

**Table 10. Arkansas Summary**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b># insect appls</b>	<b>Cost of 1 applic</b>	<b>cost/acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll weevil	975,000	625,000	2.500	\$7.49	\$18.73	1.926	37,109
Bollworm/budworm	1,000,000	900,000	2.250	\$13.00	\$29.25	3.270	63,021
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	400,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	1,000,000	200,000	0.200	\$8.00	\$1.60	0.641	12,344
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	450,000	175,000	0.275	\$16.45	\$4.53	0.224	4,323
Thrips, early season	950,000	500,000	0.650	\$6.69	\$4.35	1.897	36,563
Beet Armyworm	200,000	100,000	0.100	\$14.00	\$1.40	0.000	0
Fall Armyworm	400,000	150,000	0.150	\$12.00	\$1.80	0.197	3,802
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	500,000	5,000	0.005	\$6.00	\$0.03	0.021	396
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	150,000	10,000	0.010	\$9.00	\$0.09	0.000	0
Aphids	1,000,000	200,000	0.200	\$8.50	\$1.70	0.500	9,635
Bandedwinged Whitefly	250,000	20,000	0.020	\$10.00	\$0.20	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	150,000	10,000	0.000	N/A	\$0.01	0.000	0
Cabbage Loopers	100,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	400,000	100,000	0.100	\$7.00	\$0.70	0.118	2,281
Cutworms	300,000	100,000	0.100	\$2.50	\$0.25	0.000	0
Percent Lost	8.79		Est. yield/acre	709			Cost/Acre
						Foliar insecticide	\$64.63
Total Acres	1,000,000		Spray applications	6.560		At planting	\$10.73
						Bt use fees	\$9.80
			Cost + loss	\$158,463,500		Eradication	\$18.05
Total Bales lost	169,474					Scouting	\$6.45
Bales lost in dollars	\$48,808,500		Cost + loss/acre	\$158.46		Total	\$109.66

**Table 10a. Northeast Arkansas**

<b>Pest</b>	<b>acres infested</b>	<b>acres treated</b>	<b># insect appls</b>	<b>Cost of 1 applic</b>	<b>cost/acre</b>	<b>%red</b>	<b>Bales lost</b>
Boll weevil	475,000	425,000	3.400	\$7.25	\$24.65	2.375	22,266
Bollworm/budworm	500,000	450,000	1.800	\$10.00	\$18.00	2.500	23,438
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	350,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	500,000	100,000	0.200	\$8.00	\$1.60	1.000	9,375
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	250,000	100,000	0.400	\$17.00	\$6.80	0.250	2,344
Thrips, early season	500,000	300,000	0.900	\$7.00	\$6.30	2.000	18,750
Beet Armyworm	100,000	50,000	0.100	\$14.00	\$1.40	0.000	0

Fall Armyworm	300,000	100,000	0.200	\$12.00	\$2.40	0.300	2,813
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	300,000	0	0.000	N/A	\$0.00	0.000	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	50,000	0	0.000	N/A	\$0.00	0.000	0
Aphids	500,000	100,000	0.200	\$9.00	\$1.80	0.500	4,688
Bandedwinged Whitefly	150,000	0	0.000	N/A	\$0.00	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	50,000	0	0.000	N/A	\$0.00	0.000	0
Cabbage Loopers	100,000	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	300,000	50,000	0.100	\$7.00	\$0.70	0.180	1,688
Cutworms	200,000	50,000	0.100	\$3.00	\$0.30	0.000	0
Percent Lost	9.11		Est. yield/acre	680			Cost/ Acre
						Foliar insecticide	\$63.95
Total Acres	500,000		Spray applications	7.400		At planting	\$12.00
						Bt use fees	\$5.60
			Cost + loss	\$71,208,500		Eradication	\$6.00
Total Bales lost	85,359					Scouting	\$5.70
Bales lost in dollars	\$24,583,500		Cost + loss/acre	\$142.42		Total	\$93.25

Table 10b. Southeast Arkansas

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	500,000	200,000	1.600	\$8.00	\$12.80	1.500	14,844
Bollworm/budworm	500,000	450,000	2.700	\$15.00	\$40.50	4.000	39,583
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	50,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	500,000	100,000	0.200	\$8.00	\$1.60	0.300	2,969
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	200,000	75,000	0.150	\$15.00	\$2.25	0.200	1,979
Thrips, early season	450,000	200,000	0.400	\$6.00	\$2.40	1.800	17,813
Beet Armyworm	100,000	50,000	0.100	\$14.00	\$1.40	0.000	0
Fall Armyworm	100,000	50,000	0.100	\$12.00	\$1.20	0.100	990
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	200,000	5,000	0.010	\$6.00	\$0.06	0.040	396
Grasshoppers	0	0	0.000	N/A	\$0.00	0.000	0
Salt-marsh Caterpillars	100,000	10,000	0.020	\$9.00	\$0.18	0.000	0
Aphids	500,000	100,000	0.200	\$8.00	\$1.60	0.500	4,948
Bandedwinged Whitefly	100,000	20,000	0.040	\$10.00	\$0.40	0.000	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	100,000	10,000	0.000	N/A	\$0.02	0.000	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.000	0
Western Flower Thrips	100,000	50,000	0.100	\$7.00	\$0.70	0.060	594

Cutworms	100,000	50,000	0.100	\$2.00	\$0.20	0.000	0
Percent Lost	8.50		Est. yield/acre	738			Cost/ Acre
						Foliar insecticide	\$65.31
Total Acres	500,000		Spray applications	5.720		At planting	\$9.45
						Bt use fees	\$14.00
			Cost + loss	\$87,255,000		Eradication	\$30.10
Total Bales lost	84,115					Scouting	\$7.20
Bales lost in dollars	\$24,225,000		Cost + loss/acre	\$174.51		Total	\$126.06