



Protocol #2

www.kiwico2.org/protocol2.pdf

Protocol: Composite soil sampling

Status: **live**

Registry code: kiwico2.org/d#.pdf

Methodology

1. Define the objectives for the benchmarking and monitoring.
2. Define and delineate the CEA (e.g. whole farm or a block within the farm).
3. Assess whether the CEA needs to be broken into homogenous strata (e.g. river flats, hills).
4. Collect representative soil samples from each stratum, conduct C analyses on samples and quantify baseline SOCS for the CEA at some initial time.
5. Quantify SOCS in same CEA at some later time (1–5 years after the initial time).
6. Calculate SOCS change through time.
7. Repeat steps 4–6 for times 2, 3, 4... (at 1–5-year intervals).

<https://www.mpi.govt.nz/dmsdocument/40790/direct>

Stable Soil Carbon estimate

Stable soil carbon (SSC) is currently estimated at 9.6% of the total soil organic carbon stocks (SOCS) differential.

https://netzero.kiwi/stable_soil_carbon.pdf