

Arkansas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	760,000	713,900	2.505	\$6.34	\$15.88	2.035	40,567
Bollworm/budworm	805,000	776,000	3.120	\$12.24	\$38.20	4.664	92,963
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	150,000	6,000	0.007	\$5.00	\$0.04	0.000	0
Lygus	855,000	486,850	0.569	\$5.40	\$3.07	1.059	21,104
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	89,950	46,400	0.054	\$12.00	\$0.65	0.018	350
Thrips, early season	855,000	111,820	0.131	\$4.16	\$0.54	0.605	12,068
Beet Armyworm	171,500	35,000	0.070	\$15.50	\$1.09	0.058	1,161
Fall Armyworm	110,000	40,000	0.047	\$13.00	\$0.61	0.009	175
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	0	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	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	536,500	122,340	0.143	\$7.25	\$1.04	0.119	2,376
Bandedwinged Whitefly	80,000	1,200	0.001	\$9.40	\$0.01	0.000	0
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	80,000	8,000	0.009	\$15.00	\$0.14	0.000	0
Cabbage Loopers	50,000	2,000	0.002	\$10.00	\$0.02	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	50,000	24,000	0.028	\$2.50	\$0.07	0.000	0
Percent Lost	8.57		Est. yield/acre	674			Cost/Acre
						Foliar insecticide	\$61.37
Total Acres	855,000		Spray applications	6.688		At planting	\$8.74
Harvested acres	850,000					Bt use fees	\$4.32
			Cost loss	\$121,650,291		Eradication	\$0.00
Total Bales lost	170,764					Scouting	\$5.54
Bales lost in dollars	\$53,278,284		Cost loss/acre	\$142.28		Total	\$79.97

Northeast Arkansas

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll weevil	418,000	389,000	2.275	\$6.34	\$14.42	1.956	21,945
Bollworm/budworm	463,000	436,000	2.550	\$10.50	\$26.77	4.513	50,641
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	50,000	3,000	0.006	\$5.00	\$0.03	0.000	0
Lygus	513,000	230,850	0.450	\$5.40	\$2.43	0.900	10,100
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	79,950	42,400	0.083	\$12.00	\$0.99	0.031	350
Thrips, early season	513,000	71,820	0.140	\$4.16	\$0.58	1.000	11,222
Beet Armyworm	21,500	10,000	0.019	\$15.50	\$0.30	0.004	47
Fall Armyworm	80,000	30,000	0.058	\$13.00	\$0.76	0.016	175
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	0	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	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	256,500	92,340	0.180	\$7.20	\$1.30	0.150	1,683
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Sweetpotato 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	30,000	12,000	0.023	\$2.00	\$0.05	0.000	0
Percent Lost	8.57		Est. yield/acre	640			Cost/Acre
						Foliar insecticide	\$47.63
Total Acres	513,000		Spray applications	5.784		At planting	\$8.48
Harvested acres	509,000					Bt use fees	\$0.40
			Cost loss	\$61,639,741		Eradication	\$0.00
Total Bales lost	96,162					Scouting	\$5.16
Bales lost in dollars	\$30,002,632		Cost loss/acre	\$120.16		Total	\$61.67

Southeast Arkansas

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/acre	%red	Bales lost
Boll weevil	342,000	324,900	2.850	\$6.34	\$18.07	2.200	18,622
Bollworm/budworm	342,000	340,000	3.977	\$13.92	\$55.35	5.000	42,323
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	100,000	3,000	0.009	\$5.00	\$0.04	0.000	0
Lygus	342,000	256,000	0.749	\$5.40	\$4.04	1.300	11,004
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	10,000	4,000	0.012	\$12.00	\$0.14	0.000	0
Thrips, early season	342,000	40,000	0.117	\$4 16	\$0.49	0.100	846
Beet Armyworm	150,000	25,000	0.146	\$15.50	\$2.27	0.132	1,114
Fall Armyworm	30,000	10,000	0.029	\$13.00	\$0.38	0.000	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.000	0
Stink Bugs	0	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	0	0	0.000	N/A	\$0.00	0.000	0
Aphids	280,000	30,000	0.088	\$7.40	\$0.65	0.082	693
Bandedwinged Whitefly	80,000	1,200	0.004	\$9.40	\$0.03	0.000	0
Sweetpotato Whitefly	0	0	0.000	N/A	\$0.00	0.000	0
Soybean Loopers	80,000	8,000	0.023	\$15.00	\$0.35	0.000	0
Cabbage Loopers	50,000	2,000	0.006	\$10.00	\$0.06	0.000	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.000	0
Cutworms	20,000	12,000	0.035	\$3.00	\$0.11	0.000	0
Percent Lost	8.81		Est. yield/acre	725			Cost/Acre
						Foliar insecticide	\$81.98
Total Acres	342,000		Spray applications	8.044		At planting	\$9.12
Harvested acres	341,000					Bt use fees	\$10.20
			Cost loss	\$60,010,550		Eradication	\$0.00
Total Bales lost	74,601					Scouting	\$6.11
Bales lost in dollars	\$23,275,652		Cost loss/acre	\$175.47		Total	\$107.41

