

**Table 10. Arkansas Summary**

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	1000000	50000	0.100	\$8.00	\$0.80	0.055	1203
Bollworm/budworm	1,000,000	900,000	1.550	\$10.29	\$15.95	1.225	26797
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	405,000	200,000	0.200	\$7.00	1.40	0.040	875
Lygus	1,000,000	720,000	0.870	\$7.48	\$6.51	0.245	5359
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	400,000	150,000	0.150	\$10.67	\$1.60	0.025	547
Thrips, early season	1,000,000	150,000	0.150	\$6.00	\$0.90	0.100	2188
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	200,000	6,000	0.006	\$10.33	\$0.06	0.008	164
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	1,000,000	250,000	0.350	\$8.86	\$3.10	0.560	12250
Gras hoppers	300,000	75,000	0.075	\$8.00	\$0.60	0.015	328
Salt-marsh Caterpillars	600,000	150,000	0.150	\$9.00	\$1.35	0.010	223
Aphids	1,000,000	110,000	0.110	\$7.91	\$0.87	0.023	492
Bandedwinged Whitefly	650,000	55,000	0.055	\$10.00	\$0.55	0.023	492
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	100,000	11,000	0.011	\$5.27	\$0.06	0.000	0
<b>Percent Lost</b>	2.33		<b>Est. yield/acre</b>	793			<b>Cost/ Acre</b>
						<b>Foliar insecticide</b>	\$33.75
<b>Total Acres</b>	1,000,000		<b>Spray applications</b>	3.777		<b>At planting</b>	\$10.34
						<b>Bt use fees</b>	\$11.44
			<b>Cost + loss</b>	\$102,119,5 0		<b>Eradication</b>	\$24.83
<b>Total Bales lost</b>	50,918					<b>Scouting</b>	\$7.10
<b>Bales lost in dollars</b>	\$14,664,510		<b>Cost + loss/acre</b>	\$102.12		<b>Total</b>	\$87.46

**Table 10a. Northeast Arkansas**

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	550000	50000	0.182	\$8.00	\$1.45	0.100	1203
Bollworm/budworm	550,000	500,000	1.364	\$9.00	\$12.27	1.000	12031
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	400,000	200,000	0.364	\$7.00	2.55	0.073	875
Lygus	550,000	300,000	0.818	\$7.00	\$5.73	0.200	2406
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	300,000	100,000	0.182	\$10.00	\$1.82	0.027	328
Thrips, early season	550,000	50,000	0.091	\$6.00	\$0.55	0.100	1203
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	150,000	5,000	0.009	\$10.00	\$0.09	0.014	164
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	550,000	50,000	0.091	\$8.00	\$0.73	0.200	2406
Gras hoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	400,000	50,000	0.091	\$9.00	\$0.82	0.000	4
Aphids	550,000	10,000	0.018	\$7.00	\$0.13	0.000	0
Bandedwinged Whitefly	200,000	5,000	0.009	\$10.00	\$0.09	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0

Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	50,000	10,000	0.018	\$5.00	\$0.09	0.000	0
<b>Percent Lost</b>							
	1.71		<b>Est. yield/acre</b>	890			<b>Cost/ Acre</b>
						<b>Foliar insecticide</b>	\$26.31
<b>Total Acres</b>	550,000		<b>Spray applications</b>	3.236		<b>At planting</b>	\$10.00
						<b>Bt use fees</b>	\$8.80
			<b>Cost + loss</b>	\$43,324,010		<b>Eradication</b>	\$16.50
<b>Total Bales lost</b>	20,622					<b>Scouting</b>	\$6.36
<b>Bales lost in dollars</b>	\$5,939,010		<b>Cost + loss/acre</b>	\$78.77		<b>Total</b>	\$67.97

Table 10b. Southeast Arkansas

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	450000	0	0.000	N/A	\$0.00	0.000	0
Bollworm/budworm	450,000	400,000	1.778	\$11.50	\$20.44	1.500	14766
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	5,000	0	0.000	N/A	0.00	0.000	0
Lygus	450,000	420,000	0.933	\$8.00	\$7.47	0.300	2953
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	100,000	50,000	0.111	\$12.00	\$1.33	0.022	219
Thrips, early season	450,000	100,000	0.222	\$6.00	\$1.33	0.100	984
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	50,000	1,000	0.002	\$12.00	\$0.03	0.000	0
Euro ean Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	450,000	200,000	0.667	\$9.00	\$6.00	1.000	9844
Gras hoppers	300,000	75,000	0.167	\$8.00	\$1.33	0.033	328
Salt-marsh Caterpillars	200,000	100,000	0.222	\$9.00	\$2.00	0.022	219
Aphids	450,000	100,000	0.222	\$8.00	\$1.78	0.050	492
Bandedwinged Whitefly	450,000	50,000	0.111	\$10.00	\$1.11	0.050	492
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	50,000	1,000	0.002	\$8.00	\$0.02	0.000	0
<b>Percent Lost</b>							
	3.08		<b>Est. yield/acre</b>	675			<b>Cost/ Acre</b>
						<b>Foliar insecticide</b>	\$42.84
<b>Total Acres</b>	450,000		<b>Spray applications</b>	4.438		<b>At planting</b>	\$10.76
						<b>Bt use fees</b>	\$14.67
			<b>Cost + loss</b>	\$58,795,500		<b>Eradication</b>	\$35.00
<b>Total Bales lost</b>	30,297					<b>Scouting</b>	\$8.00
<b>Bales lost in dollars</b>	\$8,725,500		<b>Cost + loss/acre</b>	\$130.66		<b>Total</b>	\$111.27