



Longitudinal Survey of Growers

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The longitudinal survey interviews farmers across the four agroecological zones collecting year to year economic data. The purpose is to build a baseline for the cost of wheat production in the Inland Pacific Northwest. The longitudinal survey plans to compile four years of data ; which will document year-to-year changes in prices and costs. While interviewing farmers about their farm economics questions about technology use, pests, and demographics are asked.



Documenting the economic differences of the agro ecological zones will help policy makers understand farming operations very greatly in nearby regions . The results will be useful to describe the unique characteristics of each agro ecological zones.

Yield & Costs of Production
by Zone

Zone	Yield Bu/acre	Standard Deviation Bu/acre	Average TC of Winter Wheat \$/bushel	Standard Deviation \$/bushel
1. Annual Cropping	88.4	23.2	\$5.01	\$.68
2. Transition	83.0	18.3	\$5.08	\$.76
3. Grain/Fallow	62.7	18.8	\$5.49	\$.85
4. Irrigated	152.5	.71	\$6.55	\$.97

The second year of data collection is underway, the difficult part of surveying farmers is finding time to sit down and talk with them. Also continuing to have willingness to participate from each grower over the four years remains a concern.

Pictures shown, from top to bottom, are: Grower locations in the survey; Zone 1 landscape; Yield & Cost of Production by Zone for Year 1 (2011).

REACCH scientists can use the longitudinal survey to ask specific questions to the group of participants. Also the economic portion of the survey records detailed farm operations which are useful to biotic teams to know the type of tillage system. Further into the project the data set could be added to other studies.

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