



# TalkingFields® Yield Map and TalkingFields® Yield Forecast

The TalkingFields® Yield Map and TalkingFields® Yield Forecast for winter wheat, winter barley, rapeseed, maize and sugar beet provide absolute yield values in t/ha in a spatial resolution of 10x10m.

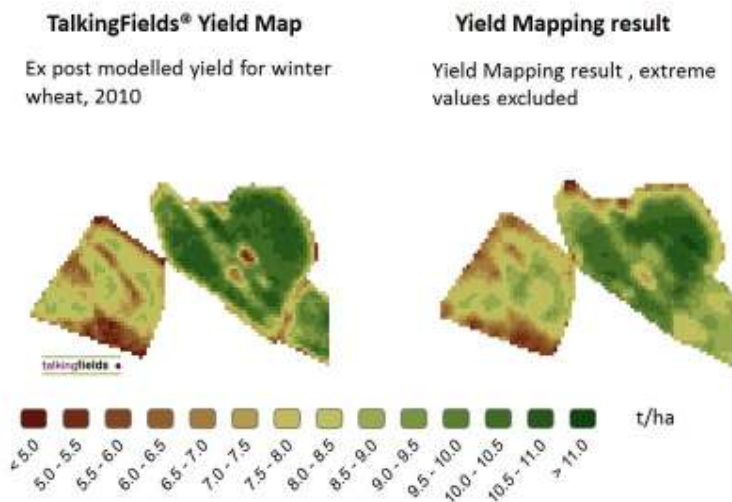
## TalkingFields® Yield Map

The TalkingFields® Yield Map allows us to deliver high resolution information about the yield level at the harvest date retrospectively. Using meteorological data, a crop growth model and the assimilation of crop observations from satellite images of the respective harvest year, the TalkingFields® Yield Map is deducted.

Validation takes place via comparison with yield maps of a combine harvester. In the following image, you can see on the left side the TalkingFields® Yield Map and on the right side the results of the yield mapping using a GPS combine harvester.

### The TalkingFields® Yield Map:

- Delivers comprehensive yield information for winter wheat, winter barley, rapeseed, maize and sugar-beet in values of t/ha.
- Completes and substitutes existing yield maps, also in retrospective.
- Allows a consistent and comprehensive overview of the harvested areas.
- Allows yield mapping without having to harvest with specially equipped combine harvesters.



The spatial congruence of the TalkingFields® Yield Map and the conventional yield mapping with the combine harvester is high.

Product name	Description	Recommended retail price in €/ha (excl. VAT)	Unit	Output format
<b>TalkingFields® Yield Map</b>	Retrospectively, delivery at the earliest 4 weeks after harvest	12* € excl. VAT  * The price already includes the TF Biomass Card, as it is needed to generate the TalkingFields® Yield Map	t/ha	TalkingFields®-XML, Point-Shape-Files, raster data

## TalkingFields® Yield Forecast

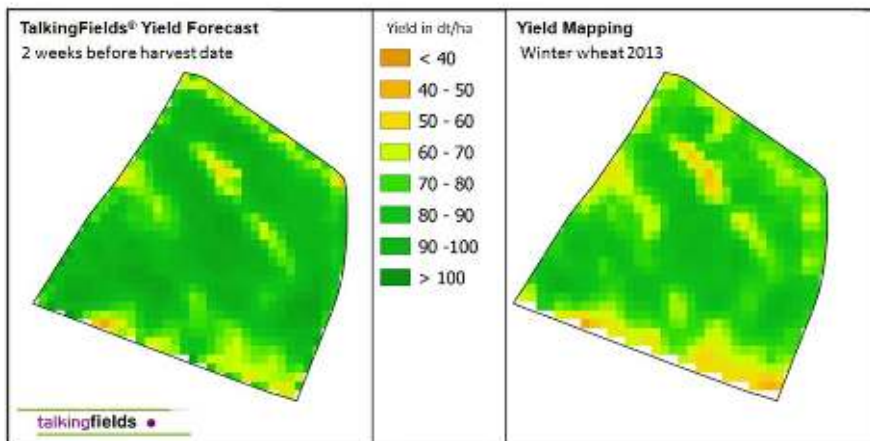
The **TalkingFields® Yield Forecast** delivers a high-resolution yield forecast two to four weeks before the desired harvest date.

Via assimilation of satellite data, current weather forecasts as well as long-term weather observations into the crop growth model, grain yield can be derived even before the actual harvest date.

The **TalkingFields® Yield Forecast** can serve as:

- Support for strategic contract negotiations.
- Effective management tool for harvest logistics and efficient factory utilization for the green energy industry.

The image shows an exemplary **TalkingFields® Yield Forecast** two weeks before winter wheat harvest. Several satellite images during the vegetation period were used to model the crop growth and yield.



The **TalkingFields® Yield Forecast** is currently available for Germany. If you wish to order the **TalkingFields® Yield Potential Map** for other countries please contact us for further information

You receive the following products and services when ordering:

Product name	Description	Recommended retail price in €/ha (excl. VAT)	Unit	Output format
<b>TalkingFields® Yield Forecast</b>	Yield Forecast 2 to 4 weeks before harvest date	18* € excl. VAT  * The price already includes the TalkingFields® Biomass Card, as it is needed to generate the TalkingFields® Yield Forecast	t/ha	TalkingFields®-XML, Point-Shape-Files, raster data

The delivery of the TalkingFields® Yield Forecast includes:

- The TalkingFields® Yield Forecast 2 – 4 weeks before harvest date
- Delivery in NEXT Farming Pro compatible format, as point-shape or as raster data.