

BASIC Soil Health Analysis Package \$60/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 \$110/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

EXTENDED Soil Health Analysis Package \$170/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 \$10/sample
Recommended applications: high tunnels, lawns and urban areas, heavily composted areas, home gardens, landscaped areas

Heavy Metal Screening \$30/sample
Recommended applications: urban areas, home gardens, playgrounds, brownfields

Bean Root Bioassay \$20/sample
Recommended applications: home gardens, vegetables, problem areas

Hot Water-soluble Boron \$15/sample
Recommended applications: small fruits, vegetables, home gardens

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

Sample #	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"
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																

Many of the soil analyses in the CASH packages are available as individual tests.

To order individual tests use the form found with this link:

<http://www.css.cornell.edu/extension/soil-health/individual.xlsx>