



Soil Health Analysis Pricing

Package Analysis

Benchmark Package (\$210): Includes Basic-SFW & PHYBIO packages. This is the first step for baseline assessment(s) for monitoring fields or management areas. For complete benchmark assessments the chemical/fertility package needs to be added to this package.

Basic-SFW Package (\$140): Recommended for annual biological monitoring of fields or monitoring areas. Includes Total Fungi & Total Bacteria Biomass, Protozoa and Nematode Functional Groups.

Basic-SFW (Compost, Extract, and/or Teas Package (\$150): Includes Total and Active Fungi & Total and Active Bacteria Biomass, Protozoa and Nematode Functional Groups.

PHY_BIO Package (\$115): Recommended for annual monitoring of fields or management areas as well as Carbon sequestration. Includes Soil Texture (if done in previous year, no need to be repeated), Active Carbon, Wet Aggregate Stability, Soil Respiration, TOC (Total Organic Carbon), TC (Total Carbon), TN (Total N), C:N Ratio.

CHEM/Fertility Package (\$60+): Chemical indicators recommended for annual or periodic monitoring of fields or fertility status

Custom Package (\$40+): If Custom Assessments are needed, such as: Plant or any material for wet digestions, Soil NH₄ / NO₃, Soil Total N and total soil minerals, Total Plant N and minerals, soil and/or compost microbiome, Qualitative microscopy Evaluation of liquid biological samples (QMELBiological), among others, please call for more information.

Individual Indicators:

Soil Food Web (SFW) Indicators

Active (\$30) & Total (\$25) Bacteria

Active (\$30) & Total (\$25) Fungi

Functional Groups Protozoa (\$45)

Functional Groups Nematode (\$45)

Mycorrhizal fungal: Spore (\$40) or Root Colonization (40)

Physical Indicators:

Texture (\$15)

Wet Aggregate Stability (\$25)

Bulk Density (Infield soil sampling known volume) (\$5)

Biological Indicators

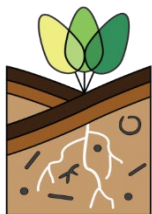
Soil Microbial Respiration (\$25)

Active Carbon (\$25)

Total C:N Ratio, TOC (Total Organic Carbon), TC (Total Carbon), TN (Total Nitrogen): (\$28)

Package	Description	Recommended for	Sample Size	Cost
Benchmark	Basic-SFW & PHYBIO See below	1 st step for baseline assessment. Monitoring fields or management areas	4-6 cups	\$215 (Still a good deal), Discount will be available for special projects
Basic-SFW	Total Fungi & Total Bacteria, Protozoa and Nematode Functional Groups	Annual monitoring of fields or management areas Compost, Compost Tea, Compost Extract	1-2 cups soil or compost/ 200 ml liquid	\$ 140 (soil) \$ 150 (compost)
PHY_BIO	Soil Texture, Active Carbon, Wet Aggregate Stability, Soil Respiration, TOC, TC, TN C:N Ratio	Annual monitoring of fields or management areas, as well as organic carbon monitoring	2-3 cups for soil	\$115
Individual Indicator	Active and/or Total Fungi, Active and/or Total Bacteria, Protozoa and Nematode Functional Groups, Spores and/or Root Mycorrhizal colonization, Soil Microbial Respiration, Active Carbon, Texture, C:N Ratio TOC, TC, TN	Annual monitoring of fields or management areas for specific soil health constraints after the field has been assessed for baseline parameters (Benchmark PKG), monitoring Carbon sequestration	1-2 cups	Refer to CARASHLab Assessment Package price for individual pricing
CHEM (Fertility)	Minerals (N,P,K, etc.), pH, EC, complete soil fertility.	Annual or periodic monitoring of fields or management practices, biological amendments	1-2 cups of liquid or solid material (can be taken from sample submitted if other packages listed above are chosen)	\$60 plus (depending on tests as well as chosen lab). Please call for more information
Custom Request	Any other soil test such as: Soil Total nutrients in plant and soil, Soil and plant material digestions, Soil NH ₄ /NO ₃ , Total soil Minerals, Total Plant minerals, QMELBiological, etc			

*Please add 5% GST to all packages and individual sampling orders



CARASHLab Soil Health Assessment Price

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<https://www.carasoilhealthlab.ca/>

Soil Microbiome_PKG

Please call for more information

SFW_PKG

Active (\$30) or
Total Bacteria (\$25)

Active (\$30) or
Total Fungi (\$25)

Functional groups
Protozoa (\$45)

Functional groups
Nematode (\$45)

Mycorrhizal Fungal: Spores
or Root colonization
Counts (\$50)

**Benchmark
Monitoring**

Phy_BiOthers

Bulk Density (5)

Texture (\$15)

Wet Aggregate
Stability (\$25)

Phy_Others

Soil Microbial
Respiration (\$25)

Bi_Others

Active Carbon (\$25)

PMN* (\$30)

PMN*: Potentially
Mineralized Nitrogen

C:N Ratio (TOC, TC, TN (\$28))

TOC: Total Organic Carbon (carbon
sequestration). TC:B Total Carbon, TN: Total
Nitrogen

Custom Request (Such as Total Soil Minerals (call for information))

CHEM/Fertility Analysis (\$60 plus)

it might be done in house or at a commercial lab

*Please add 5% GST to all packages and individual sampling orders