

**Table 5. Timeline of the variables measured in a soil health survey over time with the number of replicates and readings per variable per survey**

No. of replicates	No. of readings per variable	Variables	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
<b>Once a year measurements</b>												
1	1	Soil color <sup>a</sup>	Measured at any survey									
1	1	Soil texture <sup>a</sup>	Measured at any survey									
<b>Monthly measurements</b>												
1	1	% cloud cover <sup>b</sup>	x	x	x	x	x	x	x	x	x	x
5	5	Air temperature <sup>b</sup>	x	x	x	x	x	x	x	x	x	x
5	5	Soil temperature	x	x	x	x	x	x	x	x	x	x
5	1 <sup>c</sup>	Soil respiration	x	x	x	x	x	x	x	x	x	x
5	1 <sup>c</sup>	Soil water content	x	x	x	x	x	x	x	x	x	x
1	1	Bulk density <sup>d</sup>	Measured during the first survey									
1	1	Water-filled pore space <sup>e</sup>	x	x	x	x	x	x	x	x	x	x
<b>Twice a year measurements</b>												
5	1 <sup>c</sup>	Soil fertility (N, P, K)				x			x			
5	1 <sup>c</sup>	pH				x			x			
5	1 <sup>c</sup>	Active carbon				x			x			
5	1 <sup>c</sup>	Soil organic matter				x			x			

<sup>a</sup> It is recommended that these measurements be taken at the beginning of the project.

<sup>b</sup> % cloud cover and air temperature are part of the site description, not soil health indicators.

<sup>c</sup> Measurement from a composite soil sample obtained from soil collected in the five replicate locations.

<sup>d</sup> Although it is a variable that is measured once a year, its value is used to calculate water-filled pore space on a monthly basis.

<sup>e</sup> Soil water content and bulk density are used to calculate water-filled pore space.