



**BASIC Soil Health Analysis Package \$50/sample (sample size 3 cups)**

- Recommended applications:** field crops, dairy, lawns
- > Soil pH, Organic Matter, Modified Morgan Extractable P, K, micronutrients
  - > Wet Aggregate Stability
  - > Soil Respiration
  - > Surface , sub-surface Hardness interpretation (optional- *you provide the penetrometer readings*)

**STANDARD Soil Health Analysis Package \$95/sample (sample size 4 cups)**

- Recommended applications:** organic production, veg crops, problem diagnosis, home gardens
- > Soil pH, Organic Matter, Modified Morgan Extractable P, K, micronutrients
  - > Soil Texture
  - > Wet Aggregate Stability
  - > Available Water Capacity
  - > Surface and sub-surface Hardness (optional- *you provide the penetrometer readings*)
  - > Active Carbon
  - > Soil Respiration
  - > Soil Protein

**COMPREHENSIVE Soil Health Analysis Package \$140/sample (sample size 6 cups)**

- Recommended applications:** urban/ suburban gardens, problem diagnosis, soil health initializing, home gardens, landscaped areas, corner lots, brownfields
- > Includes the **STANDARD Soil Health Analysis Package PLUS**
  - > Add-on Soluble Salts
  - > Add-on Heavy Metal Screening
  - > Add-on Bean Root Bioassay

**Useful Add-on Tests for the BASIC and STANDARD Package**

**Soluble Salts \$8/sample**

**Recommended applications:** high tunnels, lawns and urban areas, heavily composted areas, home gardens, landscaped areas

**Heavy Metal Screening \$25/sample**

**Recommended applications:** urban areas, home gardens, playgrounds, brownfields

**Bean Root Bioassay \$15/sample**

**Recommended applications:** home gardens, vegetables, problem areas

**Hot Water-soluble Boron \$15/sample**

**Recommended applications:** small fruits, vegetables, home gardens

**Soil penetrometer data-** record the highest number encountered in the 0-6" and the 6-18" depth for each subsample location

location 1		location 2		location 3		location 4		location 5		location 6		location 7		location 8	
0-6"	6-18"	0-6"	6-18"	0-6"	6-18"	0-6"	6-18"	0-6"	6-18"	0-6"	6-18"	0-6"	6-18"	0-6"	6-18"

**All of the soil analyses found in the Packages or the Add-ons are available from the Cornell Nutrient Analysis Lab. Use the Submission form S at this link:**  
[http://cnal.cals.cornell.edu/forms/pdfs/CNAL Form S.pdf](http://cnal.cals.cornell.edu/forms/pdfs/CNAL_Form_S.pdf)