

Table 19

## New Mexico Summary

Cotton Insect losses 2015

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Bollworm/Budworm	30,389	1,266	1	0.03	\$0.32	0.648%	613
Beet Armyworm	2,954	0	0	0.00	\$0.00	0.000%	0
Fall Armyworm	422	422	1	0.01	\$0.11	0.000%	0
Loopers	422	0	0	0.00	\$0.00	0.000%	0
Cutworms	42	0	0	0.00	\$0.00	0.000%	0
Cotton Leafperforator	0	0	0	0.00	\$0.00	0.000%	0
Saltmarsh Caterpillar	0	0	0	0.00	\$0.00	0.000%	0
Verde Plant Bugs	0	0	0	0.00	\$0.00	0.000%	0
Cotton Fleahopper	2,532	422	1	0.01	\$0.11	0.000%	0
Lygus	10,974	4,643	1	0.11	\$1.34	0.416%	394
Stink Bugs	3,377	1,688	1	0.04	\$0.40	0.152%	144
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 Bugs	0	0	0	0.00	\$0.00	0.000%	0
Leaf footed bugs	0	0	0	0.00	\$0.00	0.000%	0
Spider Mites	0	0	0	0.00	\$0.00	0.000%	0
Thrips	28,279	16,039	1	0.00	\$2.62	0.000%	0
Aphids	1,688	675	1	0.00	\$0.17	0.000%	0
Grasshoppers	2,532	591	1	0.00	\$0.14	0.120%	114
Banded Winged Whitefly	0	0	0	0.00	\$0.00	0.000%	0
Silverleaf Whitefly	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 Beetles	0	0	0	0.00	\$0.00	0.000%	0
Mealybugs	0	0	0	0.00	\$0.00	0.000%	0
Crickets	0	0	0	0.00	\$0.00	0.000%	0
Boll Weevils	0	0	0	0.00	\$0.00	0.000%	0
				0.61	\$5.20	1.336%	1,264

Yield & Management Results	
Total Acres	42,207
Total bales Harvested	77,731
yield (lbs/acre)	884
Total bales Lost to Insects	1,264
Percent Yield Loss	1.34%
Yield w/o Insects (lbs/ac)	896
Ave. # Spray Applications	0.61
Bales lost all factors	16,874
% yield loss all factors	17.84%

Economic Results		Total	Per Acre
Foliar Insecticides Costs		\$219,567	\$5.20
At Planting Costs		\$262,916	\$6.23
In-furrow costs		\$4,094	\$0.10
Scouting costs		\$283,488	\$6.72
Eradication costs		\$298,268	\$7.07
Transgenic cotton		\$466,783	\$11.06
Total Costs		\$1,535,115	\$36.37
Yield Lost to insects		\$461,082	\$10.92
Total Losses + Costs		\$1,996,198	\$47.30