

Address: TB Unterfrauner GmbH
Umseerstraße 39
3040 Neulengbach, AUT

To be completed by TB Unterfrauner GmbH:

LN

BD



Assignment form „Soil sample“

(1 form per sample, at least 1.5 kg soil per sample)

Initial sampling Resampling BD-Nr _____

Consultant:

send results also to my consultant

E-Mail: _____

Invoice address (please use CAPITAL letters)

Company / farm name: _____ VAT No: _____

Country: _____ Zip Code: _____ City: _____ Street/No: _____

Contact person: _____ Telephone: _____ E-Mail: _____

Sample (for resampling: sampling depth according to initial sampling)

Label: _____ Date of sampling: _____

Sampler: _____ Depth (cm): from _____ to _____ Crop*: _____ Yield* (t/ha): _____

* Reference crop and yield for the evaluation of plant nutrition!

Land use

Conventional farm Organic farm other: _____ Year of conversion: _____

Farmland Grassland Vegetables Fruit / vine other: _____ Greenhouse / plastic tunnel

Site characteristic (in order to provide further information on site specifics / questions please use the back side!)

Field size (ha) _____ GPS Coordinates (WGS84): N: _____ E: _____

Elevation (m.a.s.l.): _____ Annual Ø Temp (°C): _____ Annual Ø Precipitation (mm): _____ GW-Level (cm): _____ Geology: _____

Risk of erosion: none Water Wind Compaction: yes no Depth (cm): _____

Field parameters

Soil type: _____ Soil value („Ackerzahl“): _____

Soil texture: light average heavy Gravel content: <10% 10-20% 20-40% > 40%

Org. matter: light average high Earthworms: none few average many

Soil depth: 0-30 cm 30-70 cm >70 cm Carbonates: yes no

Current crop and fertilisation / melioration (in order to provide information regarding the past years please use the back side!)

Year	main crop	Yield t/ha	straw on field / catch crop	Fertilizer	Amount kg / m ³ /ha	Liming	Amount kg/ha
			straw on field: yes <input type="checkbox"/> no <input type="checkbox"/>			Dolomite	
			catch crop: yes <input type="checkbox"/> no <input type="checkbox"/>			Gypsum	
						Calcium carbonate	
						DGC	

St=Stabel manure, (B)S=(Biogas)Slurry, Co=Compost, D=Dolomite, G=Gypsum, C=Calk P=Phosphorus, K=Potassium, Mg=Magnesium, N=Nitrogen, S=Sulfur, TE=Trace elements

Tillage / Irrigation

Plow: yes no Alternative tillage / tools: _____ Depth of tillage (cm): _____

Irrigation: no yes on the following crops: _____

Analytical Program (Details see back page)

Prices from 1st of Oct.2022 (www.bodenoekologie.com)

Initial Sampling „Basic Characterization“ incl. 5 Phosphorous pools (valid for 5 to 10 years) Net € 395

Resampling A (comparison soil properties & plant nutrition) Net € 305

Resampling B (comparison soil properties) Net € 220

Resampling only possible after Initial Sampling; recommended after 3 to 5 years.

„Grundbodenuntersuchung“ (Standard soil testing for P and K using CAL-method, pH-value in CaCl₂) Net € 25

Only possible in combination with Initial Sampling or Resampling A or B!

Transmission of the results: Mail (free of charge) Postal mail (+ € 15,00)

I agree that my personal data including the examination results will be processed for an unlimited period of time for comparative purposes in the case of follow-up order I can revoke this consent at any time.

Signature / Official seal of company or farm (Client):

Crop rotation and fertilisation / melioration carried out in recent years:

Year	main crop	Yield t/ha	straw on field / catch crop	Fertilizer	Amount kg / m ³ /ha	Liming	Amount kg/ha
			straw on field: yes <input type="checkbox"/> no <input type="checkbox"/>			Dolomite	
						Gypsum	
			catch crop: yes <input type="checkbox"/> no <input type="checkbox"/>			Calcium carbonate	
						DGC	
			straw on field: yes <input type="checkbox"/> no <input type="checkbox"/>			Dolomite	
						Gypsum	
			catch crop: yes <input type="checkbox"/> no <input type="checkbox"/>			Calcium carbonate	
						DGC	
			straw on field: yes <input type="checkbox"/> no <input type="checkbox"/>			Dolomite	
						Gypsum	
			catch crop: yes <input type="checkbox"/> no <input type="checkbox"/>			Calcium carbonate	
						DGC	

Informationen on Analytical Programs:

► **Initial Sampling „Basic Characterization“ incl. 5 Phosphorus pools (valid for 5 to 10 years)**

- **Basic parameters / Sorption complex:** Soil texture (KH), coloration, turbidity, pH_{H2O}, pH_{KCl}, electrical conductivity (EC), lime content, C_{org}, C/N, C/P, C/S, CEC_{pot}, CEC_{act}, base saturation, substance ratios at sorption complex.
- **Fractions:** water-soluble + exchangeable + reserve substances (nutrients / trace elements, pot. toxic substances), including 5 Phosphorus pools
- **Comprehensive report** including graphical presentations of the analysis results, details on derived melioration strategy and plant nutrition

► **Resampling (only possible after Initial Sampling; recommended after 3 to 5 years)**

Resampling A (comparison of soil properties & plant nutrition)

- Basic parameters and fractions as for Initial Sampling, comparative report

Resampling B (comparison of soil properties)

- Basic parameters as for Initial Sampling (without C/P), overview sheet “Soil Properties”

► **“Grundbodenuntersuchung“ (Only possible in combination with Initial Sampling or Resampling A or B)**

- Standard soil testing for P and K using CAL-method (VDLUFA), pH-value in CaCl₂

Space for further information, remarks, questions und site specifics: