

Compaction Detector

Nitro-Bar & Air Tram

Soil Samplers

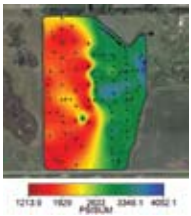
Compaction Depth Varies Greatly.

Many farmers are unaware that they are wasting fuel and time by running their ripper deeper than they need to in certain areas. In fact there are some parts of a field where there is no need to run a ripper. The data generated by the Compaction Detector can be used to control a hydraulic cylinder to vary the depth of tillage. The Compaction Detector will help lower expense in your tillage operation.

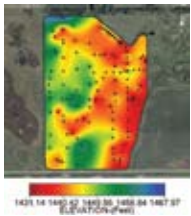


Advantages of the Compaction Detector

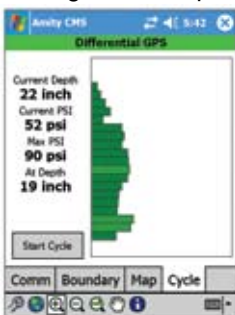
- Easy-to-use software
- Multiple-use software
- Fast – 100 to 120 probes/hr
- Very cost effective
- Can be mounted to anything mobile
- Data can be read by most GIS programs



Histogram Example



Histogram Example



Nitro-Bar Highlights

- Highly accurate
- Unaffected by boom height or movement
- Reduced risk of leaf burn
- Easy and quick to assemble
- Adaptable for all application rates



Air Tram Highlights

- Eliminates application skips and overlaps
- Eliminates yield loss from driving over healthy plants
- No loss of seed population
- Expansion of application windows
- Produces a healthier crop
- Night application reduces chemical use

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Crop Management Tools

01-10-500

Soil Samplers

Amity's line of soil sampling equipment is second to none. All Amity products have been engineered to meet and exceed the standards that today's farmers expect.



Model 2450 Highlights

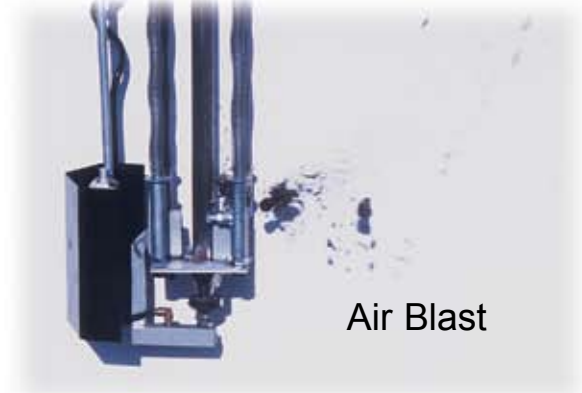
- Automated collection up to 25 samples
- Sample depth of 0-24 inches
- Cycle time: 10-12 seconds
- Easily adjusts to lay-down position
- Electric over hydraulic power unit
- Push-button controls with cord
- Adjustable height variations for different pickup models
- Stainless steel sampling parts
- Approximate weight: 225 lbs



ATV Highlights

Models: 2012-12" 2024-24" 2036-36"

- Automated collection up to 20 samples
- Sample depth of 0-36 inches (7/8" diameter auger)
- Optional short sample attachment
- Cycle time: 4-16 seconds
- Specially designed carbide-tipped auger
- Push-button controls with cord
- Sample all types of soil including frozen ground
- 6.5 hp Honda hydraulic power pack
- Approximate weight: 210 lbs



Air Blast – Oiler (Model 2450 only)

- Cleans tip after every sample
- Inline oiler lubricates tip
- Top quality compressor – 140 psi
- Operates with hand controls

Model 2400 In-Cab Highlights

- Direct push sampler
- Quick attach probe
- Sample depth of 0-24 inches
- Cycle time: 10-12 seconds
- Electric over hydraulic power unit
- Push-button controls with cord
- Mounts inside of cab in most vehicles
- Samples through frost



Three-Point Hitch

Models: 2403-24" 3603-36" 4803-48"

- Sample depth of 0-48 inches
- Cycle time: 10-12 seconds
- Utilizes the hydraulics from the tractor
- Can be mounted to any category 1-, 2-, or 3-pt hitch



Soil Funnel

- Plastic funnel for soil bagging
- Mount on any soil sampling vehicle
- Hold up to 25 samples
- Butterfly valve for accurate bagging

