

## Chemistry Analysis

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

Report Sent: 19 Jul 2019  
Sample #: 01-130261  
Unique ID: Soil 1  
Material Type: Soil  
Plant: Not Indicated  
Season: summer  
Invoice Number: 17859  
Sample Recieved: 12 Jul 2019



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

| TEST                           | RESULTS<br>(ppm) | OPTIMUM<br>RANGE | RATING  |  |
|--------------------------------|------------------|------------------|---------|--|
| pH                             | 7.8              | Moderately Basic | N/A     |  |
| Texture                        | Loam             | N/A              | N/A     |  |
| Soluble Salts                  | 0.13             | <1.5             | Optimum |  |
| % Organic Matter               | 10.22            | 5%12%            | Optimum |  |
| Nitrates (NO3)                 | 3                | 10-35            | Low     |  |
| Ammonium (NH4)                 | 1                | 5+               | Low     |  |
| Phosphorus (P)                 | 60               | 25-40            | High    |  |
| Potassium (K)                  | 473              | 300+             | High    |  |
| Sulfates (SO4)                 | 21               | 20+              | Optimum |  |
| Calcium (Ca)                   | 2826             | 1800+            | Optimum |  |
| Magnesium (Mg)                 | 261              | 250+             | Optimum |  |
| Ca:Mg ratio                    | 11:1             | 6-20:1           | Optimum |  |
| Sodium (Na)                    | 105              | <225             | Optimum |  |
| Zinc (Zn)                      | 1.8              | 1.0-3.0          | Optimum |  |
| Copper (Cu)                    | 2.2              | 0.8-2.5          | Optimum |  |
| Manganese (Mn)                 | 18               | 6-30             | Optimum |  |
| Iron (Fe)                      | 56               | 7+               | High    |  |
| Boron (B)                      | 0.8              | 0.7-1.5          | Optimum |  |
| Cation Exchange Capacity (CEC) | 12               | 5-15             | N/A     |  |
| % Base Saturation              | 112              | N/A              | N/A     |  |
| Lbs N / Acre                   | 12               | N/A              | N/A     |  |
| Notes                          |                  |                  |         |  |