



International Cropping Comparisons for Winter Wheat

GOAL

In the International Cropping Comparison for Winter Wheat, various cultivation systems are compared with each other using winter wheat as an example. Not simply the highest profit margin is required, but instead the courage to think "outside the box" in order to also try out unconventional strategies.

You define your own individual goal for your cultivation strategy in winter wheat.

After the harvest, it is a matter of answering the questions "Was the individual goal reached? Which of my measures have proven themselves?"



POSSIBLE APPROACHES:

- Reduction of the application of herbicides through agricultural alternatives
- Promotion of the development of individual plants with adapted variety, row width and seeding rate
- Increasing nitrogen efficiency with type of fertiliser and fertilising timing
- Increased plant fitness and health through soil conditioners or plant fortifiers
- ...

1. REGISTRATION

You register with a formulated cultivation strategy while taking into account the basic conditions (location, technology, farm inputs) for the International Cropping Comparison for Winter Wheat.

2. EXECUTION

You commission measures for soil tillage, sowing, use of farm inputs and technology via a form provided (Field Work form). Orders can be submitted in German and English.

The orders will be implemented on the plot, documented and confirmed by the DLG technicians. The costs for labour and farm inputs related to the execution of the test will be borne by the DLG.

3. DURING THE EXHIBITION

Prior to the DLG Field Days, your individual goal and strategy, as well as the measures carried out will be transferred to an information sheet and displayed for visitors to the event. You yourself will be on site personally and available to visitors and partners for discussions at the DLG Field Days.

4. HARVEST AND EVALUATION

The harvest and the evaluation of the cultivation comparison will be carried out by the DLG. The individual goal and strategy will be discussed in the context of integrated crop production. The results will be published.



CONDITIONS FOR PARTICIPATION

1. PARTICIPANTS AND CONTRIBUTORS

Farmers and research and consulting institutions can participate. If research and consulting institutions wish to participate, which are backed by private companies, then these companies must register a stand at the DLG Field Days. Otherwise participation is free of charge.

Each participant will be provided with a test plot. In the interest of test execution, in case of a strong demand the DLG reserves the right to limit the number of participants and to make a choice among the potential participants.

The International Cropping Comparison for Winter Wheat is supported by various companies and institutions by supplying devices and materials and by providing services.

2. TECHNOLOGY AND FARM INPUTS

The following choice of technology is available for the establishment and care of stock:

Soil tillage:	Plough, cultivator
Sowing:	Seed drill, seeding in single and double-row spacing
Fertilisation:	Plot fertiliser spreader, contact fertilisation (admixing in seed hopper), liquid fertilisation (with field sprayer)
Plant protection:	Plot sprayer, harrow, hoe

The seed (10 kg per test treatment) must be provided in due time by the participant with the required information (variety, thousand seed weight, germination capacity and, if applicable, dressing - only if approved in Germany). The DLG will not undertake any dressing.

A list of farm inputs available short-term and in small quantities will be provided by the DLG. These inputs will be procured by the DLG for the test execution. If the participant would like to use other inputs, then they must be provided in due time together with the instructions (Field Work form, in German or English). German law applies for the use of these inputs.

3. EXECUTION

The test will be planned and executed by the DLG with scientific consulting in close cooperation with the participants and evaluated by the DLG Field Days office. All work related to the test execution will be carried out and documented exclusively by the DLG Field Days office.

The basic fertilisation and sowing date are uniform for all participants. The choice of varieties, seed quantity, type of dressing and all stock management measures are the responsibility of the participants.



Correspondence for test execution is carried out by the participants in due time (one week before the deadline) on the "Field Work" form directly with the DLG Field Days office. Feedback on the execution of the work ordered will be provided by the test technicians to the participants.

4. DURING THE 2020 DLG FIELD DAYS

Part of the plots will be separated as demonstration plots for the visitors. The remaining area will be secured for the harvest. Based on the individual goals of the participants and documentation of measures, the DLG will prepare an information board for each participant. These boards will be installed at the demonstration plots for the event.

During the 2020 DLG Field Days, the participants are obligated to be available from 9 am to 6 pm at their demonstration plots for visitor queries. There is space for a wardrobe and information material in the DLG tent.

5. COSTS

Participation in the DLG Winter Wheat Cropping Comparison is free of charge for the participants. The costs for labour and farm inputs related to the execution of the test will be borne by the DLG.

Travelling costs of the participants will not be covered by the DLG.

6. EVALUATION AND PUBLICATION

Experts from the DLG group of honorary members will be consulted for the expert evaluation of the cultivation methods. The recording of procedural costs for field operations is based on figures of the Association for Technology and Structures in Agriculture (KTBL - Kuratorium for Technik und Bauwesen in der Landwirtschaft e.V.). For farm inputs (seed, fertilisers and crop protection agents) the prices in April of the year of cultivation in the local agricultural trade apply. The product prices (wheat) will be determined locally based on the quality parameters of the recipient.

No competition will take place for the highest monetary profit margin. The evaluation is based on the fulfilment of the individual goal and its effects on the cultivation system.

Publication will take place with press articles via various media channels.

The participants can already present their institution, their cultivation strategy and their individual goals with press articles before the 2020 DLG Field Days.

