TRUTERRA™
A LAND O'LAKES INC. Company

TRUTERRA™ SOIL HEALTH ASSESSMENT & PLAN

A REAL-TIME SNAPSHOT OF YOUR SOIL HEALTH

WHAT'S IN THE REPORT

WITHIN EACH TRUTERRA™ SOIL HEALTH ASSESSMENT, THE FOLLOWING PAGES CAN BE FOUND:

- Field Level Summary Report
    - A report for each field sampled (sampling occurred on approximately 1/3 of enrolled fields)
- Farm Level Summary Report
    - A summary report of all sampled fields (not included for farms with only 1 sampled field)
- Purpose & Measures page, which briefly explains the value of each soil health measure included in the assessments
- Appendix A – Summary by Field and Strata
    - Summary table of all sampled fields with their strata and soil health ratings
    - Your fields were subdivided (stratified) into areas (strata) with similar characteristics.
    - Samples collected from the same soil strata are likely comparable to each other if the historic management of those fields has been similar.
- Appendix B – Soil Health Assessment Results Table
    - Summary table of all soil sample health measures results
- Appendix C – Soil Fertility and Other Results Table
    - Summary table of all soil fertility results
- Legal disclaimer page

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READING THE REPORT

THE TRUTERRA™ SOIL HEALTH ASSESSMENT WAS DESIGNED FOR RETAILERS AND FARMERS WITH SUPPORT FROM THE SOIL HEALTH INSTITUTE'S SOIL HEALTH TARGETS RESEARCH.

The Truterra™ soil health assessment provides a detailed measurement of six key soil health metrics: aggregate stability, soil organic carbon, plant available water, soil pH, penetrometer resistance (compaction), and mineralization potential (CO2 respiration).

As you review the soil health levels using the individual field reports and table in Appendix A, you can identify any fields with differing soil health ratings as a way to evaluate current and past practice impacts.

- Understanding the past practices used in these fields will help you identify which practices positively or negatively impacted soil health. **Practices which are believed to impact soil health include:**

  - Feedlot
  - Grazing
  - Former CRP or other conservation practice
  - Silage harvest
  - Different crops or crop rotation
  - Nutrient and pH management
  - Drainage/irrigation
  - Tillage
  - Traffic patterns and frequency
  - Equipment size
  - Wet weather traffic
  - Land leveling

- "Management Practice Potential Impact on Soil Health Results", provides a general guide to the potential positive and negative impact various practices might have on each soil health measure. You can use this table to:
  - Determine which current or historical management activities may have contributed to differences in soil health between fields.
  - Identify future practices that could improve soil health in underperforming strata and fields.

Contact your Truterra™ retailer for more information and visit Truterraag.com/Enroll to explore potential program opportunities today.