



**REACCH**  
Regional Approaches  
to Climate Change –  
PACIFIC NORTHWEST AGRICULTURE

**Annual  
Meeting 2013  
Speed Science  
Presentations**



## ASSESSING PROFIT MAXIMIZATION STRATEGIES FOR WHEAT PRODUCTION IN ANTICIPATION OF CLIMATE CHANGE: A Case Study Approach Using *AgTools*<sup>TM</sup>

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*AgTools*<sup>TM</sup> is a body of information designed to help agricultural producers make short, medium and long-run capital investment and management decisions. The software has been developed by a group of faculty at Oregon State University (lead institution, Clark Seavert), UC-Davis, University of Arizona, Washington State University, and University of Idaho.

*AgTools*<sup>TM</sup> consists of:

- a suite of software programs: *AgProfit*<sup>TM</sup>, *AgLease*<sup>TM</sup>, and *AgFinance*<sup>TM</sup>
- budget files containing return and cost information for crops and livestock,
- educational programs such as *AgTools*<sup>TM</sup> Academy,
- online grower training courses with video instruction modules.

Most of these tools and programs are free-of-charge at [www.agtools.org](http://www.agtools.org). It is used for both agricultural business decisions and as a learning tool for students interested in the business dimensions of agricultural and food systems. For the REACCH project it is being developed into a web-based format with direct links to policy and environmental factors, including climate change.

*AgTools*<sup>TM</sup> is being piloted with wheat producers and used to explore future capital investment decisions and their impacts on profitability of alternative cropping systems. It is designed to assist agricultural producers make long run decisions on a whole farm and ranch feasibility basis, centered on financial ratios and performance measures. We anticipate linking spatial information on climate change and yield changes.

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