Measuring depths 0 – 20, 20 – 50, 50 - 90 cm

1. Notill, KV Loimaa - 14 years
2. Plough, KV Loimaa - 14 years
3. Grassley, 11 sites - < 5 years rotation
4. Rotational grazing, Eco 24 years, 40 without ag-chemicals, no plough 20 years, 1 site
5. All Knaapi & Knaapi samples 140 sites
6. Coarse sandy soil, mix rotation, 10 sites (sampling only 0-20 cm)

Luke (Natural Resources Institute Finland), a follow up study 1974-2018.

Knaapi & Knaapi soil scanning 2019
n. 140 test fields (2019)
Each field have 4 reference sample points
Each ref. sample consists of 10 – 12 subsamples
Sample dephts 0 – 90 cm

Mineral type soils

Mineral and organic soils

Amount of carbon. (mineral type soils)

<table>
<thead>
<tr>
<th>Year</th>
<th>0-15 cm</th>
<th>20-50 cm</th>
<th>50-90 cm</th>
<th>Estimated!</th>
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<tr>
<td>1987</td>
<td>39 g/kg</td>
<td>39 g/kg</td>
<td>37 g/kg</td>
<td>35 g/kg</td>
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<tr>
<td>2018</td>
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<td>39 g/kg</td>
<td>37 g/kg</td>
<td>35 g/kg</td>
</tr>
</tbody>
</table>

Coarse mineral soil, intensive tillage, no grass or covercrops

Grazing, no plough

100 % diversity grass mix

Estimated!