

**Table 17**

**New Mexico**

**Cotton Insect Losses 2008**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	2,516	797	1.00	0.019	\$0.36	0.000%	0
Pink Bollworm	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0.00	0.000	\$0.00	0.000%	0
Lygus	1,426	671	0.00	0.000	\$0.00	0.116%	134
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	0	0	0.00	0.000	\$0.00	0.000%	0
Thrips	0	0	0.00	0.000	\$0.00	0.000%	0
Beet Armyworm	3,271	1,132	0.00	0.000	\$0.00	0.000%	0
Fall Armyworm	0	0	0.00	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	0	0	0.00	0.000	\$0.00	0.000%	0
Grasshoppers	10,191	2,558	1.00	0.061	\$1.14	0.948%	1,099
Saltmarsh Caterpillars	0	0	0.00	0.000	\$0.00	0.000%	0
Aphids	1,678	461	1.00	0.011	\$0.25	0.000%	0
Banded Winged Whitefly	0	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	0	0	0.00	0.000	\$0.00	0.000%	0
Loopers	0	0	0.00	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	0	0	0.00	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0.00	0.000	\$0.00	0.000%	0
Other Insects	0	0	0.00	0.000	\$0.00	0.000%	0

Yield & Management Results	
Total Acres	41,940
Total bales Harvested	99,695
Yield (lbs/acre)	1,141
Total bales Lost to Insects	1,233
Percent Yield Loss	1.06%
Yield w/o Insects (lbs/acre)	1,153
Ave. # Spray Applications	0.091
Yield loss to all factors	16,075
% Yield loss to all factors	13.86%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$73,122	\$1.74
At Planting Costs	\$125,820	\$3.00
Scouting costs	\$159,372	\$3.80
Eradication costs	\$352,002	\$8.39
Transgenic cotton	\$765,824	\$18.26
Total Costs	\$1,476,141	\$35.20
Yield Lost to insects	\$384,652	\$9.17
Total Losses + Costs	\$1,860,794	\$44.37