

Table 19

New Mexico

Cotton Insect losses 2012

Pest	acres infested	New Mexico		#apps/ tot acres	cost/ acre	% Reduction	Bales Lost
		acres treated	#apps/ acre trtd				
Boll Weevil	0	0	0	0.000	\$0.00	0.000%	0
Bollworm/Budworm	3,267	980	1	0.021	\$0.23	0.000%	0
Pink Bollworm	0	0	0	0.000	\$0.00	0.000%	0
Cotton Fleahopper	0	0	0	0.000	\$0.00	0.000%	0
Lygus	3,734	1,353	1	0.029	\$0.35	0.006%	6
Cotton Leaf Perforator	0	0	0	0.000	\$0.00	0.000%	0
Spider Mites	0	0	0	0.000	\$0.00	0.000%	0
Thrips	8,401	653	1	0.014	\$0.10	0.000%	0
Beet Armyworm	0	0	0	0.000	\$0.00	0.000%	0
Fall Armyworm	0	0	0	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0	0.000	\$0.00	0.000%	0
Stink Bugs	233	0	1	0.000	\$0.00	0.000%	0
Grasshoppers	0	0	0	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	0	0	0	0.000	\$0.00	0.000%	0
Aphids	327	0	0	0.000	\$0.00	0.000%	0
Banded Winged Whitefly	467	0	0	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	0	0	0	0.000	\$0.00	0.000%	0
Loopers	0	0	0	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0	0.000	\$0.00	0.000%	0
Cutworms	0	0	0	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0	0.000	\$0.00	0.000%	0
cotton square borer	560	0	0	0.000	\$0.00	0.000%	0
Other Insects	0	0	0	0.000	\$0.00	0.000%	0
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Other Insects	0	0	0	0.000	\$0.00	0.000%	0
Other Insects	0	0	0	0.000	\$0.00	0.000%	0
				0.064	\$0.68	0.006%	6

Yield & Management Results

Total Acres	46,670
Total bales Harvested	98,007
yield (lbs/acre)	1,008
Total bales Lost to Insects	6
Percent Yield Loss	0.01%
Yield w/o Insects (lbs/ac)	1,008
Ave. # Spray Applications	0.064
Bales lost all factors	2,410
% yield loss all factors	1.106%

BW erad \$5.95
PBW erad \$1.67

Economic Results

	Total	Per Acre
Foliar Insecticides Costs	\$31,592	\$0.68
At Planting Costs	\$372,893	\$7.99
In-furrow costs	\$82,326	\$1.76
Scouting costs	\$214,607	\$4.60
Eradication costs	\$355,542	\$7.62
Transgenic cotton	\$581,078	\$12.45
Total Costs	\$1,638,039	\$35.10
Yield Lost to insects	\$305	\$0.01
Total Losses + Costs	\$1,638,344	\$35.10