



SOIL SAMPLERS

ECONOMIC AUTOMATED SAMPLERS

SOIL SAMPLER



AUTOMATED SOIL SAMPLING

Reduce time in the field with Amity Technology's robust soil sampling units. Auger-style probes provide a consistent sampling depth without lifting the mounted vehicle. There is a wide range of probes and augers available.

ATV/SIDE-BY-SIDE SOIL SAMPLER 3000 SERIES

ATV-mounted 3012, 3024, and 3036 samplers have a smaller, lighter platform with a specially designed carbide-tipped auger allowing sampling of all soil types – including frozen ground. The extremely fast cycle time of 10-22 seconds lets you collect more samples in less time and can collect up to 20 samples at a time. The 3036 is ideal for carbon sampling.

IN-CAB SOIL SAMPLER 2400

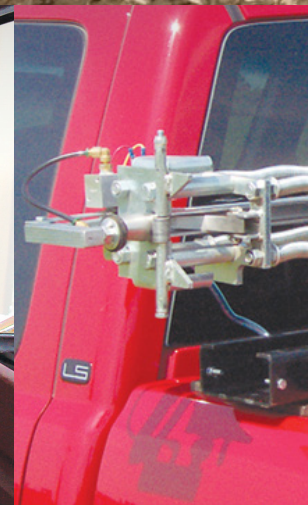
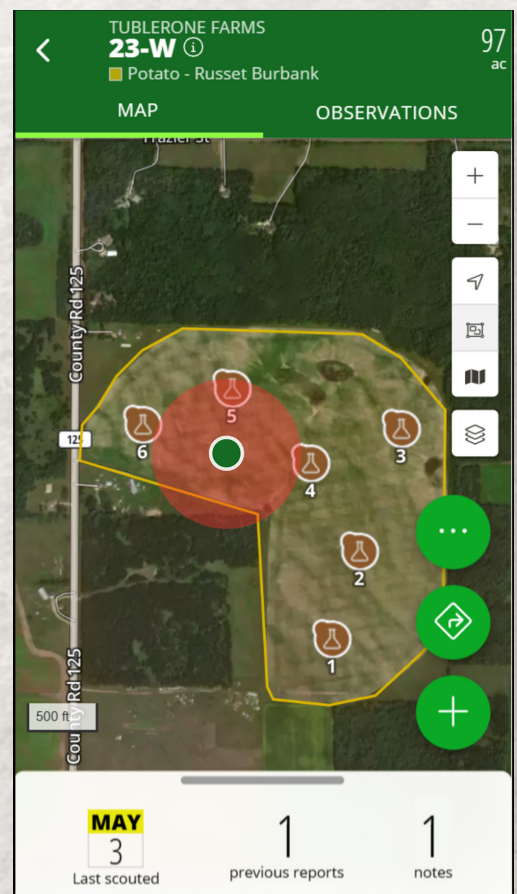
Sampling from the comfort of the pickup cab, especially during the fall, is important. The in-cab soil sampler has 6,000 lbs. of down force and has a 1.75-inch and 30-inch stroke. The unparalleled convenience with high-quality cores and fast cycle times of Amity Technology's In-cab Soil Sampler make it a great choice.



With FarmQA you can:

- 1) **Identify and track sampling points:** Upload data sets as KML/KMZ, GeoTiff or Shape Files; create or import zones and grids; or use a composite sampling method.
- 2) **Define locations:** Locate the field by map or list, navigate to the sampling location, and drop sampling pins.
- 3) **Manage tasks, teams, and workflow:** If you're covering a lot of ground, you can maximize route and dispatch efficiency and monitor progress via a color-coded map.
- 4) **Geo tag for reliable results:** With FarmQA, you gain repeatability, sampling same spots across seasons. Collect samples and use a barcode scanner to associate the sample with the location. Lab test results will be associated with that point when imported to your FarmQA account.
- 5) **Import and analyze results:** Import your lab test results and compare data across fields, crops, and growing seasons using FarmQA analytics.

FarmQA.com/solutions/soilsampling



PICKUP-MOUNTED SOIL SAMPLER 2450

Automatically collect up to 25 cores with the pickup-mounted soil sampler with push button controls from Amity Technology. The remote has a 10-foot cord so you don't need to get out of the cab for samples. The stainless steel sampling parts, 3,500 lbs. of down force, and sample depths of 0 to 24 inches make this sampler a workhorse during sampling season.

3-POINT HITCH-MOUNTED SOIL SAMPLER 4804

When deeper samples are needed, the 3-point, hitch-mounted hydraulic soil sampler is the answer. The sampler can be mounted onto any Cat. I or II, 3-point hitch and uses the tractor's hydraulics for operation. With sample depths of 0 to 48 inches and a cycle time of 12-20 seconds, this is a great option to collect your cores. Also a great tool for research projects.

FIELD-PROVEN SOLUTIONS™

Field-proven solutions from Amity Technology are grower-focused and grower-driven. We listen to growers, look for ways to make harvest more efficient, and engineer solutions for your farming operation.



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SOIL SAMPLER SPECIFICATIONS

ATV/Side-by-Side Soil Sampler 3000 Series	<ul style="list-style-type: none"> • Automated collection of up to 20 samples • 1x12", 3/4x24", and 3/4x36" diameter auger • Specially designed carbide tipped auger • Low profile • Push button controls with cord • All types of soil 	<ul style="list-style-type: none"> • 0-24" sample depth • 2 hydraulic motors • 6.5 hp Honda hydraulic power pack • 10-22 sec. cycle time • 210 lbs. • 12, 24, and 36" sample depth
In-cab Soil Sampler 2400	<ul style="list-style-type: none"> • Direct push soil sampler • Manual collection • Quick attach probe • Electric over hydraulic power unit • Push button controls with cord • Dry tip and wet tip options • Samples in frozen ground up to 24" 	<ul style="list-style-type: none"> • 0-24" sample depth • 6,000 lbs. down force • 1 3/4" bore x 30" stroke cylinder • 11-17 sec. cycle time • 210 lbs.
Pickup-mounted Soil Sampler 2450	<ul style="list-style-type: none"> • Automated collection of up to 25 samples • Easily adjusts to sampling position • Electric over hydraulic power unit • Push button remote control with cord • Adjustable height variations for pickup models • Stainless steel sampling parts 	<ul style="list-style-type: none"> • 0-24" sample depth • 3,500 lbs. down force • 1 1/2" bore x 30" stroke cylinder • 10-12 sec. cycle time • 225 lbs.
3-point Hitch-mounted Soil Sampler 4840	<ul style="list-style-type: none"> • Mounted on any Cat. I or II hitch • Fast cycle time • Sample depth of 0-48" • Utilizes the hydraulics from the tractor 	<ul style="list-style-type: none"> • 0-48" sample depth • 0 hydraulic motors • 12-20 sec. cycle time • 185 lbs.

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TECHNOLOGY



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