

Masters Thesis / Forschungsprojekt / Special Project

Titel: Variety multiplication and choice in winter wheat – is there a gap between supply and demand?

Language: German or English

Problem Background: Multiplication area is usually used as an indicator for variety choice in agricultural economics. As different variety choices are acclaimed to tell something about farmers “risk attitudes” and other popular economic indicators over recent decades. Looking at these studies though there is one major flaw, as the mentioned insights are created from data which usually refers to the multiplication area of varieties e.g. multiplied in a certain region and not data from surveys what farmers actually planted in terms of varieties. Lack of appropriate data has been put forward as reason for this in the past.

The following thesis will try out a new data source to compare multiplication area and varieties planted for a decade in Bavaria, to figure whether using multiplication area as a proxy for variety choice is still a good proxy.

Research Question: Is multiplication area really a good indicator for what farmers sow in winter wheat varieties? How can we explain differences in multiplication area and actually sown varieties?

Vorgehen / Methodik:

- Literature review on determinants for wheat variety choice according to its source
- Statistical evaluation of 2 different data sets
- Econometric analysis of each data set for to replicate studies like Dahl et al. (1999)

Bei Interesse nehmen Sie bitte **Kontakt** mit Maria Gerullis auf: maria.gerullis@ilr.uni-bonn.de

Startliteratur: Dahl, B. L., Wilson, W. W., & Wilson, W. W. (1999). Factors affecting spring wheat variety choices: Comparisons between Canada and the United States. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie*, 47(3), 305-320.