

No·till

On The Plains

Agriculture Systems Modeling Nature

WHIRLWIND NO-TILL EXPO

Apache, Oklahoma

Tuesday July 14, 2015

AGENDA *subject to change without notice*

9:00 a.m. (Central Daylight Time) Mindemann Farms, 17022 County Road 1450 Apache, OK.

9:00 a.m. Welcome, Steve Swaffar, No-till on the Plains and Alan Mindemann Landowner/Host

NRCS Soils Demonstrations

Rainfall Simulator presentation & Soil demonstrations

Oklahoma NRCS staff will demonstrate the importance of residue cover for erosion prevention using a rainfall simulator. They will also show the importance of soil structure that can be restored and built using continuous no-till systems.

Greg Scott

Professional Soil Scientist, Tyron, OK

Greg will be discussing soil quality, soil structure and the positive impacts of continuous no-till on soil health. See the soil horizons in the soil pit. Come experience his vast knowledge of soil quality and agronomic expertise in an easy-to-understand manner. He will answer all of your questions on continuous no-till and nutrient management.

12:00 p.m. Lunch

Caddo Kiowa Technology Center, 415 7th St, Fort Cobb, OK 73038

Dr. Randy Taylor, Oklahoma State University Professor and Extension Machinery Specialist, Stillwater, OK

Randy is an extension machinery specialist. Before joining the faculty at Oklahoma State, he spent 15 years as a state extension specialist at Kansas State University. He has conducted research on no-till seeding systems, GPS accuracy, and using yield monitor data and has been actively involved with on-farm research groups. Recent research involves using sensors in variable rate application of crop inputs and evaluation of seeding equipment for no-till systems.

Matt Alig

No-till producer, Okarche, Oklahoma

Matt Alig's production system is unique among no-till producers. He has been no-till since 1997 and his operation consists of both cropland and grass. He typically prefers to graze crops rather than harvest grain given the extreme weather variability of freeze and hail risk. Matt grazes stocker cattle and sheep. Winter pasture consists of triticale, rye, wheat or oats in mixtures, but he also uses barley, turnips rape, radish and peas. In summer he plants milo, haygrazer, sunn hemp and cowpeas for cover, soil health and nitrogen fixation.

Jimmy Emmons

No-till producer, Leedey, Oklahoma

Jimmy farms nearly 2000 acres in Dewey County. He began to use cover crops three years ago as a way to improve soil health. He was curious about the water use of cover and invested in soil moisture probes to assess how much water they were actually using. He is also looking at cover crops as a forage source for cattle and what might be done to heal native grass pastures with cover crops. Jimmy will share what he has learned and observed using no-till and cover crops.

4:00 p.m. *Interactive Q & A*

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