

Table 18 New Mexico Cotton Insect Losses – 2005

Pest	acres infested	acres treated	# insect appls	Cost of 1 applic	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.000	N/A	\$0.00	0.00	0
Bollworm/Budworm	63,700	56,100	0.834	\$18.50	\$15.43	2.94	4,739
Pink Bollworm	900	340	0.006	\$24.00	\$0.15	0.00	1
Cotton Fleahopper	0	0	0.000	N/A	0.00	0.00	0
Lygus	7,200	2,600	0.039	\$8.25	\$0.32	0.04	69
Cotton Leaf Perforator	0	0	0.000	N/A	\$0.00	0.00	0
Spider Mites	0	0	0.000	N/A	\$0.00	0.00	0
Thrips	3,800	0	0.000	N/A	\$0.00	0.14	219
Beet Armyworm	650	0	0.000	N/A	\$0.00	0.00	0
Fall Armyworm	2,500	0	0.000	N/A	\$0.00	0.01	18
European Cornborer	0	0	0.000	N/A	\$0.00	0.00	0
Stink Bugs	1,800	0	0.000	N/A	\$0.00	0.00	6
Grasshoppers	1,150	0	0.000	N/A	\$0.00	0.00	1
Saltmarsh Caterpillars	0	0	0.000	N/A	\$0.00	0.00	0
Aphids	9,000	2,800	0.042	\$22.50	\$0.94	0.00	0
Banded Winged Whitefly	0	0	0.000	N/A	\$0.00	0.00	0
Silverleaf Whitefly (Bemesia)	0	0	0.000	N/A	\$0.00	0.00	0
Loopers	0	0	0.000	N/A	\$0.00	0.00	0
Southern Armyworms	0	0	0.000	N/A	\$0.00	0.00	0
Other Insects	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	3.13		Est. yield/acre	864			Cost/ Acre
						Foliar insecticide	\$16.83

Total Acres	67,255	Spray applications	0.920	At planting	\$2.14
				Bt use fees	\$4.65
		Cost + loss	\$4,189,408	Eradication *	\$11.63
Total Bales lost	5,054			Scouting	\$5.40
Bales lost in dollars	\$1,455,615	Cost + loss/acre	\$62.29	Total	\$40.65

***Eradication includes both Pink Bollworm and Boll Weevil costs**