Course and Description **Password to access all courses: Truterra23**	Approx. Time (min)	CEU's (pending approval)	
1. Soil Health Assessment - Intro to Individual Measurements https://www.brainshark.com/landolakeswu/vu?pi=zI4z7fWlSzZxbCz0 This is the first training module of a multi-part series on soil health assessment (SHA) measurements. The goal of each training is to provide more depth and insight into each measurement, the value of these measurements, how they are measured it in the lab or in the field, and how to interpret the results and gain insights on the soil health status and ways to improve it, and ultimately connect soil health recommendations to agronomic practices to aid growers on their journey to successfully make practice changes to improve soil health and yield resilience.	16	1.0	Soil & Water
2. Aggregate Stability https://www.brainshark.com/landolakeswu/vu?pi=zItzYlfIrzZxbCz0 We will deep dive into aggregate stability and the important insights it brings to understanding soil health status. What it is, what it can tell us about what's happening on and in the soil, measurement methods, how to interpret aggregate stability data, and what practices can be used to influence a fields aggregate stability.	33		
3. Soil Organic Carbon https://www.brainshark.com/landolakeswu/vu?pi=zGbz4ZIO4zZxbCz0 In this session we will do a deep dive into soil organic Carbon and the role it plays in understanding soil health status. What it is, what it can tell us about what's happening on and in the soil, measurement methods, how to interpret the results, and what practices can be used to influence a fields organic carbon content.	32	0.5	Soil & Water
4. Soil Compaction and Penetrometer Resistance https://www.brainshark.com/landolakeswu/vu?pi=zHIzO3ZWQzZxbCz0 In this session we'll be discussing soil compaction as well as mineralization potential and their importance in understanding soil health status. Compaction as measured by penetrometer resistance, other measurement methods, what it can tell us about what's happening in the soil, how to interpret the results, impacts on crop growth, and what can be done to improve soil compaction levels.	21	1.0	Soil & Water
5. Mineralization Potential - CO2 Respiration https://www.brainshark.com/landolakeswu/vu?pi=zIuzRwVTtzZxbCz0 Mineralization potential and using CO2 respiration measurements, what it can tell us about the soil's health status and potential for improvement, how it's measured, how to interpret the results, and what practices can be used to improve soil mineralization and biological activity.	29		
6. Plant Available Water Holding Capacity https://www.brainshark.com/landolakeswu/vu?pi=zGZzF1VW4zZxbCz0 This session will cover plant available water holding capacity and its importance in understanding soil health status. Plant available water: What it is, how it impacts the potential to improve a soil's health status, how it's quantified, and what management methods can be used to improve soil water holding capacity.	24	1.0	Soil & Water
7. Soil pH https://www.brainshark.com/landolakeswu/vu?pi=zI6zNcWZSzZxbCz0 Soil pH: Why it's important when evaluating soil health, measurement methods, how to interpret the results with soil health improvement in mind.	22		

Password to access all courses: Truterra23