Introduction

Hello and thank you for completing this survey.

- **Estimated completion time: 10 minutes.**
- **Intended participants: farmers and ranchers in the state of Utah.**
- **Purpose: improve Utah's agricultural incentive programs.**
- **At the end of the survey, you will have the option to enter yourself into a drawing for a $100 gift card.**

Additional information about the survey and researchers is available by clicking HERE

Farm Info

What size were your farming and/or ranching operations in the year 2019?

- For crops, estimate the field sizes and type that were planted in 2019 (i.e. 200 acres of wheat, 25 acres of corn, etc.)
- For livestock, estimate the number of each animal (i.e. 500 cattle, 200 sheep, etc.)

Which county/counties are your operations in?

Please select any of the following characteristics that describe you or your operation:

(Please select all that apply)

You are a new or beginning farmer or rancher

Your operation is a family farm/ranch

Your operation has been within your family for multiple generations

Your operation hires laborers (including part time or seasonally)

Your operation is a corporation

None of the above

For the purpose of this survey, **"agricultural stewardship"** is defined as follows:

"Managing natural resources (such as soil, water, nutrients, landscapes, etc.) with techniques that allow farmers/ranchers to meet society's current food and material needs without hurting the ability of future generations to meet their own needs."

With this definition in mind, please indicate your agreement with the following statement:

"I consider my current farming/ranching methods to be in line with agricultural stewardship."

Strongly agree

Agree

Somewhat agree

Neither agree nor disagree

Somewhat disagree

Disagree

Strongly disagree

Is your operation primarily based on crops, primarily based on livestock, or a mixture of the two?

My operation is primarily crop-based

My operation is primarily livestock-based

My operation is a mix of crops and livestock

Below is a list of 13 agricultural stewardship practices related to crops. Please drag each practice into the box that describes its current implementation on your farm. **If you are unsure what a practice refers to, do not put it in any box.**

- Already implementing = the practice is already implemented on your farm.
- Would consider implementing = the practice is not implemented on your farm, but you would consider implementing it on your farm
- Would NOT consider implementing = the practice is not implemented on your farm, and you would NOT consider implementing it on your farm
- Does not apply to my operation = the practice is not applicable to your farm

Items

Agroforestry
(growing trees around or among crops)

Cover crops
(crops planted to cover bare soil)

Integrated pest management
(replacing pesticide use with other means such as "good" insects)

Intercropping
(multiple crops grown in the same field)

Precision fertilizer application

Precision irrigation

Reduced/no tillage

Riparian buffer strips
(non-crop vegetation between crops and streams)

Rotating crops

Selling directly to consumers

Strip cropping
(planting crops which follow the contour of the land)

Already implementing	Would consider implementing

Would NOT consider implementing	Does not apply to my operation

Trap crops
(secondary crops to attract pests away from primary crops)

Wildlife habitat management
(managing lands with the needs of wildlife in mind)

Below is a list of 9 agricultural stewardship practices related to livestock. Please drag each practice into the box that describes its current implementation on your farm. **If you are unsure what a practice refers to, do not put it in any box.**

- Already implementing = the practice is already implemented on your farm.
- Would consider implementing = the practice is not implemented on your farm, but you would consider implementing it on your farm
- Would NOT consider implementing = the practice is not implemented on your farm, and you would NOT consider implementing it on your farm
- Does not apply to my operation = the practice is not applicable to your farm

Items

Manure recycling

Natural calving season
(livestock births match timing of deer/elk etc. in your area)

Precision irrigation

Riparian buffer strips
(non-crop vegetation between crops and streams)

Rotational/controlled grazing
(moving grazing areas periodically)

Selling directly to consumers

Wildlife habitat management

Winter grazing

Already implementing	Would consider implementing

Would NOT consider implementing	Does not apply to my operation

How important do you feel it is to implement the stewardship practices from the previous questions if they are not being implemented?

Not At All Important						Somewhat Important		Extremely Important		
0	1	2	3	4	5	6	7	8	9	10

Please explain your above answer:

Sorted into "Already Implementing"

You will now be asked questions about **three practices** that you sorted in the previous questions.

First, you will be asked two questions about the following practice that you sorted into the "Already Implementing" box:

(Note: If no practices were placed in the "Already Implementing" box, you will not be asked these two questions.)

Agroforestry

Cover Crops

Crop/Product Diversity

Integrated Pest Management

Intercropping

Precision Fertilizer Application

Precision Irrigation

Reduced/No Tillage

Riparian Buffer Strips

Rotating Crops

Selling Directly to Consumers

Strip Cropping

Trap Crops to Attract Pests

Wildlife Habitat Management

Livestock/product diversity

Manure Recycling

Natural Calving Season

Range Composting

Rotational/Controlled Grazing

Winter Grazing

Questions: "Already Implementing"

When answering the questions on this page, please do so about **agroforestry**

What factors contributed to the decision to implement agroforestry?

(Please select all that apply)

Already possessed the required equipment

Already implemented when I received the farm/ranch

Expected impact on operation productivity

Expected impact on product value

Incentives

Long-term sustainability

Low implementation cost

Personal experience with the practice

Practice ease/simplicity

Recommendation from another farmer/rancher

Unaware of alternative practices

None of the above

Other

What effects do you feel agroforestry has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
	0	1	2	3	4	5	6	7	8	9	10
Crop or Livestock Health											5
Crop or Livestock Productivity											5
Crop or Livestock Values											5
Day-to-Day Operation Costs											5
Operation Ease and Simplicity											5
Operation Profitability											5

When answering the questions on this page, please do so about **cover crops**

What factors contributed to the decision to implement cover crops?

(Please select all that apply)

- Already possessed the required equipment
- Already implemented when I received the farm/ranch
- Expected impact on operation productivity
- Expected impact on product value
- Incentives
- Long-term sustainability
- Low implementation cost
- Personal experience with the practice
- Practice ease/simplicity
- Recommendation from another farmer/rancher
- Unaware of alternative practices

» None of the above

» Other

What effects do you feel cover crops have had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **crop/product diversity**

What factors contributed to the decision to implement crop/product diversity?

(Please select all that apply)

» Already possessed the required equipment

» Already implemented when I received the farm/ranch

» Expected impact on operation productivity

» Expected impact on product value

» Incentives

» Long-term sustainability

» Low implementation cost
» Personal experience with the practice
» Practice ease/simplicity
» Recommendation from another farmer/rancher
» Unaware of alternative practices
» None of the above
» Other

What effects do you feel crop/product diversity has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **integrated pest management**:

What factors contributed to the decision to implement integrated pest management?

(Please select all that apply)

» Already possessed the required equipment

- Already implemented when I received the farm/ranch
- Expected impact on operation productivity
- Expected impact on product value
- Incentives
- Long-term sustainability
- Low implementation cost
- Personal experience with the practice
- Practice ease/simplicity
- Recommendation from another farmer/rancher
- Unaware of alternative practices
- None of the above
- Other

What effects do you feel integrated pest management has had on the following aspects of your operation?

	Greatly Decreased 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increased 10
Crop or Livestock Health											5
Crop or Livestock Productivity											5
Crop or Livestock Values											5
Day-to-Day Operation Costs											5
Operation Ease and Simplicity											5
Operation Profitability											5

When answering the questions on this page, please do so about **intercropping**

What factors contributed to the decision to implement intercropping?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel intercropping has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5

	Greatly Decreased				No Effect						Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **precision fertilizer application**

What factors contributed to the decision to implement precision fertilizer application?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel precision fertilizer application has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **precision irrigation**

What factors contributed to the decision to implement precision irrigation?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices

» None of the above

» Other

What effects do you feel precision irrigation has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **reduced/no tillage**

What factors contributed to the decision to implement reduced/no tillage?

(Please select all that apply)

» Already possessed the required equipment

» Already implemented when I received the farm/ranch

» Expected impact on operation productivity

» Expected impact on product value

» Incentives

» Long-term sustainability

» Low implementation cost
» Personal experience with the practice
» Practice ease/simplicity
» Recommendation from another farmer/rancher
» Unaware of alternative practices
» None of the above
» Other

What effects do you feel reduced/no tillage has had on the following aspects of your operation?

	Greatly Decreased 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increased 10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **riparian buffer strips**

What factors contributed to the decision to implement riparian buffer strips?

(Please select all that apply)

» Already possessed the required equipment

- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel riparian buffer strips have had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about

rotating crops

What factors contributed to the decision to implement rotating crops?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel rotating crops has had on the following aspects of your operation?

	Greatly Decreased 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increased 10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **selling directly to consumers**

What factors contributed to the decision to sell directly to consumers?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above

» Other

What effects do you feel selling directly to consumers has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased

	0 Greatly Decreased	1	2	3	4	5 No Effect	6	7	8	9	10 Greatly Increased
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **strip cropping**

What factors contributed to the decision to implement strip cropping?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above

» Other

What effects do you feel strip cropping has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **trap crops**

What factors contributed to the decision to implement trap crops?

(Please select all that apply)

» Already possessed the required equipment
» Already implemented when I received the farm/ranch
» Expected impact on operation productivity
» Expected impact on product value
» Incentives
» Long-term sustainability
» Low implementation cost

- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel trap crops have had on the following aspects of your operation?

	Greatly Decreased 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increased 10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about
wildlife habitat management

What factors contributed to the decision to implement wildlife habitat management?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity

- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel wildlife habitat management has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **livestock/product diversity**

What factors contributed to the decision to implement livestock/product diversity?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel livestock/product diversity has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											
» Crop or Livestock Productivity											
» Crop or Livestock Values											
» Day-to-Day Operation Costs											
» Operation Ease and Simplicity											

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											

When answering the questions on this page, please do so about **manure recycling**

What factors contributed to the decision to implement manure recycling?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel manure recycling has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10

	Greatly Decreased				No Effect						Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **natural calving seasons**

What factors contributed to the decision to implement a natural calving season?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above

» Other

What effects do you feel a natural calving season has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **range composting**

What factors contributed to the decision to implement range composting?

(Please select all that apply)

» Already possessed the required equipment
» Already implemented when I received the farm/ranch
» Expected impact on operation productivity
» Expected impact on product value
» Incentives
» Long-term sustainability
» Low implementation cost

» Personal experience with the practice
» Practice ease/simplicity
» Recommendation from another farmer/rancher
» Unaware of alternative practices
» None of the above
» Other

What effects do you feel range composting has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **rotational/controlled grazing**

What factors contributed to the decision to implement rotational/controlled grazing?

(Please select all that apply)

» Already possessed the required equipment
» Already implemented when I received the farm/ranch

- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel rotational/controlled grazing has had on the following aspects of your operation?

	Greatly Decreased					No Effect					Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5
» Operation Profitability											5

When answering the questions on this page, please do so about **winter grazing**

What factors contributed to the decision to implement winter grazing?

(Please select all that apply)

- » Already possessed the required equipment
- » Already implemented when I received the farm/ranch
- » Expected impact on operation productivity
- » Expected impact on product value
- » Incentives
- » Long-term sustainability
- » Low implementation cost
- » Personal experience with the practice
- » Practice ease/simplicity
- » Recommendation from another farmer/rancher
- » Unaware of alternative practices
- » None of the above
- » Other

What effects do you feel winter grazing has had on the following aspects of your operation?

	Greatly Decreased 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increased 10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Ease and Simplicity											5

	Greatly Decreased				No Effect						Greatly Increased
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Sorted into "Would Consider Implementing"

You will now be asked three questions about the following practice that you sorted into the "Would Consider Implementing" box:

(Note: If no practices were placed in the "Already Implementing" box, you will not be asked these three questions.)

Agroforestry

Cover Crops

Crop/Product Diversity

Integrated Pest Management

Intercropping

Precision Fertilizer Application

Precision Irrigation

Reduced/No Tillage

Riparian Buffer Strips

Rotating Crops

Selling Directly to Consumers

Strip Cropping

Trap Crops to Attract Pests

Wildlife Habitat Management

Livestock/product diversity

Manure Recycling

Natural Calving Season

Range Composting

Rotational/Controlled Grazing

Winter Grazing

Questions: "Would Consider Implementing"

When answering the questions on this page, please do so about **agroforestry**

What effect do you think implementing agroforestry would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
Crop or Livestock Health											5
Crop or Livestock Productivity											5
Crop or Livestock Values											5
Day-to-Day Operation Costs											5
Operation Complexity											5
Operation Profitability											5

Which of the following do you consider to be obstacles to implementing agroforestry?

(Please select all that apply)

Already invested in current techniques

Expected decrease in productivity or yields

Expected increase in operation complexity

Expected increase in upkeep labor or costs

Initial cost to begin implementing

Lack of expertise/experience

Lack of information about programs or incentives

Lack of required equipment

No need to implement it

None of the above

Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement agroforestry:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
Financial assistance											0
Scientific assistance or training											0
Equipment or technology assistance											0

When answering the questions on this page, please do so about

cover crops

What effect do you think implementing cover crops would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing cover crops?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement cover crops:

	Not At All Effective 0 1 2 3 4 5 6 7 8 9 10 Extremely Effective
» Financial assistance	0
» Scientific assistance or training	0
» Equipment or technology assistance	0

When answering the questions on this page, please do so about **crop/product diversity**

What effect do you think implementing crop/product diversity would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing crop/product diversity?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above

» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement crop/product diversity:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
integrated pest management

What effect do you think implementing integrated pest management would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing integrated pest management?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement integrated pest management:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **intercropping**

What effect do you think implementing intercropping would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing intercropping?

(Please select all that apply)

» Already invested in current techniques

» Expected decrease in productivity or yields

» Expected increase in operation complexity

» Expected increase in upkeep labor or costs
» Initial cost to begin implementing
» Lack of expertise/experience
» Lack of information about programs or incentives
» Lack of required equipment
» No need to implement it
» None of the above
» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement intercropping:

	Not At All Effective				Moderately Effective					Extremely Effective	
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
precision fertilizer application

What effect do you think implementing precision fertilizer application would have on the following aspects of production:

	Greatly Decrease				No Effect					Greatly Increase	
	0	1	2	3	4	5	6	7	8	9	10

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing precision fertilizer application?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement precision fertilizer application:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **precision irrigation**

What effect do you think implementing precision irrigation would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing precision irrigation?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement precision irrigation:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **reduced/no tillage**

What effect do you think implementing reduced/no tillage would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing reduced/no tillage?

(Please select all that apply)

» Already invested in current techniques

» Expected decrease in productivity or yields

- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement reduced/no tillage:

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
riparian buffer strips

What effect do you think implementing riparian buffer strips would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing riparian buffer strips?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement riparian buffer strips:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **rotating crops**

What effect do you think implementing rotating crops would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing rotating crops?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement rotating crops:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
selling directly to consumers

What effect do you think implementing selling directly to consumers would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to selling directly to consumers?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment

» No need to implement it

» None of the above

» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement selling directly to consumers:

	Not At All Effective 0	1	2	3	4	Moderately Effective 5	6	7	8	9	Extremely Effective 10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **strip cropping**

What effect do you think implementing strip cropping would have on the following aspects of production:

	Greatly Decrease 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increase 10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing strip cropping?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement strip cropping:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
trap crops to attract pests

What effect do you think implementing trap crops would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing trap crops?

(Please select all that apply)

» Already invested in current techniques
» Expected decrease in productivity or yields
» Expected increase in operation complexity
» Expected increase in upkeep labor or costs
» Initial cost to begin implementing
» Lack of expertise/experience
» Lack of information about programs or incentives
» Lack of required equipment
» No need to implement it
» None of the above
» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement trap crops:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
wildlife habitat management

What effect do you think implementing wildlife habitat management would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	Greatly Decrease 0	1	2	3	4	No Effect 5	6	7	8	9	Greatly Increase 10
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing wildlife habitat management?

(Please select all that apply)

» Already invested in current techniques
» Expected decrease in productivity or yields
» Expected increase in operation complexity
» Expected increase in upkeep labor or costs
» Initial cost to begin implementing
» Lack of expertise/experience
» Lack of information about programs or incentives
» Lack of required equipment
» No need to implement it
» None of the above
» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement wildlife habitat management:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **livestock/product diversity**

What effect do you think implementing livestock/product diversity would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing livestock/product diversity?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement livestock/product diversity:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **manure recycling**

What effect do you think implementing manure recycling would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing manure recycling?

(Please select all that apply)

» Already invested in current techniques

» Expected decrease in productivity or yields

- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement manure recycling:

	Not At All Effective 0 1 2 3 4 5 6 7 8 9 10 Extremely Effective
» Financial assistance	0
» Scientific assistance or training	0
» Equipment or technology assistance	0

When answering the questions on this page, please do so about **natural calving seasons**

What effect do you think implementing a natural calving season would have on the following aspects of production:

	Greatly Decrease 0 1 2 3 4 5 6 7 8 9 10 Greatly Increase

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing a natural calving season?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above

» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement a natural calving season:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
range composting

What effect do you think implementing range composting would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing range composting?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement range composting:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **rotational/controlled grazing**

What effect do you think implementing rotational/controlled grazing would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing rotational/controlled grazing?

(Please select all that apply)

» Already invested in current techniques

» Expected decrease in productivity or yields

- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement rotational/controlled grazing:

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **winter grazing**

What effect do you think implementing winter grazing would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing winter grazing?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement winter grazing:

	Not At All Effective 0	1	2	3	4	5	6	7	8	9	Extremely Effective 10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

Sorted into "Would NOT Consider Implementing"

You will now be asked three questions about the following practice that you sorted into the "Would NOT Consider Implementing" box:

(Note: If no practices were placed in the "Already Implementing" box, you will not be asked these three questions.)

Agroforestry

Cover Crops

Crop/Product Diversity

Integrated Pest Management

Intercropping

Precision Fertilizer Application

Precision Irrigation

Reduced/No Tillage

Riparian Buffer Strips

Rotating Crops

Selling Directly to Consumers

Strip Cropping

Trap Crops to Attract Pests

Wildlife Habitat Management

Livestock/product diversity

Manure Recycling

Natural Calving Season

Range Composting

Rotational/Controlled Grazing

Winter Grazing

Questions: "Would NOT Consider Implementing"

When answering the questions on this page, please do so about **agroforestry**

What effect do you think implementing agroforestry would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
Crop or Livestock Health											5
Crop or Livestock Productivity											5
Crop or Livestock Values											5
Day-to-Day Operation Costs											5
Operation Complexity											5
Operation Profitability											5

Which of the following do you consider to be obstacles to implementing agroforestry?

(Please select all that apply)

Already invested in current techniques

Expected decrease in productivity or yields

Expected increase in operation complexity

Expected increase in upkeep labor or costs

Initial cost to begin implementing

Lack of expertise/experience

Lack of information about programs or incentives

Lack of required equipment

No need to implement it

None of the above

Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement agroforestry:

	Not At All Effective				Moderately Effective					Extremely Effective	
	0	1	2	3	4	5	6	7	8	9	10
Financial assistance											0
Scientific assistance or training											0
Equipment or technology assistance											0

When answering the questions on this page, please do so about

cover crops

What effect do you think implementing cover crops would have on the following aspects of production:

	Greatly Decrease				No Effect					Greatly Increase	
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing cover crops?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement cover crops:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **crop/product diversity**

What effect do you think implementing crop/product diversity would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing crop/product diversity?

(Please select all that apply)

» Already invested in current techniques

» Expected decrease in productivity or yields

- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement crop/product diversity:

	Not At All Effective 0 1 2 3 4 5 6 7 8 9 10 Extremely Effective
» Financial assistance	0
» Scientific assistance or training	0
» Equipment or technology assistance	0

When answering the questions on this page, please do so about
integrated pest management

What effect do you think implementing integrated pest management would have on the following aspects of production:

	Greatly Decrease 0 1 2 3 4 5 6 7 8 9 10 Greatly Increase

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing integrated pest management?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above

» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement integrated pest management:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **intercropping**

What effect do you think implementing intercropping would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing intercropping?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement intercropping:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about
precision fertilizer application

What effect do you think implementing precision fertilizer application would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing precision fertilizer application?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives

» Lack of required equipment

» No need to implement it

» None of the above

» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement precision fertilizer application:

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **precision irrigation**

What effect do you think implementing precision irrigation would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing precision irrigation?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement precision irrigation:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **reduced/no tillage**

What effect do you think implementing reduced/no tillage would have on the following aspects of production:

	Greatly Decrease					No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing reduced/no tillage?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement reduced/no tillage:

	Not At All Effective					Moderately Effective					Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **riparian buffer strips**

What effect do you think implementing riparian buffer strips would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing riparian buffer strips?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above

» Other

Please use the sliders to indicate how effective each type of incentivization program would be in encouraging you to implement riparian buffer strips:

	Not At All Effective				Moderately Effective						Extremely Effective
	0	1	2	3	4	5	6	7	8	9	10
» Financial assistance											0
» Scientific assistance or training											0
» Equipment or technology assistance											0

When answering the questions on this page, please do so about **rotating crops**

What effect do you think implementing rotating crops would have on the following aspects of production:

	Greatly Decrease				No Effect						Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Crop or Livestock Health											5
» Crop or Livestock Productivity											5
» Crop or Livestock Values											5
» Day-to-Day Operation Costs											5
» Operation Complexity											5

	Greatly Decrease				No Effect					Greatly Increase
	0	1	2	3	4	5	6	7	8	9	10
» Operation Profitability											5

Which of the following do you consider to be obstacles to implementing rotating crops?

(Please select all that apply)

- » Already invested in current techniques
- » Expected decrease in productivity or yields
- » Expected increase in operation complexity
- » Expected increase in upkeep labor or costs
- » Initial cost to begin implementing
- » Lack of expertise/experience
- » Lack of information about programs or incentives
- » Lack of required equipment
- » No need to implement it
- » None of the above
- » Other