

A man wearing a blue shirt and sunglasses is operating a black tractor in a field. The tractor is equipped with a large, green, heavy-duty tillage implement, possibly a moldboard plow or a similar soil-turning device. The machine is turning over dark, rich brown soil, creating a rough, clumpy surface. The tractor has large, treaded tires and a prominent orange triangular warning sign on its side. The background shows a line of green trees under a cloudy sky. In the foreground, a concrete curb separates the tilled area from a paved road, with some green plants growing along the edge.



**SOUTHERN
SARE**
Sustainable Agriculture
Research & Education



**Center for Crop
Diversification**
*Martin-Gatton College of Agriculture,
Food and Environment*

[illegible]

Please fill out this
evaluation survey.
We want to hear your
feedback!



THANK YOU TO OUR SPONSORS















This event would not have been possible without the creativity, hard work, and dedication of the many talented people and organizations who contributed their time and expertise. We are especially grateful to our sponsors—**Southern Sustainable Agriculture Research and Education (SSARE)** and the **Midwest Transition to Organic Partnership Program**—for their generous support and commitment to growing a more sustainable future.

SCHEDULE

Registration, coffee, tradeshow	8–10 am
Welcome, opening remarks	9–9:15 am
Tradeshow time	9:15–10:15 am
Ed Sessions	
Tillage Tools and Strategies	10:30–11:15 am
Stale Seedbed Tools and Strategies	11:15 am–12 pm
Lunch	12–12:45 pm
Breakout Sessions	
4-wheel & 2-wheel	1–3:15 pm
Choose Your Own Adventure	3:15–3:45 pm
Surveys and Ice cream sandwiches	3:45–4:00 pm
Adjorn	4:00 pm

UK HORTICULTURE RESEARCH FARM

MAP

-  WALKING PATHS
-  EDUCATIONAL SESSIONS
-  LUNCH TENT
-  4-WHEEL TRACTOR TRACK
-  WALK-BEHIND TRACK
-  TRADE SHOW
-  REGISTRATION
-  RESTROOMS
-  NATIVE FLOWER RESEARCH
-  DRIP TAPE BURRIER
-  SOLARIZATION RESEARCH
-  PARKING
-  HYDRATION STATIONS
-  LACTATION ROOM



DEMO AREA NOTES

- Morning Sessions: Buckwheat planted on 8/18 and 9/8. Flail mowed within week of event.
- Transplanted kale on 9/8
- Direct seeded radish on 9/4

CHOOSE YOUR OWN ADVENTURE [CYOA]

YOU CAN DO ANY OR ALL OF THE FOLLOWING

- Revisit a demo/company you'd like to see again
- See machines in a different demo area (4-wheel or 2-wheel)
- Check out one of the special demos note (see the map on page 2 for these demo locations)

SPECIAL CYOA DEMOS

- Solarization
- Native cut flower research
- Drip tape burrier

4-WHEEL

	Green	Orange	Purple	Pink
1-1:15	Treffler	Farmall Lazy Eight Set-up	Bayshore	Kult Kress Argus
1:17-1:32	Einbock	Tilmor Super E	Farmall Timor baskets	Garford
1:34-1:49	Farmall Lazy Eight Set-up	Bayshore	Kult Kress Argus	Treffler
1:51-2:06	Tilmor Super E	Farmall Timor baskets	Garford	Einbock
2:08-2:23	Bayshore	Kult Kress Argus	Treffler	Farmall Lazy Eight Set-up
2:25-2:40	Farmall Timor baskets	Garford	Einbock	Tilmor Super E
2:42-2:57	Kult Kress Argus	Treffler	Farmall Lazy Eight Set-up	Bayshore
2:59-3:14	Garford	Einbock	Tilmor Super E	Farmall Timor baskets
3:16-3:45	CYOA	CYOA	CYOA	CYOA

WALK-BEHIND

	Blue	Red	Yellow	Grey
1-1:15	Power Ox	Einbock mini-tine weeder	Planet Jr	Johnny's hand tools
1:17-1:32	Terratek Wheel Hoe	Earthtools grillo + cultivator	BCS flail mower and power harrow	Earthools hand tools
1:34-1:49	Einbock mini-tine weeder	Planet Jr	Johnny's hand tools	Power Ox
1:51-2:06	Earthtools grillo + cultivator	BCS flail mower and power harrow	Earthools hand tools	Terratek Wheel Hoe
2:08-2:23	Planet Jr	Johnny's hand tools	Power Ox	Einbock mini-tine weeder
2:25-2:40	BCS flail mower and power harrow	Earthools hand tools	Terratek Wheel Hoe	Earthtools grillo + cultivator
2:42-2:57	Johnny's hand tools	Power Ox	Einbock mini-tine weeder	Planet Jr
2:59-3:14	Earthools hand tools	Terratek Wheel Hoe	Earthtools grillo + cultivator	BCS flail mower and power harrow
3:16-3:45	CYOA	CYOA	CYOA	CYOA

DEMONSTRATORS

EARTH TOOLS INC.

earthtools.com

North America's largest and most comprehensive sales and service dealer of walk-behind agricultural equipment, specializing in walk-behind tractors and implements, and professional-quality handheld gardening tools. Nationwide shipping & service support.

GARFORD/ZURN USA

garford.com

Garford Farm Machinery Ltd is a development, manufacturing and distribution company supplying high quality products to the UK and world agricultural market. Garford manufactures a range of robotic mechanical weed control products including Robocrop Precision Guided Hoes, InRow Weeders, Baby Leaf Hoe, manual hoes and hooded sprayers.

TILMOR

tilmor.com

Tilmor offers specialty crop growers and market gardeners a wide range of tools to assist in the fertilizing, planting, and mechanical weed control. Our full line of products can be found on our website and many products can be seen in action on our youtube channel. Additionally we are distributors for other quality brands including Thiessen and Terrateck.

TREFFLER-MAN@MACHINE

organicmachinery.net

Treffler-Man@Machine is an importer for Treffler Organic Machines. We work together with farmers world-wide to promote a complete line of machines for organic and conventional farms. Our goal is to bring Treffler precision technology to farmers. Our precision cultivators give you a 100% cut turning your field back to black with as little as 2cm soil disturbance. Treffler precision harrows are gentle on your crop by pre-emergence and early on. Later, when your crop is more established, adjust the pressure and harrow aggressively to break open a crust or combat intense weed pressure.

TILTH SOIL

tilthsoil.com

Tilth helps growers improve their fields, grow outstanding transplants, and reduce weed pressure through LIVING SOIL products that start with the microbiology of N.O.P.-compliant foodscrap compost.

& EXHIBITORS

FARM POWER DISTRIBUTION

arm-power.us

Farm Power Distribution is committed to supporting the farmers of tomorrow, working together to shape the future of agriculture. Our goal is to boost long-term farm profitability by providing the ideal tools to improve yields and simplify farming - all with sustainability at the core. Leveraging cutting-edge technology in mechanical weed control, tillage, and grassland care, we strive to exceed expectations and set new standards for sustainable and successful farming.

OHIO EARTH FOOD

ohioearthfood.com

Since 1972 Ohio Earth Food has been delivering organic inputs to your farm! Soil testing to maximize soil health and performance, fertilizers, seed starting soils and disease, weed and insect control, all approved for certified organic!

HATZENBICHLER

bayshoresales.com
hatzenbuchler.com

Hatzenbichler is an Austrian equipment company focused on improving mechanical weed control. They produce hydraulic and pneumatic tine harrows, row cultivators, camera guidance hitches, air seeders, rotary hoes and other weed control and soil preparation equipment. Bay Shore Sales in Unionville, MI is the distributor with seven dealers located across the United States.

WETTERFROSCH FARM TOOLS

wetterfrosch.farm

Farmer owned tools company specializing in Sumisansui 'gentle rain' overhead irrigation system. Imported from Japan and adapted for North American farmers. Multi-season durability makes Sumisansui a cost effective tool.

JOHNNYS

johnnyseeds.com

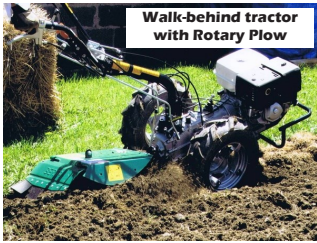
Johnny's offers unique and effective weed control tools to help implement a comprehensive weed management strategy. Choose from classic and innovative long-handled hoes and handheld weeders to cultivate around crops. We also offer silage tarps and flame weeders to help you reduce weed pressure through stale seed bedding techniques. Explore the use of wheel weeders and wheel hoes for fast, accurate, and quiet weed control at a larger scale.

EARTH TOOLS

FARMING with your FEET on the EARTH



North America's largest supplier of
Walk-Behind Farming Equipment



Walk-behind tractor
with Rotary Plow



Walk-behind tractor
with Power Harrow



Walk-behind tractor
with Flail Mower



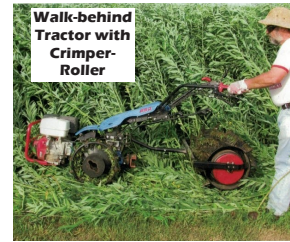
Walk-behind tractor
With haybaler

INDISPENSABLE: THE WALK-BEHIND TRACTOR FOR THE EFFICIENT SMALL-SCALE FARM



Walk-behind tractor
with Adjustable
Cultivator

- Over 50 Implements!!!!
- All Gear & shaft driven—NO belts or chains!
- Implements change in 1—2 minutes
- Full range of accessories to adapt to terrain
- Long-life Automotive clutch
- Commercial-duty Gas engines, electric start available
- Full parts & service support
- Nationwide shipping!!

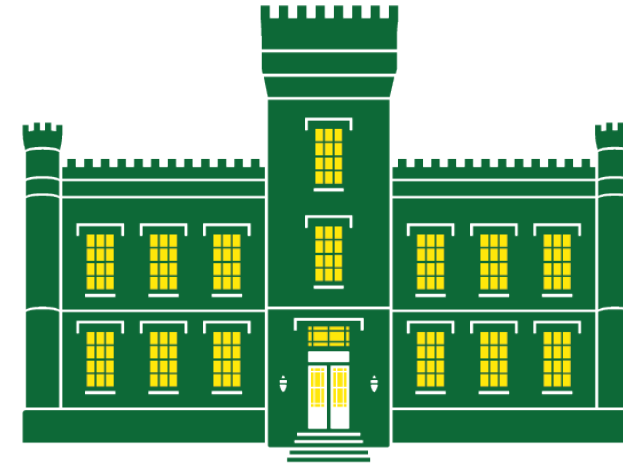


Walk-behind
Tractor with
Crimper-
Roller

ALSO: Your source of Professional-Quality Gardening Tools!



Proud sponsor of this field day!



KENTUCKY STATE UNIVERSITY

College of Agriculture, Health,
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CCD

ccd.uky.edu

The University of Kentucky Center for Crop Diversification (CCD) helps farmers and businesses to plan, grow, and market better. We create and curate up-to-date, relevant, and accessible publications, price reports, videos, and in-person training opportunities.

OAK

oak-ky.org

The Organic Association of Kentucky (OAK) is a farmer-founded and farmer-led nonprofit organization with a mission to advance organic agriculture in Kentucky. OAK offers educational programs, technical assistance and marketing services designed to meet the needs of small and medium-sized farm businesses across the state. OAK's work builds soil health, economic opportunity and local food access for a thriving and resilient Kentucky food and farming system.

GLACIAL DRIFT

glacialdrift.net

Sam Oswald Tilton offers farm planning, machinery, and weed management consultations and educational services through Glacial Drift Enterprises. He has a Master's degree in Horticulture at Michigan State University, where he built and researched mechanical weeding tools. Sam organizes the Midwest Mechanical Weed Control Field Day. He has worked at several farms, was the Midwest Sales Representative for the German machinery company KULT-Kress, taught Sustainable Landscape Horticulture at Lakeshore Technical College, and is a Training Specialist with the Organic Agronomy Training Service.

SPECIAL THANK YOU

A very special thank you to the UK South Farm Crew for their hard work and support in making the Mechanical Weed Control Field Day a success. We are especially grateful to Neil Wilson for his time, expertise, and dedication in helping plan and implement this event.