

## SOIL HEALTH WORKSHOP

August 29, 2017 - 9:00 a.m.—3 p.m.; Plot Tour to Follow at 3:30 p.m.

Family Life Center, EUM Church, 227 Pennsylvania, Holton, KS



David Brandt farms 1,150 acres in central Ohio's Fairfield County. He began no-till farming in 1971 and has been using cover crops since 1978. He plants various blends of cover crops to find out what benefits they provide to improve soil.

**Meal and refreshments are provided free compliments of Arbor Sod & Seeding , the Jackson County Conservation District and local sponsors. Call (785) 364-3329, ext. 136 by August 23rd to reserve your meal and seating.**

**9 a.m. David Brandt - Cover crops as an anchor of a diverse crop rotation, continuous no-till system to increase organic matter, sharply reduce fertilizer costs, eliminate soil compaction, and increase water infiltration.**

**10:30 a.m. Break**

**10:40 a.m. Abe Collins - Part 1— Discuss tools and potential benefits, challenges and scenarios in which farmers' incomes are increased and cities' costs are decreased when policy and infrastructure can support payment to farmers for the quantified provision of watershed services like flooding-reduction, groundwater recharge and purification of ground and surface-water.**

**11:45 a.m. Lunch, Compliments of Arbor Sod & Seeding**

**12:30 p.m. David Brandt - Continue topic**

**1:30 p.m. Abe Collins - Part 2 - Discussion of the New Soil Matrix, a thinking-aid for managing grazing and cropping to grow new topsoil.**

**2:30 p.m. Shane New - Soil Biology**

**3:00 p.m. Questions and Answers**

**3:30 p.m. Plot Tour - Shane New's Farm - 11760 254th Rd Holton**

If you need accommodation, please call the conservation district office at (785) 364-3329, ext. 136

The U.S. Department of Agriculture is an equal opportunity employer and provider."



Abe Collins of Winooski, Vermont is a grazer and consultant who works with land-managers to grow topsoil, livestock and crops and design and build water secure agricultural landscapes. He is co-founder of LandStream, a startup building a collaboration-platform for achieving deep-topsoil watersheds with full ecological accounting and quantification of watershed-services demand and supply.

**Sponsors Include:** Jackson County Conservation District, KDA-Division of Conservation, NRCS, Kansas Department of Health and Environment, SARE and Arbor Sod & Seeding. "Funding provided by the KDA-DOC through appropriation from the Kansas Water Plan."