

Chemistry Analysis

Report prepared for:
Cicero Farm Market
Karen Carlisle
22334 Prairie Baptist Rd
Noblesville, IN 46060 USA

Report Sent:
Sample #: 01-131119
Unique ID: Fall
Material Type: Soil
Plant: Beans
Season: fall
Invoice Number: 18268
Sample Recieved: 28 Oct 2019



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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 | Silt Loam | N/A | N/A |
| Soluble Salts | 0.33 | <1.5 | Optimum |
| % Organic Matter | 11.95% | 5%12% | Optimum |
| Nitrates (NO3) | 15 | 10-35 | Optimum |
| Ammonium (NH4) | 4 | 5+ | Low |
| Phosphorus (P) | 38 | 25-40 | Optimum |
| Potassium (K) | 162 | 300+ | Low |
| Sulfates (SO4) | 9 | 20+ | Low |
| Calcium (Ca) | 3162 | 1800+ | Optimum |
| Magnesium (Mg) | 260 | 250+ | Optimum |
| Ca:Mg ratio | 12:1 | 6-20:1 | Optimum |
| Sodium (Na) | 39 | <225 | Optimum |
| Zinc (Zn) | 7.7 | 1.0-3.0 | High |
| Copper (Cu) | 0.7 | 0.8-2.5 | Low |
| Manganese (Mn) | 7 | 6-30 | Optimum |
| Iron (Fe) | 49 | 25+ | Optimum |
| Boron (B) | 0.4 | 0.7-1.5 | Low |
| Cation Exchange Capacity (CEC) | 20 | 8-30 | N/A |
| % Base Saturation | 74 | N/A | N/A |
| Lbs N / Acre | 57 | N/A | N/A |
| Notes | | | |