

On-farm Practice for Food Safety	Fruits and Nuts									Vegetables and Melons								
	N	Effect of Organic Status				Effect of Farm Size				N	Effect of Organic Status				Effect of Farm Size			
		β	χ^2	<i>P</i>	<i>P</i> *	β	χ^2	<i>P</i>	<i>P</i> *		β	χ^2	<i>P</i>	<i>P</i> *	β	χ^2	<i>P</i>	<i>P</i> *
Planted low-risk crops or fallowed land	282	-0.01	0.00	0.97	0.99	1.10	8.30	<0.01	0.03	75	-0.69	1.71	0.19	0.38	0.08	0.02	0.89	0.94
Removed vegetation from ditches or farm pond	292	0.15	0.26	0.61	0.76	0.63	6.51	0.01	0.05	75	0.55	1.12	0.29	0.48	0.90	2.86	0.09	0.23
Stopped use, drained, or filled ditch or farm pond	283	-0.10	0.05	0.83	0.91	0.53	1.74	0.19	0.37	74	-0.20	0.09	0.76	0.90	1.08	2.05	0.15	0.32
Treated irrigation water	284	0.04	0.01	0.91	0.95	0.85	5.78	0.02	0.07	74	0.44	0.56	0.46	0.62	1.55	4.79	0.03	0.12
Wildlife fences	289	0.37	1.29	0.26	0.45	0.41	2.16	0.14	0.31	76	0.87	2.94	0.09	0.23	0.82	2.49	0.11	0.26
Falconers or owl boxes	294	0.68	5.86	0.02	0.07	0.53	4.95	0.03	0.11	76	0.85	2.67	0.10	0.25	0.17	0.09	0.76	0.90
Depredation (removed pest animals)	289	0.21	0.55	0.46	0.62	0.28	1.41	0.24	0.43	75	1.11	4.38	0.04	0.13	1.17	4.70	0.03	0.12
Nonpoison traps	298	0.44	2.51	0.11	0.26	0.19	0.66	0.42	0.60	78	0.93	2.49	0.11	0.26	1.49	7.57	0.01	0.04
Poison bait	306	-0.22	0.65	0.42	0.60	0.63	7.38	0.01	0.04	79	0.13	0.05	0.82	0.91	2.31	14.47	<0.01	<0.01
Copper sulfate	293	-0.54	2.40	0.12	0.27	1.15	17.18	<0.01	<0.01	75	-	-	-	-	-	-	-	-
Cleared vegetation to create or expand buffers	301	0.01	0.00	0.97	0.99	-0.21	0.76	0.38	0.57	78	0.59	1.45	0.23	0.43	0.07	0.02	0.89	0.94

Table S1. Effects of organic/conventional status and farm size on the likelihood of using practices on farm because of a food safety concern. Too few vegetable and melon growers reported using copper sulfate to model the effect of organic status or farm size. β = model coefficient; χ^2 = chi-square statistic from likelihood ratio test; *P*= raw p-value; *P**= multiple test adjusted p-value.

On-farm Practice for Conservation	Fruits and Nuts									Vegetables and Melons								
	N	Effect of Organic Status				Effect of Farm Size				N	Effect of Organic Status				Effect of Farm Size			
		β	χ^2	<i>P</i>	<i>P</i> *	β	χ^2	<i>P</i>	<i>P</i> *		β	χ^2	<i>P</i>	<i>P</i> *	β	χ^2	<i>P</i>	<i>P</i> *
Bird nest boxes	300	0.53	3.61	0.06	0.18	0.38	2.58	0.11	0.26	74	0.71	1.40	0.24	0.43	-0.14	0.04	0.84	0.91
Constructed wetland	286	0.13	0.06	0.80	0.91	0.55	1.37	0.24	0.43	72	-	-	-	-	-	-	-	-
Release of biocontrol agents	293	0.82	6.80	<0.01	0.04	1.30	23.40	<0.01	<0.01	75	1.61	8.68	<0.01	0.02	1.31	4.42	0.04	0.13
Native bee nest boxes	288	0.74	4.42	0.04	0.13	-0.13	0.15	0.70	0.85	75	1.15	2.99	0.08	0.23	-1.72	6.91	0.01	0.04
Beetle banks	280	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	-
Integrated Pest Management (IPM)	305	-0.01	0.00	0.99	0.99	1.13	17.72	<0.01	<0.01	80	1.58	3.62	0.06	0.18	2.70	13.99	<0.01	<0.01
Flower or native plant strips to attract natural pest predators	289	1.28	17.56	<0.01	<0.01	0.24	0.75	0.39	0.57	75	1.97	13.84	<0.01	<0.01	-0.60	1.13	0.29	0.48
Flower or native plant strips for native pollinators	291	1.23	16.12	<0.01	<0.01	0.32	1.45	0.23	0.43	74	1.50	7.42	0.01	0.04	-1.50	7.42	0.01	0.04
Hedgerow or windbreak	293	0.51	2.63	0.11	0.25	0.52	3.57	0.06	0.18	73	1.08	4.11	0.04	0.15	0.13	0.05	0.83	0.91
Grassed waterways or roads	290	0.44	1.88	0.17	0.35	0.28	0.94	0.33	0.53	74	-0.26	0.16	0.69	0.85	-0.44	0.48	0.49	0.66
Riparian/stream bank restoration	286	-0.20	0.27	0.61	0.76	0.52	2.72	0.10	0.25	74	-0.14	0.04	0.83	0.91	-0.58	0.78	0.38	0.57
Sediment or stormwater basin	290	0.27	0.68	0.41	0.60	0.98	11.91	<0.01	0.01	74	0.51	0.84	0.36	0.56	2.06	11.56	<0.01	0.01
Tailwater recovery ponds	285	-0.08	0.05	0.83	0.91	1.07	10.89	<0.01	0.01	74	0.12	0.05	0.83	0.91	2.22	11.55	<0.01	0.01
Vegetated filter or buffer strips	285	0.54	2.86	0.09	0.23	0.51	3.34	0.07	0.21	74	-0.67	1.53	0.22	0.41	0.37	0.44	0.51	0.67
Vegetated treatment system	281	0.76	2.12	0.15	0.31	-0.08	0.03	0.87	0.94	73	-	-	-	-	-	-	-	-
No-till agriculture	298	-0.29	1.05	0.31	0.50	0.41	3.09	0.08	0.23	75	0.35	0.34	0.56	0.74	-0.51	0.64	0.42	0.60
Cover cropping	297	0.96	10.70	<0.01	0.01	0.42	2.89	0.09	0.23	77	0.30	0.31	0.58	0.75	-0.20	0.14	0.71	0.85
Crop rotation	290	1.19	13.17	<0.01	<0.01	1.43	24.14	<0.01	<0.01	78								
Physically heat treated soil amendments containing animal manure	290	1.29	14.43	<0.01	<0.01	1.53	22.61	<0.01	<0.01	75	0.06	0.01	0.92	0.95	0.33	0.28	0.60	0.76
Fully composted, not physically heat treated, soil amendments containing animal manure or animal products	292	0.57	3.31	0.07	0.21	0.39	1.98	0.16	0.33	75	0.69	1.27	0.26	0.45	-1.51	4.72	0.03	0.12
Raw Manure, green waste or other non-composted soil amendment containing animal products	287	-1.28	3.92	0.05	0.16	0.43	0.98	0.32	0.52	72	-	-	-	-	-	-	-	-

Table S2. Effects of organic/conventional status and farm size on the likelihood of using conservation practices on farm. For rows in which model parameters are not reported, either too few growers reported using the practice (e.g. beetle banks), or too few reported *not* using the practice (e.g. crop rotation), to model the effect of organic status or farm size; see Table S4. β = model coefficient; χ^2 = chi-square statistic from likelihood ratio test; *P*= raw p-value; *P**= multiple test adjusted p-value.

