

Table 19

New Mexico Summary

Cotton Insect losses 2014

Pest	acres infested	acres treated	#apps/ acre		cost/ acre	%red	Bales lost
			trtd	acres			
Bollworm/Budworm	31,339	1,306	1	0.03	\$0.32	0.648%	894
Beet Armyworm	3,047	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	435	435	1	0.01	\$0.11	0.000%	0
Loopers	435	0	0	0.00	\$0.00	0.000%	0
Cutworms	44	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant bug	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	2,612	435	1	0.01	\$0.11	0.000%	0
Lygus	11,317	4,788	1	0.11	\$1.34	0.416%	574
Stink Bugs	3,482	1,741	1	0.04	\$0.40	0.152%	210
Clouded Plant bugs	0	0	0	0.00	\$0.00	0.000%	0
Brown Stink bug	0	0	1	0.00	\$0.00	0.000%	0
Bagrada Bug	0	0	0	0.00	\$0.00	0.000%	0
Leaf-footed Bugs	653	0	1	0.00	\$0.00	0.027%	37
Spider Mites	0	0	0	0.00	\$0.00	0.000%	0
Thrips	29,163	16,540	1	0.38	\$2.62	0.000%	0
Aphids	1,741	696	1	0.02	\$0.17	0.000%	0
Grasshoppers	2,612	609	1	0.01	\$0.14	0.120%	166
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly (Bemisia)	0	0	0	0.00	\$0.00	0.000%	0
Darkling Beetle	0	0	0	0.00	\$0.00	0.000%	0
Pale-striped Flea Beetle	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevil	0	0	0	0.00	\$0.00	0.000%	0
				0.61	\$5.20	1.363%	1,881

Yield & Management Results	
Total Acres	43,527
Total bales Harvested	113,352
yield (lbs/acre)	1,250
Total bales Lost to Insects	1,881
Percent Yield Loss	1.36%
Yield w/o Insects (lbs/ac)	1,267
Ave. # Spray Applications	0.61
Bales lost all factors	24,652
% yield loss all factors	17.86%

Economic Results	Total	Per Acre
Foliar Insecticides Costs	\$226,434	\$5.20
At Planting Costs	\$271,138	\$6.23
In-furrow costs	\$4,222	\$0.10
Scouting costs	\$292,353	\$6.72
Eradication costs	\$307,597	\$7.07
Transgenic cotton	\$481,381	\$11.06
Total Costs	\$1,583,125	\$36.37
Yield Lost to insects	\$686,187	\$15.76
Total Losses + Costs	\$2,269,313	\$52.14