

Effect of environmental constraints on dairy production

Language: English or German

Contact: Dr. Christine Wieck, christine.wieck@ilr.uni-bonn.de, Phone: 73 23 22

Background:

Among other factors such as land or fodder availability, increasing environmental regulation and concerns regarding the impact of milk production on climate change impact on the production intensity of dairy farms and intensity of dairy production in the region.

Objective of the work

The theoretical focus of this research should lie on the explanation of how environmental concerns may affect the location and intensity of dairy farms.

Approach:

Depending on the interest of the student, various approaches are possible:

- Pure literature work
- For one or more specific regions, environmental restrictions may be sampled and analysed how this affects the developments of dairy farms in the sector.
- Theoretical analysis of recent policy proposals regarding dairy production and environmental or climate change concerns

References:

- Isik, M. (2004): Environmental Regulation and the Spatial Structure of the U.S. Dairy Sector. *American Journal of Agricultural Economics* 86: 949-962
- Sneeringer, S. (2009). Effects of environmental regulation on economic activity and pollution in commercial agriculture. Selected Paper presented at the SAEA Annual Meeting, Atlanta, GA.
- Sneeringer, S., Hogle, R. (2008). Variation in Environmental Regulations in California and Effects on Dairy Location. *Agricultural and Resource Economics* 37 (2):133-146.