


Drosophila suzukii in Swiss grape production – Data from a survey on risk management strategies in 2017

Dataset**Author(s):**

Knapp, Ladina; Bravin, Esther; [Finger, Robert](#) 

Publication date:

2018

Permanent link:

<https://doi.org/10.3929/ethz-b-000282730>

Rights / license:

[In Copyright - Non-Commercial Use Permitted](#)

Title of Data file: *Drosophila suzukii* in Swiss grape production - Data from a survey on risk management strategies in 2017

Authors: Ladina Knapp, Esther Bravin and Robert Finger

A survey was conducted with Swiss grape growers with the specific aim to identify risk management strategies taken in response to *Drosophila suzukii* as well as to survey perceived infestation levels and harvest losses. The survey was conducted during the month of December 2017 concerning the grape harvest of 2017.

The survey link was sent out to the cantonal agricultural services via E-Mail with a link and a description of the survey.

In the survey, background information was gathered relating to farmer characteristics (age, gender, successor or no successor) and farm production (farm size, production system, and tenure).

The survey also provided insights on information sources used.

Risk preferences were elicited using questions on attitude to risk taking in four different domains (production, market and prices, external financing and agriculture in general) (Meuwissen, Huirne et al. 2001). In addition, a simple 11 point Likert scale self-assessment question on risk aversion following Dohmen et al. (2011) was used. The survey was conducted online via a platform LIMESURVEY and was distributed in German, French and Italian. The final number of submitted responses is 331.

Files included in the zip-folder:

Codebook_grapes_2017.pdf: Description of the contents, structure and layout of the data collection including the name of the variables, the question text and values for each variable.

Grapes_KEF_data_2017.csv: Survey data with variables. A number of variables such as the email addresses and the postal codes were deleted due to confidential reasons.

Survey_2017_grapes_DE.pdf: Survey questions available in German in PDF format

Survey_2017_grapes_ENG.pdf: Survey questions available in English in PDF format

Survey_2017_grapes_FR.pdf: Survey questions available in French in PDF format

Survey_2017_grapes_IT.pdf: Survey questions available in Italian in PDF format

References

Dohmen, T., A. Falk, D. Huffman, U. Sunde, J. Schupp and G. G. Wagner (2011). "Individual risk attitudes: Measurement, determinants, and behavioral consequences." *Journal of the European Economic Association* 9(3): 522-550.

Meuwissen, M. P. M., R. B. M. Huirne and J. B. Hardaker (2001). "Risk and risk management: an empirical analysis of Dutch livestock farmers." *Livestock Production Science* 69(1): 43-53.