



## Analysis of domestic oilseeds

### Raw material for edible oils, animal feed and biodiesel

Domestic oilseeds such as rape and sunflowers dominate the landscape in spring and summer with their bright blossoms. The seeds of oil-bearing crops are important agricultural economic and trade goods worldwide. They are an essential part of the energy-supplying food and fodder components. An important technical application is rapeseed oil in the form of biodiesel as an environmentally friendly alternative to mineral oil fuels.

Ensuring the required harvest quality requires regular analytical tests. Quality control starts with the farmer. The soil conditions and the nutrient requirements of the crops have a significant influence on growth and ultimately the yield.

### ANALYTICAL SUPPORT BY THE AGROLAB AGRARZENTRUM IN LEINEFELDE

We offer farmers, producer cooperatives and agricultural advisors soil analyses with high precision and give fertiliser recommendations based on the determined nutrient requirements.

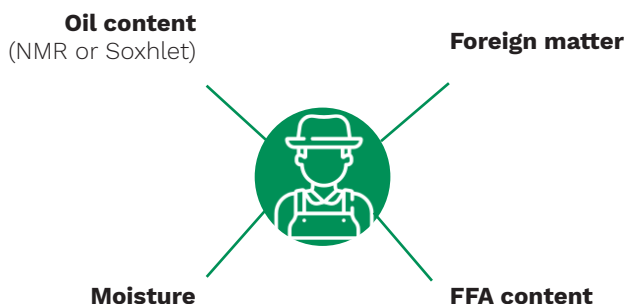
With GPS-controlled fertiliser spreaders, the optimal amounts for the respective crop and time of vegetation can be added to the soil with pinpoint accuracy. This not only protects the groundwater, but is also easy on the farmer's budget.

During or shortly after the harvest of the oilseeds, the farmer wants to know whether his months of work and the investments made will pay off in high quality and thus in a fair price at the collection traders.

Crop analyses are a matter of trust. In addition to analytical competence, they require a high level of responsibility towards the farmer and the trader. That is what AGROLAB stands for!

#### Soil tests to optimise fertilisation (spring and autumn):

- Macronutrients (pH, P, K, Mg)
- Micronutrients (Mn, Zn, Cu, B, Na)
- N<sub>min</sub> examination (spring and fall)
- Examination on all fertilisers



Read more on our Homepage:

<https://www.agrolab.com/en/analytical-services/agricultural-analysis/quality-of-farm-products.html>

[www.agrolab.com](https://www.agrolab.com)

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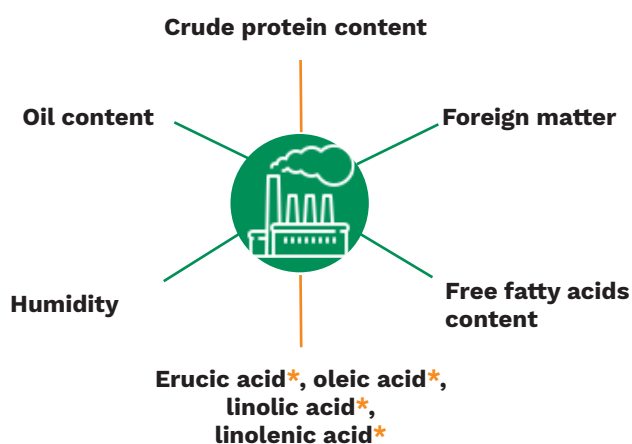
## QUALITY ASSURANCE - FROM THE FIELD TO THE TROUGH AND ONTO THE PLATE

The **FOSFA seal** of quality is of great importance for the collection trade and its customers, the domestic oil mills or importers and exporters of oilseeds.

It not only confirms that the product meets the FOSFA quality criteria, but also shows that the product has been tested by a recognised laboratory according to FOSFA methods.

This not only creates the greatest possible security and trust for all those involved across production stages and national borders, but also reduces costs in quality assurance. With a FOSFA seal, the scope of subsequent analytical tests can be reduced to spot checks.

For oilseed processors, we offer additional comprehensive quality testing for oils, fats and by-products of oil extraction:

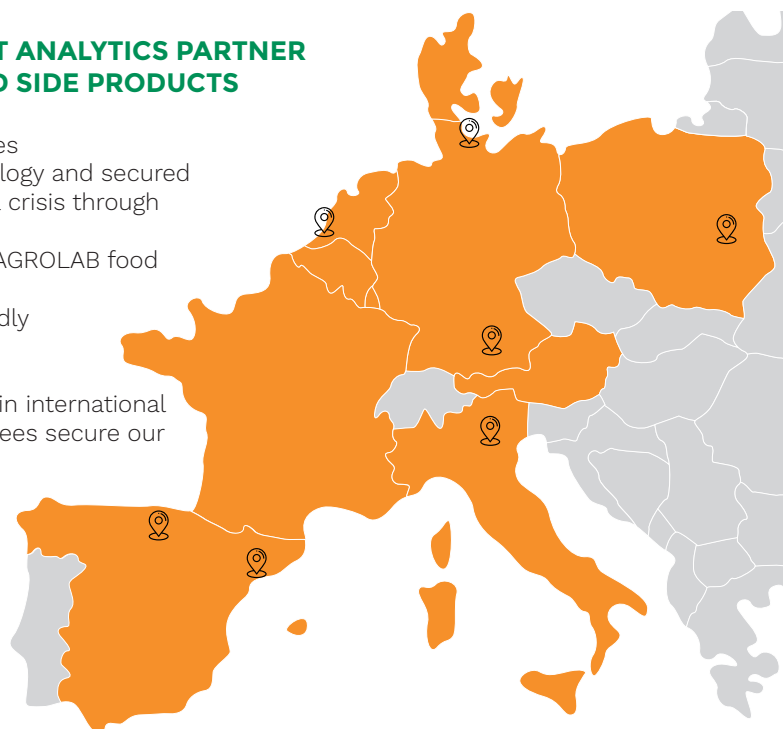


At the **AGROLAB Agricultural Analysis Centre in Leinefelde** all other field products, e.g. cereals, pulses and specialities such as hops, are of course analysed.

## YOUR PLUS: AGROLAB IS YOUR COMPETENT ANALYTICS PARTNER FOR OIL SEEDS, EDIBLE OILS AND FATS AND SIDE PRODUCTS

- Qualified, highly motivated and friendly employees
- State-of-the-art highly efficient analytical technology and secured measurement capacity reserves in the event of a crisis through strategic AGROLAB site redundancies
- Sample acceptance and order processing by all AGROLAB food laboratories
- Comprehensive quality assurance and user-friendly IT solutions (ALOORA)
- FOSFA, GMP+ and QS-recognised analytics
- Well-networked experts and active participation in international expert committees and standardisation committees secure our and your knowledge advantage.

## OUR FOOD LABS IN EUROPE



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\* These and other tests are also offered according to FOSFA methods at the AGROLAB site Dr. Verwey in Barendrecht (NL).