

Table 10. Arkansas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	970000	613000	1.003	\$7.00	\$7.02	0.764	14663
Bollworm/budworm	970,000	484,000	0.490	\$10.59	\$5.19	1.300	24944
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.000	0
Cotton Fleahopper	258,000	0	0.000	N/A	\$0.00	0.000	0
Lygus	970,000	630,500	0.813	\$7.00	\$5.69	1.114	21366
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.000	0
Spider Mites	582,000	135,000	0.273	\$17.00	\$4.64	0.133	2559
Thrips, early season	970,000	145,500	0.300	\$4.00	\$1.20	0.300	5756
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.000	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	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	970,000	388,000	0.400	\$9.00	\$3.60	0.300	5756
Bandedwinged Whitefly	0	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	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	0	0	0.000	N/A	\$0.00	0.000	0
Percent Lost	3.91		Est. yield/acre	678			Cost/ Acre
						Foliar insecticide	\$27.34
Total Acres	970,000		Spray applications	3.278		At planting	\$9.35
						Bt use fees	\$4.32
			Cost + loss	\$72,205,375		Eradication	\$4.95
Total Bales lost	75,044					Scouting	\$6.20
Bales lost in dollars	\$21,612,600		Cost + loss/acre	\$74.44		Total	\$52.16

Table 10a. Northeast Arkansas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	650000	325000	0.500	\$7.00	\$3.50	0.60	7313
Bollworm/budworm	650,000	260,000	0.300	\$10.00	\$3.00	1.30	15844
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	130,000	0	0.000	N/A	\$0.00	0.00	0
Lygus	650,000	422,500	0.813	\$7.00	\$5.69	1.15	14016
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	390,000	130,000	0.400	\$17.00	\$6.80	0.21	2559
Thrips, early season	650,000	97,500	0.300	\$4.00	\$1.20	0.30	3656
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	650,000	260,000	0.400	\$9.00	\$3.60	0.30	3656
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	3.86		Est. yield/acre	650			Cost/ Acre
						Foliar insecticide	\$23.79

Total Acres	650,000		Spray applications	2.713		At planting	\$9.35
						Bt use fees	\$1.13
			Cost + loss	\$39,852,375		Eradication	\$0.00
Total Bales lost	47,044					Scouting	\$6.20
Bales lost in dollars	\$13,548,600		Cost + loss/acre	\$61.31		Total	\$40.47

Table 10b. Southeast Arkansas Summary

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	% red	Bales lost
Boll weevil	320000	288000	2.025	\$7.00	\$14.18	1.05	7350
Bollworm/budworm	320,000	224,000	0.875	\$11.00	\$9.63	1.30	9100
Pink Bollworm	0	0	0.000	N/A	\$0.00	0.00	0
Cotton Fleahopper	128,000	0	0.000	N/A	0.00	0.00	0
Lygus	320,000	208,000	0.813	\$7.00	\$5.69	1.05	7350
Cotton Leafperforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	192,000	5,000	0.016	\$17.00	\$0.27	0.00	0
Thrips, early season	320,000	48,000	0.300	\$4.00	\$1.20	0.30	2100
Beet Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	0	0	0.000	N/A	\$0.00	0.00	0
European Corn Borer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	0	0	0.000	N/A	\$0.00	0.00	0
Grasshoppers	0	0	0.000	N/A	\$0.00	0.00	0
Salt-marsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	320,000	128,000	0.400	\$9.00	\$3.60	0.30	2100
Bandedwinged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Soybean Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Cabbage Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Western Flower Thrips	0	0	0.000	N/A	\$0.00	0.00	0
Cutworms	0	0	0.000	N/A	\$0.00	0.00	0
Percent Lost	4.00		Est. yield/acre	735			Cost/ Acre
						Foliar insecticide	\$34.55
Total Acres	320,000		Spray applications	4.428		At planting	\$9.35
						Bt use fees	\$10.80
			Cost + loss	\$32,353,000		Eradication	\$15.00
Total Bales lost	28,000					Scouting	\$6.20
Bales lost in dollars	\$8,064,000		Cost + loss/acre	\$101.10		Total	\$75.90