

PROJECT GUIDELINES INTEGRATED PEST MANAGEMENT IN SUGAR BEET

Development of guidelines for the Integrated Pest Management in sugar beet and exemplary investigation of ecological and economical impacts of innovative use of Plant Protection Products

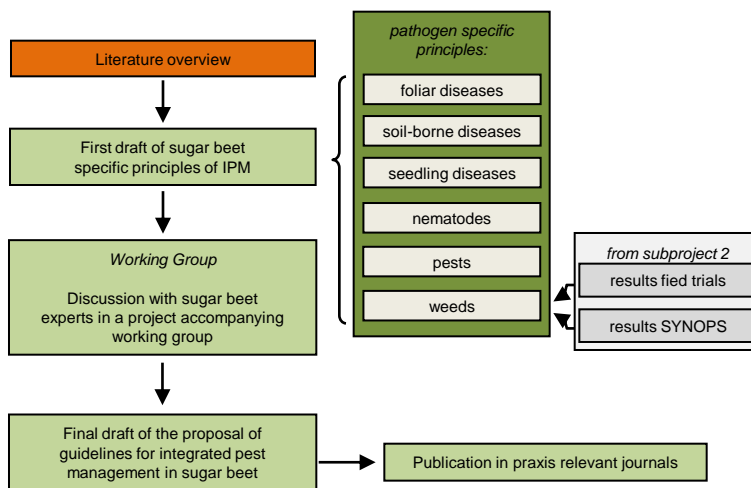
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Introduction

Aim of the project is the development of harmonized guidelines for the integrated pest management in sugar beet in Germany. Environmental effects of herbicide use (different strategies) in splitted application are measured exemplarily and compared with modelled environmental risks.

Subproject 1: development of sugar beet specific IPM-guidelines



Project conduction

Measurement of environmental effects takes place in cooperation with Julius Kühn-Institute (JKI) Braunschweig at 20 sites. The industry partners model the fate of active ingredients, while the modelling of environmental risks is done at JKI Kleinmachnow, based on data of field trials.

The results are used for the improvement of competitiveness of farms. Knowledge is quickly transferred to advisory services and agricultural practice.



The joint research project is of utmost importance for agricultural policy concerning the implementation of the EU Directive on Sustainable Use of Plant Protection Products and the therein contained need for National Action Plans.

Subproject 2: Environmental impact of plant protection strategies

