

Table 19

New Mexico

Cotton Insect Losses 2011

Pest	acres infested	acres treated	#apps/ acre	#apps/ tot	cost/ acre	% Reduction	Bales Lost
			trtd	acres			
Boll Weevil	0	0	0	0.000	\$0.00	0.000%	0
Bollworm/Budworm	6,460	3,400	1	0.050	\$0.50	0.001%	2
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	6,120	952	1	0.014	\$0.14	0.001%	1
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	10,879	2,040	0	0.000	\$0.00	0.004%	6
Beet Armyworm	7,480	2,040	1	0.030	\$0.08	0.001%	2
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	1,360	340	0	0.000	\$0.00	0.000%	0
Grasshoppers	10,879	1,360	1	0.020	\$0.44	0.008%	13
Saltmarsh Caterpillars	340	0	0	0.000	\$0.00	0.000%	0
Aphids	2,720	680	0	0.000	\$0.00	0.000%	0
Banded Winged Whitefly	2,720	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	0	0	0	0.000	\$0.00	0.000%	0
				0.114	\$1.16	0.015%	25

Yield & Management Results	
Total Acres	67,996
Total bales Harvested	144,916
yield (lbs/acre)	1,023
Total bales Lost to Insects	25
Percent Yield Loss	0.02%
Yield w/o Insects (lbs/ac)	1,023
Ave. # Spray Applications	0.114
Bales lost all factors	19,603
% yield loss all factors	11.9%

Economic Results			
	Total	Per Acre	
Foliar Insecticides Costs	\$78,535	\$1.16	
At Planting Costs	\$126,473	\$1.86	
In-furrow costs	\$119,945	\$1.76	
Scouting costs	\$290,683	\$4.28	
Eradication costs	\$531,298	\$7.81	
Transgenic cotton	\$638,190	\$9.39	
Total Costs	\$1,785,123	\$26.25	
Yield Lost to insects	\$10,688	\$0.16	
Total Losses + Costs	\$1,795,812	\$26.41	
BW erad	\$5.95	PBW erad	\$6.98

