

T0 Sampling scheme:

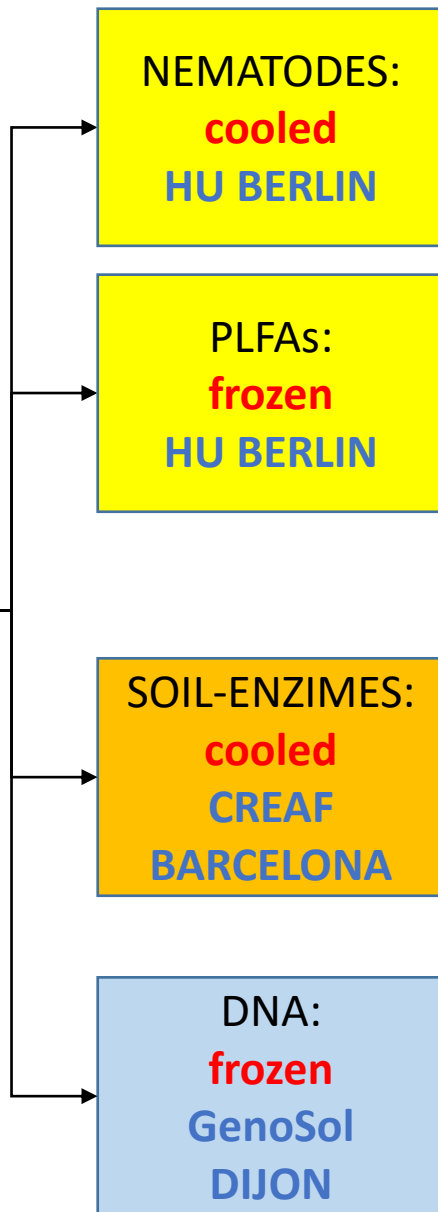
- 2 transects per **field** site
- Each 10 meters long
- 10 soil samples per transect

Soil sampling:

- Use soil core about 5 cm diameter
- Take upper soil layer 0-10 cm
- Collect soil in a bucket to get **one composite soil sample per field**
- Mix gently by hand (use gloves)
- Take (4) subsamples for the different analyses (see below)

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Storing and shipping soil subsamples:

Nematodes: no sieving, no freezing!!!, keep at ~8° C

a total of **800 g** fresh weight in plastic bags

Ship immediately to **Prof. Dr. Liliane Ruess, HU Berlin**
Contact Liliane in advance to arrange express delivery!
liliane.ruess@biologie.hu-berlin.de

PLFAs: keep cool in the field; in the lab sieve (2 mm), freeze and keep at -20° C, **100 g** fresh weight in a plastic bag
Ship frozen to: **HU Berlin** (contact Liliane in advance)

Soil parameters, enzymes and microresp:

- Keep cool in the field, 900 g fresh weight, sieve (2 mm),
- **3 x 300 g** sieved soil in plastic bags, keep in refrigerator (4°C)
- Ship as soon as possible under refrigerated conditions to:

Dr. Àngela Ribas
CREAF, Edifici C,
08193 Bellaterra, Barcelona, Spain

DNA:

- In the field, the soil bags are kept cold in a cooler with ice cubes
- In the lab, sieve (2 mm) the soil
- Take **4 x 50 g** sieved soil from the sampling above and store it in plastic bags/tubes (de 60 ml en polypropylène)
- Place bags at -20 to 30 ° C as quickly as possible
- Send the soil bags directly after sampling and as quickly as possible to the GenoSol platform: **Plateforme GenoSol**

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Contact Katja in advance to arrange the delivery! katja.klumpp@inrae.fr