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| **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** | **χ2** | ***P*** | ***P\**** | **β** | **χ2** | ***P*** | ***P\**** | **β** | **χ2** | ***P*** | ***P\**** | **β** | **χ2** | ***P*** | ***P\**** |
| 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; χ2= chi-square statistic from likelihood ratio test; P= raw p-value; P\*= multiple test adjusted p-value. |