

Chemistry Analysis

Report prepared for:
Karen Carlisle
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Noblesville, IN 46060 USA

Report Sent: 20 Dec 2018
Sample #: 01-128965
Unique ID: with out woodchips
Material Type: Soil
Plant: Beans
Season: fall
Invoice Number: 17045
Sample Recieved: 12 Dec 2018



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**For interpretation of this report please
contact your local Soil Steward or the lab.**

TEST	RESULTS (ppm)	OPTIMUM RANGE	RATING
pH	6.8	Neutral	N/A
Texture	Loam	N/A	N/A
Soluble Salts	0.11	<1.5	Optimum
% Organic Matter	2.65	5%12%	Low
Nitrates (NO3)	4	10-35	Low
Ammonium (NH4)	2	5+	Low
Phosphorus (P)	36	25-40	Optimum
Potassium (K)	165	300+	Low
Sulfur (S)	7	20+	Low
Calcium (Ca)	1904	1800+	Optimum
Magnesium (Mg)	155	250+	Low
Ca:Mg ratio	12:1	6-20:1	Optimum
Sodium (Na)	128	<225	Optimum
Zinc (Zn)	4.6	1.0-3.0	High
Copper (Cu)	0.9	0.8-2.5	Optimum
Manganese (Mn)	4	6-30	Low
Iron (Fe)	98	25+	High
Boron (B)	0.3	0.7-1.5	Low
Cation Exchange Capacity (CEC)	14	5-15	N/A
% Base Saturation	82	N/A	N/A
Lbs N / Acre	18	N/A	N/A
Notes			