

**Oregon State University  
Soil Health Laboratory**

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**Manure and Compost Analysis Report**

Name: \_\_\_\_\_  
 Organization: \_\_\_\_\_  
 Contact for results: \_\_\_\_\_  
 Date submitted: \_\_\_\_\_  
 Date delivered: \_\_\_\_\_  
 Group number: \_\_\_\_\_



Sample ID		g water/g dry material	%								ppm	
Customer ID	Lab ID	Moisture	Total ash	P	K	Ca	Mg	C	N	S	NO3-N	NH4-N
	1											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											

**Method Descriptions:**

- Moisture                    Gravimetric moisture as sample is received. All other data reported on a dry matter basis
- Total Ash                Determined by taking ~6 g of soil dried at 105C for 24h, then placing soil in a pre-weighed crucible, heating crucible to 585C for 24h, and weighing crucible
- P, K, Ca, Mg              Extracted using 20% hydrochloric acid following a dry ash procedure. Extractions analyzed on Agilent 5100 ICP-OES
- CNS                        Dry combustion and direct measurement of total nutrients with Elementar vario MACRO cube
- NO3-N                     2M KCl extraction measured using Griess reagents on VWR V1200 spectrophotometer
- NH4-N                     2M KCl extraction measured on Lachat QuikChem 8500 Series 2 flow injection analyzer
- BQL                        Below quantifiable limits