

# Economy Soil Compaction Meter

Item # 6101



Thank you for purchasing the Economy Soil Compaction Meter. This sheet describes the features and operation of the meter.

Soil compaction prevents moisture penetration, reduces fertilizer and chemical uptake, and hinders plant root growth. In some cases, yield losses can run as high as 30% due to compaction.

It is recommended that compaction measurements be taken after a rain, or in the spring when the soils have good moisture content. Measuring soil compaction in dry soil conditions will not yield meaningful results. When measuring, use slow, steady pressure on both handles to take a reading.

The Economy Soil Compaction meter should be used before tillage to determine where the compacted areas of a field/plot are. Once the compacted areas, along with compaction depths, have been determined, a much more effective tillage system can be employed by targeting those areas.

The unit is an efficient diagnostic tool for field management after tillage has been performed. One can determine how deep the soil has actually been tilled and if tillage has solved the compaction problems. It also works well in turf management to measure the effect of aeration on the soil.

#### Features:

- Stainless Steel Rod
- Depth markings at every 3 inches up to 24 inches
- Designed to ASAE Standards

#### Specifications:

Range: 0-600 PSI  
Accuracy:  $\pm 30$  PSI

***Spectrum***<sup>®</sup>  
***Technologies, Inc.***

12360 S. Industrial Dr. E  
Plainfield IL 60585  
(800) 248-8873 or (815) 436-4440  
Fax (815) 436-4460  
E-Mail: [info@specmeters.com](mailto:info@specmeters.com)  
[www.specmeters.com](http://www.specmeters.com)