**Southeast US Bird-Grower Survey**

This survey is intended to gauge both growers' attitudes towards birds and the bird prevention methods commonly used by growers in the southeast United States. Your answers to this survey are highly valued and will be used to develop educational materials for growers about birds and bird prevention strategies on farms. This survey should take no more than 15 minutes to complete.

1. How many total acres of farmland do you manage? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. List all of the states in which your farmland is located. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What kind of production method do you use?

|  |  |  |
| --- | --- | --- |
| Organic | Conventional | Mix of organic and conventional |

1. Select all of the crops you have produced on your farm in the last 2 years.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Fruit** |  | **Vegetable** |  | **Cucurbit** |  | **Greens** |  | **Other** |
| ◻ | Apple | ◻ | Bean | ◻ | Cantaloupe | ◻ | Broccoli | ◻ | Grape/Muscadine |
| ◻ | Peach | ◻ | Corn | ◻ | Cucumber | ◻ | Cabbage | ◻ | Peanut |
| ◻ | Blueberry | ◻ | Eggplant | ◻ | Pumpkin | ◻ | Leafy greens | ◻ | Pecan |
| ◻ | Strawberry | ◻ | Okra | ◻ | Squash |  |  | ◻ | Soybean |
| ◻ | Blackberry | ◻ | Pepper | ◻ | Watermelon |  |  |  |  |
| ◻ | Raspberry | ◻ | Tomato |  |  |  |  |  |  |
|  |  | ◻ | Zucchini |  |  |  |  |  |  |
| Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | |

1. List the kind and average number of individuals of any livestock herd you’ve kept on your farm in the past 2 years. If you’ve kept chickens, please indicate if they were indoor or outdoor.

|  |  |  |  |
| --- | --- | --- | --- |
| **Livestock** | **# Ind.** | **Livestock** | **# Ind.** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. What kind of birds do you observe most often on your farm?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ◻ | Raptors (e.g., hawks, vultures) | ◻ | Doves/pigeons | ◻ | Hummingbirds |
| ◻ | Corvids (e.g., crows) | ◻ | Woodpeckers | ◻ | Waterfowl (e.g., ducks, geese) |
| ◻ | Songbirds (e.g., bluebirds, cardinals) | ◻ | Flycatchers | ◻ | Shorebirds (e.g., egrets, killdeer) |
| Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |

1. What is your relationship to bird management on your farm?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Encourage birds strongly | Encourage birds a little | Neither encourage nor discourage | Discourage birds a little | Discourage birds strongly |

1. Please list any birds you consider beneficial to production. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How concerned about you about birds as a food safety hazard to your produce?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Not at all concerned | A little concerned | Moderately concerned | Very concerned | Extremely concerned |

1. Select which season(s) you are most concerned about birds as a food safety hazard to produce.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fall | Winter | Spring | Summer | No season in particular |

1. Select the preventative measures you take to discourage birds on your farm and rate how effective you think each method is.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ◻ | I don’t use any preventative measures | | | | | |
|  | **Measure** | **Not at all effective** | **Slightly effective** | **Moderately effective** | **Very effective** | **Extremely effective** |
| ◻ | Netting |  |  |  |  |  |
| ◻ | Decoys |  |  |  |  |  |
| ◻ | Natural birds/predator noises |  |  |  |  |  |
| ◻ | Ultrasonic devices |  |  |  |  |  |
| ◻ | Air cannons |  |  |  |  |  |
| ◻ | Reflective tape/surface |  |  |  |  |  |
| ◻ | Spikes |  |  |  |  |  |
| ◻ | Remove habitat (hedge, water, etc.) |  |  |  |  |  |
| ◻ | Lethal control (poison, shooting, etc.) |  |  |  |  |  |
| ◻ |  |  |  |  |  |  |
| ◻ |  |  |  |  |  |  |

1. Which birds in particular are you trying to discourage with these measures? *If you don’t use any preventative measures, please leave blank.*

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1. Estimate how much money, on average, you spend on bird prevention methods annually. *If you don’t use any preventative measures, please leave blank.* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_