

TF N-Uptake Canola

The **TF N-Uptake Canola** records and makes available the accumulated crop nitrogen uptake (in kg N/ha) by canola during winter dormancy.

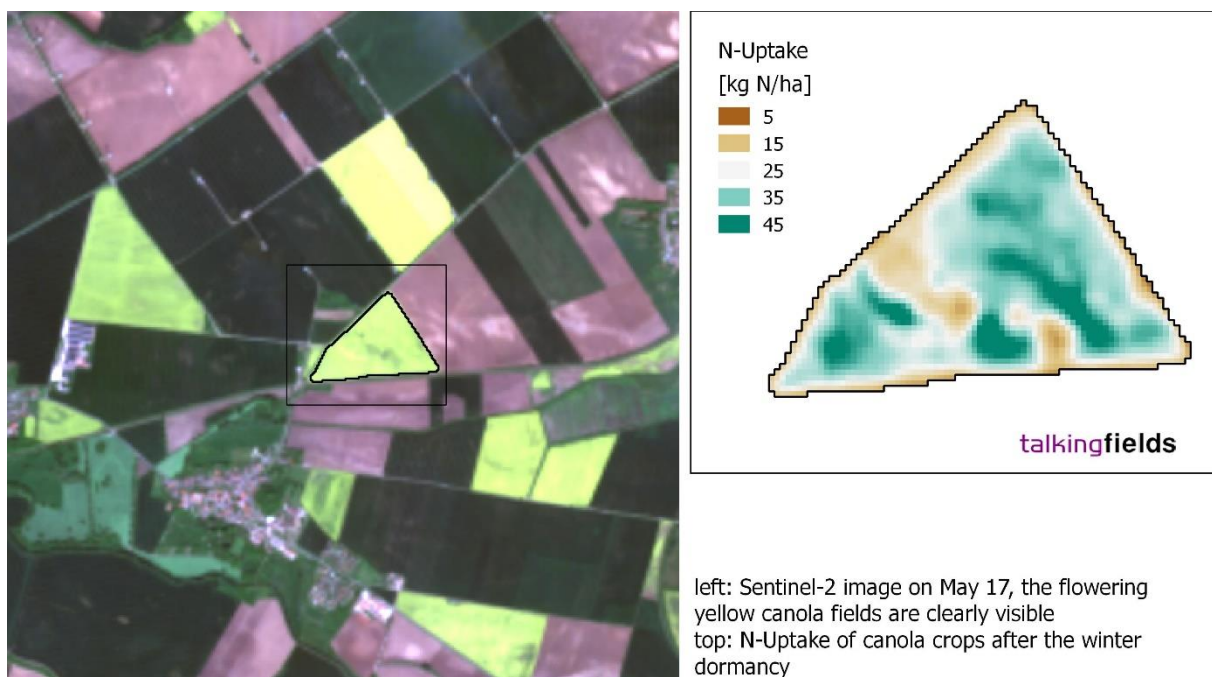
It is derived from satellite data, utilizing a special software developed by Vista GmbH. For this, all available satellite images acquired during the fall and winter months are processed, starting with the sowing date for the current growing season.

The delivery date of the **TF N-Uptake** is at the start of the growing season in spring before fertilization. It provides information on the current nitrogen supply of the crops in kg N/ha and maps out the growing conditions as well as undersupplied areas within your fields. In areas of high nitrogen uptake, the fertilizer application can be reduced accordingly.

TF N-Uptake Canola:

- For spring fertilization of canola.
- Maps the accumulated nitrogen taken up by canola crops through the winter months in kg N/ha with a spatial resolution of 10x10m.
- 10m raster basis for the creation of application maps for nitrogen fertilization.
- An optimized fertilization practice relieves your nutrient balance sheet and reduces costs for fertilizers.
- No use of onsite sensor necessary allowing for late orders shortly before the fertilization date.
- Allows for the evaluation of extensive areas at a favorable price.

Farmer's experiences show: Through site-specific fertilizer application average cost reductions of 30 €/ha can be achieved, in heterogeneous areas reductions of up to 90 €/ha are possible.



left: Sentinel-2 image on May 17, the flowering yellow canola fields are clearly visible
top: N-Uptake of canola crops after the winter dormancy

The **TF N-Uptake Canola** is available worldwide for fields with a size of 1 ha and above.

Product name	Description	Recommended retail price in €/ha	Unit	Ausgabeformat
TF N-Uptake Canola	Map showing the accumulated crop N-Uptake during the winter months (single delivery in spring)	6* € / ha per growth period (excl. VAT) * Discounts are available for large orders.	kg N/ha	TF-XML, Point-Shape-Files, raster data

The delivery of the **TF N-Uptake Canola** includes:

- **TF N-Uptake Canola** once in spring before fertilization for the ordered vegetation period.
- Delivery in NEXT Farming^{OFFICE} compatible format, as point-shape file or as raster data.

Upon receipt of an order we require the boundaries of the ordered canola fields **as well as** of non-target areas within the field (e.g. hedges or groups of trees), preferably in TF-XML- format.

If you would like to place an offer or have additional questions about our product please contact us by using our email address info@talkingfields.de or our phone number +49 89 45 21 614 22.