997
	Beltwide Cotton Conferences pgs. 863-867.
BWCC22	Leonard BR, Fife JH, Torrey K, Burris E, Graves JB. 1998.
	Evaluation of transgenic Bt cotton lines against heliothines
	in Northeast Louisiana. Proceedings of the 1998 Beltwide
	Cotton Conferences pgs. 967-971.
BWCC23	Huckaba RM, Lassiter RB, Huang X, Blanco CA, Langston VB,
	Braxton LB, et al. 2003. Field efficacy of Dow Agrosciences
	MXB-13 transgenic cotton for control of cotton bollworm and
	tobacco budworm. Proceedings of the 2003 Beltwide Cotton
	Conferences pgs. 1293-1298.
BWCC25	Siebert MW, Braxton LB, Huckaba RM, Walton LC, Haygood RA,
2	Lassiter RB, et al. 2007. Field performance of Dow
	Agrosciences' Widestrike insect protection against key
	lepidopteran pests in the Mid-South and Southeastern U.S.
	Proceedings of the 2007 Beltwide Cotton Conferences pgs. 1114-
	1118.
BWCC27	Micinski S, Waltman WF, Spaulding HL. 2006. Efficacy of
BWCC2/	
	Widestrike for control of the bollworm/tobacco budworm complex
	in Northwest Louisiana. Proceedings of the 2006 Beltwide
	Cotton Conferences pgs. 1090-1094.
BWCC28	Capps CD, Allen C, Earnest L, Tugwell P, Kharbouti M. 1999.
	Performance of Bollgard cotton with and without insecticides.
	Proceedings of the 1999 Beltwide Cotton Conferences pgs. 1239-
	1241.
BWCC29	Allen CT, Kharboutli MS, Capps C, Earnest LD. 2000.
	Effectiveness of Bollgard II cotton varieties against foliage
	and fruit feeding caterpillars in Arkansas. Proceedings of the
	2000 Beltwide Cotton Conferences pgs. 1093-1094.

DMCC20	Charles OC Demonstring II McClollerd MD 2000 Mard and
BWCC30	Sparks OC, Barrentine JL, McClelland MR. 2002. Weed and
	heliothine-complex management in transgenic cotton.
DMGG 21	Proceedings of the 2002 Beltwide Cotton Conferences.
BWCC31	Hopkins JD, Johnson DR, Lorenz III GM, Reaper III JD. 2002.
	Efficacy of heliothine control materials in B.t. and non-B.t.
	cotton. Proceedings of the 2002 Beltwide Cotton Conferences.
BWCC32	Lorenz G, Johnson D, Hopkins J, Reaper J, Fisher A, Norton C.
	2002. Bollgard II performance in Arkansas, 2001. Proceedings
	of the 2002 Beltwide Cotton Conferences.
BWCC33	Johnson DR, Lorenz G, Walsh D, Greene JK, Capps C. 2003.
	Bollgard II evaluations in Arkansas. Proceedings of the 2003
	Beltwide Cotton Conferences pgs 1478-1480.
BWCC34	Lorenz G, Johnson D, Luttrell R, Studebaker G, Greene J. 2003.
	Heliothine boll damage survey in Arkansas, 2002. Proceedings
	of the 2003 Beltwide Cotton Conferences pgs 1470-1472.
BWCC36	Lorenz G, Johnson D, Hopkins J, Reaper J, Fisher A, Norton C.
	2001. Bollgard II performance in Arkansas. Proceedings of the
	2001 Beltwide Cotton Conferences pgs. 1116-1117.
BWCC37	Orellana L, Lorenz G, Taillon NM, Plummer A, Chaney M, Thrash
	BC, et al. 2014. Efficacy of dual gene Bt cotton for control
	of bollworm, Helicoverpa zea (Boddie). Proceedings of the 2014
	Beltwide Cotton Conferences pgs. 842-845.
BWCC38	Lentz GL, Van Tol NB, Keeton DM. 2001. Bt cotton performance
	in West Tennessee. Proceedings of the 2001 Beltwide Cotton
	Conferences pgs. 849-850.
BWCC39	Tritt C, Burcham T. 2004. An economic evaluation of Bollgard
	II cotton in West Tennessee. Proceedings of the 2004 Beltwide
	Cotton Conferences pgs. 1354-1357.
BWCC41	Layton B, Stewart SD, Williams MR, Reed JT. 1998. Performance
	of Bt cotton in Mississippi, 1997. Proceedings of the 1998
	Beltwide Cotton Conferences pgs. 970-973.
BWCC42	Layton MB, Williams MR, Stewart S. 1997. Bt-cotton in
	Mississippi: the first year. Proceedings of the Beltwide
	Cotton Conferences pgs. 861-863.
BWCC46	All JN. 2006. Widestrike trait efficacy under variable
	infestations of Helicoverpa zea in greenhouse and field tests.
	Proceedings of the 2006 Beltwide Cotton Conferences pgs. 1095-
	1099.
BWCC47	Huckaba RM, Braxton LB, Willrich MM, Richburg JS, Lassiter RB,
DWCC47	Langston VB, et al. 2005. Widestrike insect protection against
	heliothine insects. Proceedings of the 2005 Beltwide Cotton
	Conferences pgs. 1252-1259.
BWCC48	Jackson RE, Malone S, Bradley JR, Duyn Jv, Herbert A, Huckaba
2	RM. 2006. Efficacy of Widestrike and Bollgard II cottons
	against bollworm under insecticide-sprayed and non-sprayed
	conditions in North Carolina and Virginia. Proceedings of the
	2006 Beltwide Cotton Conferences pgs. 1531-1535.
BWCC49	Malone S, Herbert DA. 2008. Assessment of Lepidopteran-
2	protected cotton varieties in Virginia Proceedings of the 2008
	Beltwide Cotton Conferences pgs. 1035-1042.
BWCC200	Smith RH, Moore DP, Haygood RA, Braxton LB, Parker AR. 2005.
	Performance of widestrike [™] insect protection for control of
	Lepidopteran pests in Alabama from 2001 through 2004.
	heptaopteran pests in Atabama from 2001 through 2004.

	Proceedings of the 2005 Beltwide Cotton Conferences pg. 1330-1335.
BWCC207	Turnipseed S, Sullivan MJ, Hagerty A, Ridge R. 2001. Cotton as a model IPM system in the southeast: a dream or potential reality Proceedings of the 2001 Beltwide Cotton Conferences pg. 1009.
BWCC209	Greene J, Robinson D, Carter K, Devinney G. 2011. Performance of new and existing BT cotton technologies when inundated with heavy/ natural populations of bollworm in SC- 2010. Proceedings of the 2011 Beltwide Cotton Conferences pgs. 993- 999.
BWCC210	Carter K, greene J, Devinney G, Robinson D, Reay-Jones F. 2011. Development of treatment thresholds for bollworm (Helicoverpa zea) in second-generation BT cotton. Proceedings of the 2011 Beltwide Cotton Conferences pgs. 1031-1038.
BWCC211	Greene J, Robinson D. 2010. Performance of commercially available technologies of second generation BT cotton on bollworm in South Carolina. Proceedings of the 2010 Beltwide Cotton Conferences pgs. 1297-1302.
BWCC217	Bacheler J, Mott D. 2003. Efficacy of Bollgard II cotton under non-enhanced agronomic conditions in North Carolina, 1996- 2002. Proceedings of the 2003 Beltwide Cotton Conferences pgs. 1011-1014.
BWCC218	Jackson RE, Bradley Jr JR, Burd AD, Van Duyn J. 2000. Field and greenhouse performance of bollworm on Bollgard II cotton genotypes. Proceedings of the 2000 Beltwide Cotton Conferences pgs. 1048-1052.
BWCC219	Jackson RE, Bradley Jr JR, Van Duyn J, Burd AD. 2001. Efficacy of Bollgard and Bollgard II cottons against Bollward, Helicoverpa zea (boddie) in field and greenhouse studies. Proceedings of the 2001 Beltwide Cotton Conferences pgs. 815- 818.
BWCC221	Bacheler J, Mott D. 2004. Efficacy of Widestrike, VIP, and Bollgard II transgenic cotton under high bollworm pressure in North Carolina. Proceedings of the 2004 Beltwide Cotton Conferences pgs. 1365-1368.
BWCC222	Bacheler J, Mott D, Bowman DT. 2006. The relative efficacy of Bollgard, Bollgard II and Widestrike lines against bollworms in North Carolina in 2003 and 2005: Implications for producer choices. Proceedings of the 2006 Beltwide Cotton Conferences pgs. 1536-1540.
BWCC223	Jackson RE, Bradley jR, Van Duyn JW. 2005. Comparative efficacy of Bt technologies against bollworm in North Carolina. Proceedings of the 2005 Beltwide Cotton Conferences pgs. 1373-1378.
BWCC229	Norman JW, Sparks Jr. AN. 2001. Performance of Bollgard II cotton against lepidopterous pests in the Lower Rio Grande Valley of Texas. Proceedings of the 2001 Beltwide Cotton Conferences pgs. 833-835.
BWCC230	Pietrantonio PV, Heinz K. 1999. Distribution of heliothine larvae in B.t. and non-B.t. cotton in Texas. Proceedings of the 1999 Beltwide Cotton Conferences pgs. 945-948.

BWCC231	Parker RD, Livingston SD. 2005. Results fo field experiments with transgenic cotton varieties (VipCot and WideStrike) in the Texas Coastal Bend. Proceedings of the 2005 Beltwide Cotton Conferences pgs. 1687-1693.
BWCC235	McGriff E, Hudgins J, May M, Brown SM, May L. 2001. Evaluation of transgenic versus conventional cotton varieties (1998- 2000). Proceedings of the 2001 Beltwide Cotton Conferences pgs. 431-432.
BWCC236	McGriff E, Hudgins J, May M, Brown SM, May L. 2003. Evaluation of transgenic versus conventional cotton varieties (1998-2002) Proceedings of the 2003 Beltwide Cotton Conferences pgs. 850- 854.
BWCC249	Scott WP, Snodgrass GL, Adams DA. 1997. Influence of early season treatments of insect populations and yield in bollgard (96 BG-1) and sure grow 501 cotton varieties. Proceedings of the 1997 Beltwide Cotton Conferences pgs 892-896.
BWCC250	Seward RW, Shelby PP, Danehower SC. 2000. Performance and insect control cost of bollgard vs conventional varieties in Tennessee. Proceedings of the 2000 Beltwide Cotton Conferences pgs. 1055-1058.
BWCC254	Stewart SD, Willis KL, Steckel SJ, Hanks BA. 2007. Comparison of Non- Bt, Bollgard II and Widestrike cotton on lepidopteran pest control in Tennessee. Proceedings of the 2007 Beltwide Cotton Conferences pgs. 321-323.
BWCC259	Taillon N, Lorenz G, Plummer A, Chaney M, Thrash B. 2015. Impact of foliar insecticide application on conventional and dual gene cotton in Arkansas, 2014. Proceedings of the 2015 Beltwide Cotton Conferences pgs. 252-256.
BWCC263	Tritt C. 2005. A two year study of bollgard II in TN. Proceedings of the 2005 Beltwide Cotton Conferences pgs. 1443- 1445.