



DICKEY-john®
A DIVISION OF TSI®

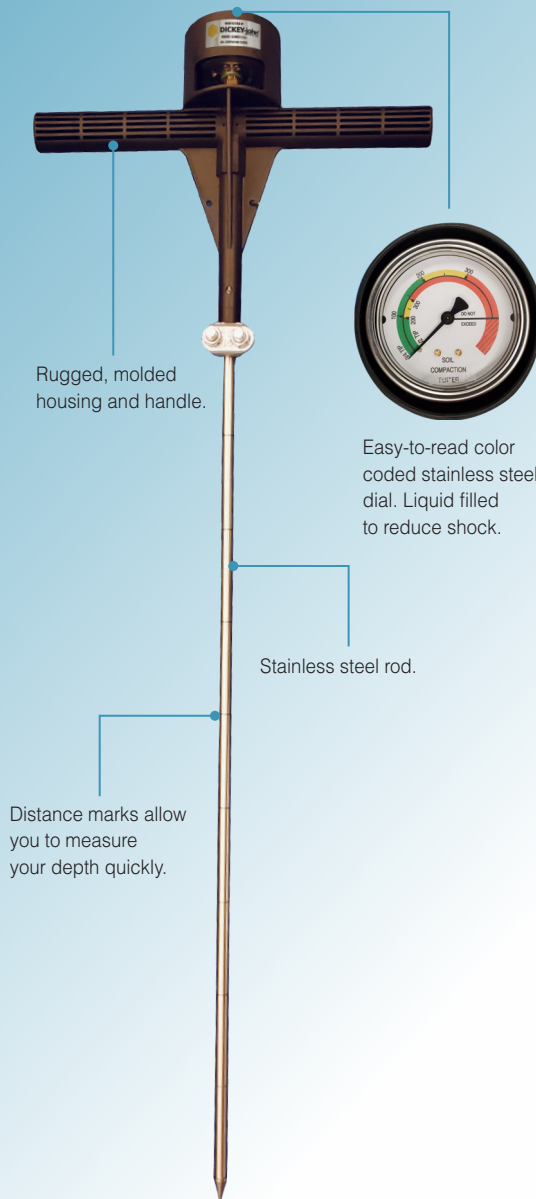
SOIL COMPACTION TESTER

**A simple, easy-to-use management tool that can help you:
INCREASE YIELDS. DECREASE COSTS.**

The High Cost of Compaction.

Soil compaction is a serious problem that continues to limit profitability. This happens in the following ways:

- First, compacted soils are much harder to work. Research demonstrates that over 90% more power is required to plow severely compacted soil.
- Second, compacted soil results in poor root and plant development. Compacted soil is dense; roots cannot grow in it. That can reduce yields by 20, 30, even 50% or more.
- Third, compaction severely restricts the manner in which soil naturally manages water. Both by holding water near the surface of the field and by limiting the ability of plants to take up water and nutrients from below. Excess surface water makes fields difficult to work during critical times of the year. Water trapped under the compacted layer reduces plant development and yields, especially during dry periods.
- Fourth, a compacted zone means that the fertilizers, pesticides and herbicides you apply cannot be utilized efficiently. If they are not absorbed, they can be washed away easily. Even more serious, they can be trapped near the surface in a concentrated form resulting in crop damage and yield reductions. They can also be captured under the compaction zone, compounding the problem.



Rugged, molded housing and handle.

Easy-to-read color coded stainless steel dial. Liquid filled to reduce shock.

Stainless steel rod.

Distance marks allow you to measure your depth quickly.

The Answers You Need.

The Dickey-john® Soil Compaction Tester gives you quick answers to the questions you need to ask about your tillage program and your field conditions.

- Is your soil compacted?
- How severely and at what depth?
- How deep have you actually been tilling?
- How deep do you need to till?
- How deep can your roots grow?
- If there's a problem, what's the best solution?
- Has your tillage system been hurting or helping the situation?

Is soil compaction costing you?

Find out fast with a simple, low-cost Dickey-john® Soil Compaction Tester.