

| CORNELL SOIL HEALTH TEST REPORT                        |                                                        |       |                                 |                          |
|--------------------------------------------------------|--------------------------------------------------------|-------|---------------------------------|--------------------------|
| Name of Farmer: Dorn Cox                               |                                                        |       | Sample ID: <a href="#">j202</a> |                          |
| Location: 11Randall Rd.,Lee,NH 03861                   |                                                        |       | Agent: 0                        |                          |
| Field/Treatment: Ford Field                            |                                                        |       | Agent's Email: 0                |                          |
| Tillage: no till                                       |                                                        |       | Given Soil Texture: 0           |                          |
| Crops Grown: GRE/GRE/GRE                               |                                                        |       | Date Sampled: 4/5/2012          |                          |
| Indicators                                             |                                                        | Value | Rating                          | Constraint               |
| PHYSICAL                                               | Aggregate Stability (%)                                | 59.0  | 90                              |                          |
|                                                        | Available Water Capacity (m/m)                         | 0.22  | 87                              |                          |
|                                                        | Surface Hardness (psi)                                 | 90    | 84                              |                          |
|                                                        | Subsurface Hardness (psi)                              | 260   | 63                              |                          |
| BIOLOGICAL                                             | Organic Matter (%)                                     | 4.2   | 69                              |                          |
|                                                        | Active Carbon (ppm) [Permanganate Oxidizable]          | 375   | 10                              | Soil Biological Activity |
|                                                        | Potentially Mineralizable Nitrogen (µgN/ gdwsoil/week) | 6.4   | 2                               | N Supply Capacity        |
|                                                        | Root Health Rating (1-9)                               | 5.3   | 50                              |                          |
| CHEMICAL                                               | pH (see Nutrient Analysis Report)                      | 5.9   | 44                              |                          |
|                                                        | Extractable Phosphorus (see Nutrient Analysis Report)  | 8.1   | 100                             |                          |
|                                                        | Extractable Potassium (see Nutrient Analysis Report)   | 154.6 | 100                             |                          |
|                                                        | Minor Elements (see Nutrient Analysis Report)          |       | 100                             |                          |
| OVERALL QUALITY SCORE (OUT OF 100):                    |                                                        |       | 66.5                            | Medium                   |
| Soil Textural Class:==> silt loam                      |                                                        |       |                                 |                          |
| SAND (%): 32.8      SILT (%): 53.2      CLAY (%): 14.0 |                                                        |       |                                 |                          |