

Supplemental Table 7. Average Pesticide Pounds Applied per Acre of Conventional, Herbicide-Tolerant (HT), and *Bt* Varieties and Estimated Differences in Pesticides Applied per Acre, 1996 - 2008.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	<i>Conventional Corn (pounds active ingredient [a.i.]</i>												
Herbicides Applied per Acre	2.67	2.67	2.54	2.46	2.14	2.28	1.92	2.06	2.06	2.06	2.07	2.05	2.02
Insecticides per Acre for ECB Control	0.20	0.25	0.22	0.19	0.18	0.14	0.12	0.17	0.16	0.15	0.15	0.15	0.15
Insecticides per Acre for CRW Control	0.68	0.69	0.56	0.51	0.46	0.35	0.26	0.29	0.24	0.19	0.19	0.19	0.19
	<i>HT Corn (pounds a.i.)</i>												
Herbicides Applied per Acre	1.88	1.72	1.74	1.81	1.75	1.83	1.70	1.93	2.00	2.05	2.15	2.22	2.27
	<i>Change in Pesticide Use per Acre of GE Corn (pounds a.i.)</i>												
Herbicides Applied per Acre	-0.79	-0.95	-0.80	-0.65	-0.39	-0.45	-0.22	-0.13	-0.06	-0.01	0.08	0.18	0.25
Insecticide per Acre <i>Bt</i> Corn for ECB	-	-0.23	-0.16	-0.12	-0.11	-0.09	-0.07	-0.09	-0.08	-0.07	-0.07	-0.07	-0.07
Insecticide per Acre <i>Bt</i> Corn for CRW	-	-	-	-	-	-	-	-0.28	-0.22	-0.15	-0.14	-0.12	-0.11
	<i>Conventional Soybeans (pounds a.i.)</i>												
Herbicides Applied per Acre	1.19	1.22	1.13	0.84	0.90	0.73	0.88	0.97	0.80	0.59	0.70	0.52	0.49
	<i>HT Soybeans (pounds a.i.)</i>												
Herbicides Applied per Acre	0.89	0.99	1.20	1.20	1.18	1.07	1.31	1.32	1.22	1.25	1.50	1.58	1.65
	<i>Change in Herbicide Use per HT Soybean Acre (pounds a.i.)</i>												
Herbicides Applied per Acre	-0.30	-0.23	0.07	0.36	0.28	0.34	0.42	0.34	0.41	0.66	0.80	1.06	1.16
	<i>Conventional Cotton (pounds a.i.)</i>												
Herbicides Applied per Acre	1.88	2.13	1.97	2.03	1.92	1.45	1.67	1.74	1.71	1.63	1.87	2.06	2.07
Insecticides Applied per Acre	0.33	0.42	0.38	0.45	0.43	0.38	0.39	0.40	0.42	0.40	0.43	0.47	0.47
	<i>HT Cotton (pounds a.i.)</i>												
Herbicides Applied per Acre	1.13	1.34	1.62	1.69	1.79	1.72	1.90	2.08	2.12	2.17	2.38	2.59	2.72
	<i>Change in Pesticide Use per Acre of GE Cotton (pounds a.i.)</i>												
Herbicides Applied per Acre	-0.75	-0.79	-0.35	-0.34	-0.13	0.27	0.23	0.34	0.41	0.54	0.50	0.53	0.65
Insecticides Applied per Acre	-0.33	-0.42	-0.38	-0.45	-0.43	-0.38	-0.39	-0.40	-0.42	-0.40	-0.43	-0.47	-0.47

Source: All estimates based on pesticide use data reported by the National Agricultural Statistics Service (NASS).