AgBiz Logic User Experience

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AgBiz Logic

- Program to aid users with
 - Risk management
 - Investment decisions
 - Planning for the future





http://www.prweb.com/releases/specialty/coffee/prweb1186204.htm



http://snakeriverranch.net/ranch-operation/



http://www.research-in-germany.org/en/research-funding/research-funding-system/government-funding.html



http://kentruralcareers.com/careers/



http://inacservices.com/funding-for-food-processors-agriculture/



http://supermarketnews.com/tops-friendly-markets/tops-sees-growth-potential-its-upscale-orchard-fresh-banner



Modules of AgBiz Logic

Budget Manager



AgBizProfit™



AgBizLease™



AgBizEnvironment™



AgBizClimate™



AgBizFinance™





Goals of Internship

- Suggest means of improving user friendliness so users will feel
 - Confident
 - Empowered
 - Willing to continue use of *AgBiz Logic*



Methodology

- Obtained information from
 - Case studies
 - Focus group surveys
 - Feedback from my team





Objectives

• Emphasize certain steps & functions of *AgBiz Logic*



http://www.step-tempus.net/content/objectives



Objectives

- Emphasize certain steps & functions of *AgBiz Logic*
- Find effective means to relay instructions



http://www.step-tempus.net/content/objectives



Objectives

- Emphasize certain steps & functions of *AgBiz Logic*
- Find effective means to relay instructions
- Make user navigation seamless as possible

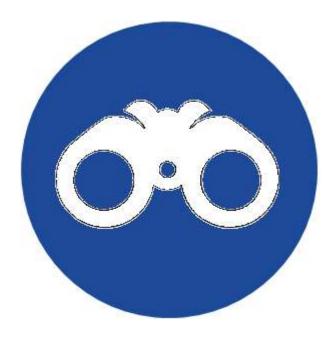


http://www.step-tempus.net/content/objectives



AgBizNavigator

- Guides user step by step through AgBiz Logic modules
 - Uses
 - Verbal directions
 - Flashing Arrows to guide users
 - Tool tips
 - Video tips



http://www.flaticon.com/freeicon/binoculars_69125

 A module to aid users in planning for potential impacts that climate change



http://agbizdev.cosine.oregonstate.edu/#

- A module to aid users in planning for potential impacts that climate change
- Powerful tool



http://agbizdev.cosine.oregonstate.edu/#

- A module to aid users in planning for potential impacts that climate change
- Powerful tool
- Overwhelming for first time users



http://agbizdev.cosine.oregonstate.edu/#



AgBizClimate

Select a state where the crops or livestock enterprises are located:



Select a weather station nearest your crops in this scenario:





AgBizClimate

Select the 3 most weather variables from the list that you think will impact the yield or quality of the crop/livestock in this scenario.

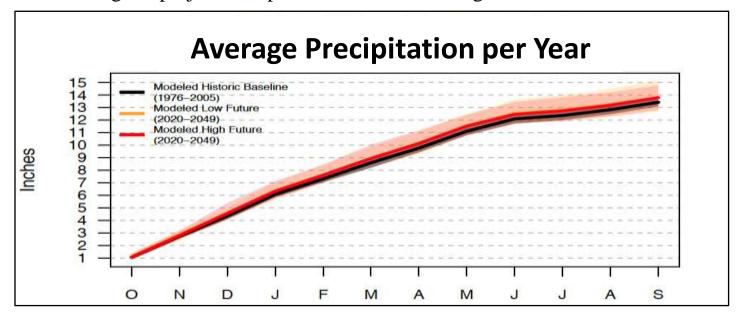
- O Seasonal mean temperature
- O Number of days above freezing
- Number of nights below freezing
- O Number of warm nights
- O Number of consecutive extremely hot days
- O Number of consecutive extremely cold days
- Accumulated growing degree days
- Accumulated chilling hours
- O 24-hour temperature range (night v. day)
- O Number of consecutive wet days
- O Number of consecutive dry days
- Accumulated seasonal precipitation
- O Snowpack

AgBizClimate[™]



AgBizClimate

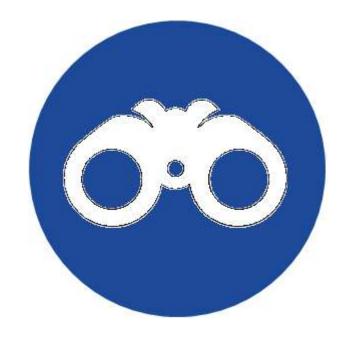
Based on your selected weather variables and weather station, the following are projected impacts from climate change.



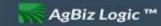
Based on this information, How do you think these climate changes will affect your **WHEAT** yields?: Change

AgBizNavigator

- Guides user step by step through the process of using AgBizClimate
 - Uses
 - Verbal directions
 - Arrows to guide users
 - Tool tips
 - Video tips



http://www.flaticon.com/freeicon/binoculars_69125



Please select your state, and then select the weather station closest to your farm or ranch. This allows AgBizClimate to retrieve data specific for your

enterprise.

AgBizClimate

Select a state where the crops or livestock enterprises are located:



Select a weather station nearest your crops in this scenario:





Please select your state, and then select the weather station closest to your farm or ranch.

This allows

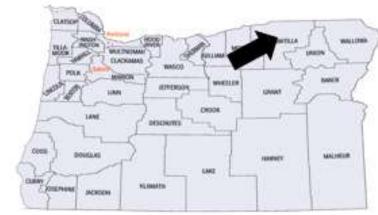
AgBizClimate to retrieve data specific for your enterprise.

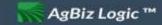
AgBizClimate

Select a state where the crops or livestock enterprises are located:



Select a weather station nearest your crops in this scenario:





Here you may add three variables of interest for your farm to create your scenario.

If you are unsure which variable to select, please click the tool tip.

AgBizClimate

Select the 3 most weather variables from the list that you think will impact the yield or quality of the crop/livestock in this scenario. ?

- O Seasonal mean temperature
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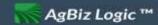
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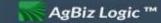


Select the 3 most weather variables from the list that you think will impact the yield or quality of the crop/livestock in this scenario. ?

The three weather variables you choose are entirely up to you. It is recommended that you pick a variable that has been of concern in recent years.

(I.e. if the number of cold snaps has been decreasing every year on your farm, you may add the variable "number of consecutive extremely cold days.")

- O Number of consecutive wet days
- O Number of consecutive dry days
- Accumulated seasonal precipitation
- O Snowpack

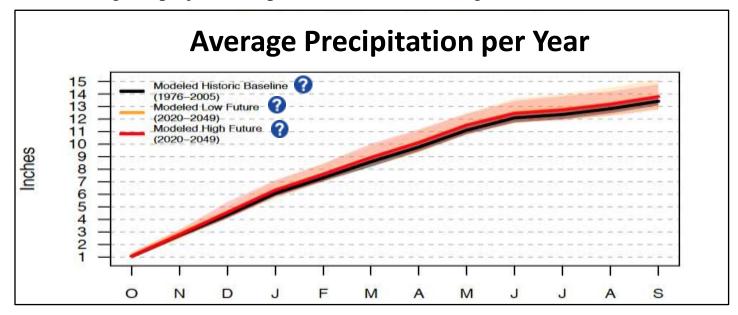


Based on this information, you may enter what percentage you think your yields will likely change due to climate change.

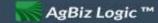
For help interpreting this graph, click the video tip.

AgBizClimate

Based on your selected weather variables and weather station, the following are projected impacts from climate change.



Based on this information, How do you think these climate changes will affect your **WHEAT** yields?: Change

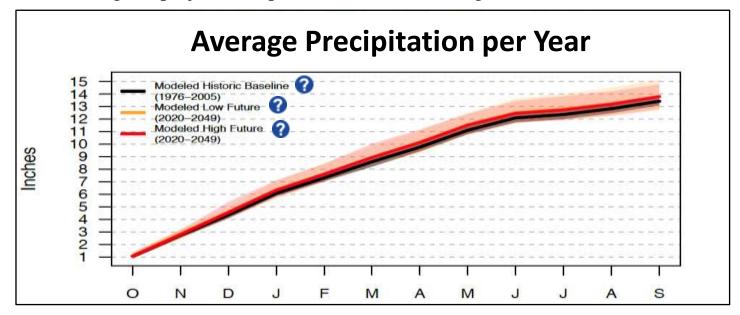


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AgBizClimate

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Based on this information, How do you think these climate changes will affect your **WHEAT** yields?: Change

Demonstration Movie

