



LITERATURE SURVEY: effects of genetically engineered crops on yields, pesticide use and returns

References	Location	Year	Yield	Pesticide use	Returns
Herbicide-tolerant soybeans					
12	19 US States	92 - 94	→	- ¹⁾	-
26	USA	96	→	↓	↑
24	USA	96	↑	↓	-
6	Minnesota,	97	→	-	-
8	USA	98	↓	-	-
28	Tennessee	94, 95	↑	↓	-
23	Manhattan, Kansas	98	→↓	-	-
5, 30	9 US States	98	↓	-	↓
9	USA	95, 98	-	↓	-
2	USA	96	↑	-	-
36	USA	96-98	-	↓	-
32	Tennessee	95 - 97	-	-	↑
39	Arkansas	96, 97	-	-	→↓
4	Mississippi	97	↑	-	↑
Herbicide-tolerant cotton					
37	Giorgia	95	→	-	-
1	Texas, Mid South	96	→ ↑	-	-
11	North Carolina	96, 97	→	↓	→
27	Giorgia	98	→	-	-
38	North Carolina, South Carolina	98	→ ↑	-	-



References	Location	Year	Yield	Pesticide use	Returns
Herbicide-tolerant corn					
16, 17	USA	96	↑	↓	→
Herbicide-tolerant canola					
24	Canada	96	↑	↓	
18	Canada	99	→ ↓	↓	↓
13	Canada	-	↑ ↓	-	-
Bt potato					
24	USA	96	↑	-	-
Bt cotton					
1	Texas, Mid South	96	→ ↑	-	-
20	Mississippi	95, 96	↑	-	↑
24	USA	96	↑	↓	↑
26	4 US States	97	↑	↓	↑
31	South Carolina	96	→	-	↑
34	Georgia	96	↑	↓	↑
7	4 US States	96	↑	↓	↑
14	Tennessee	94 - 96	-	-	↑ ^{*)} 1995 ↓ ^{**) 1994, 1996}
8	USA	96 - 98	↑	↓	-
15	USA	96 - 98	↑	↓	↑
21	Mexico	98	↑	-	-
25	Mississippi	98	-	↓↑	-
27	Georgia	98	↓	-	-
29	Spain	98	↑	↓	-
35	Texas	98	→	-	-
40	Anyang, China	94 - 98	-	↓	-



References	Location	Year	Yield	Pesticide use	Returns
Bt corn					
3	Minnesota	88 - 95	-	-	↑
24	USA	96	↑	-	-
26	USA	96	↑	↓	↑
8, 19	-	96 - 98	↑	↓	↑ ¹⁾ 1997 ↓ ^{**)} 1998
10	Arkansas	98	↑	-	→
22	USA	97	-	↓	-
13	Iowa	98	-	↓	→

¹⁾ data not available ^{*)} high infestation level ^{**)} low infestation level

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