

Table 10b

Arizona nonBt

Corron Insect Losses 2011

Pest	Acres Infested	acres treated	#apps/ acre trtd	#apps/ tot		cost/ acre	%red	Bales lost
				acres	acres			
Boll Weevil	0	0	0.0	0.00	\$0.00	0.00%	0	
Bollworm/Budworm	2,011	807	0.5	0.07	\$1.50	0.05%	8	
Pink Bollworm	0	0	0.0	0.00	\$0.00	0.00%	0	
Cotton Fleahopper	1,770	0	0.0	0.00	\$0.00	0.00%	0	
Lygus	3,697	1,288	1.0	0.24	\$5.43	0.27%	48	
Cotton Leaf Perforator	0	0	0.0	0.00	\$0.00	0.00%	0	
Spider Mites	1,048	807	1.0	0.15	\$4.80	0.12%	22	
Thrips	5,142	0	0.0	0.00	\$0.00	0.00%	0	
Beet Armyworm	1,048	807	0.5	0.07	\$0.75	0.02%	4	
Fall Armyworm	241	0	0.0	0.00	\$0.00	0.00%	0	
European Cornborer	0	0	0.0	0.00	\$0.00	0.00%	0	
Stink Bugs	2,011	807	1.0	0.15	\$2.92	0.06%	10	
Grasshoppers	0	0	0.0	0.00	\$0.00	0.00%	0	
Saltmarsh Caterpillars	241	0	0.0	0.00	\$0.00	0.00%	0	
Aphids	963	0	0.0	0.00	\$0.00	0.00%	0	
Banded Winged Whitefly	241	0	0.0	0.00	\$0.00	0.00%	0	
Silverleaf Whitefly (Bemesia)	1,288	1,288	1.0	0.24	\$6.18	0.08%	14	
Loopers	0	0	0.0	0.00	\$0.00	0.00%	0	
Southern Armyworms	0	0	0.0	0.00	\$0.00	0.00%	0	
Cutworms	0	0	0.0	0.00	\$0.00	0.00%	0	
Clouded Plant bugs	0	0	0.0	0.00	\$0.00	0.00%	0	
Darkling Beetles	241	0	0.0	0.00	\$0.00	0.00%	0	
Bagrada bug	0	0	0.0	0.00	\$0.00	0.00%	0	
Bean thrips	0	0	0.0	0.00	\$0.00	0.00%	0	
Mealy bugs	0	0	0.0	0.00	\$0.00	0.00%	0	
Pale-sided Flea Beetles	807	0	0.0	0.00	\$0.00	0.01%	2	
				0.93	\$21.58	0.62%	108	

**Yield & Management Results**

Total Acres	5,382
Total bales Harvested	14,479
Yield (lbs/acre)	1,291
Total bales Lost to Insects	108
Percent Yield Loss	0.62%
Yield w/o Insects (lbs/ac)	1,299
Ave. # Spray Applications	0.93
yield loss to all factors	2,995
% yield loss all factors	17.1%

**Economic Results**

	Total	Per Acre
Foliar Insecticides Costs	\$116,136	\$21.58
At Planting Costs	\$4,816	\$0.89
In-furrow costs	\$0	\$0.00
Scouting costs	\$20,891	\$3.88
Eradication costs	\$76,698	\$14.25
Transgenic cotton	\$0	\$0.00
Total Costs	\$218,542	\$40.60
Yield Lost to insects	\$48,541	\$9.02
Total Losses + Costs	\$267,083	\$49.62

All data in this Table are preliminary

Official Arizona Losses may be seen on the Arizona WEB <http://cals.arizona.edu/crops/insects/cil/cil.html>

PBW erad \$12.16 BW erad \$2.09