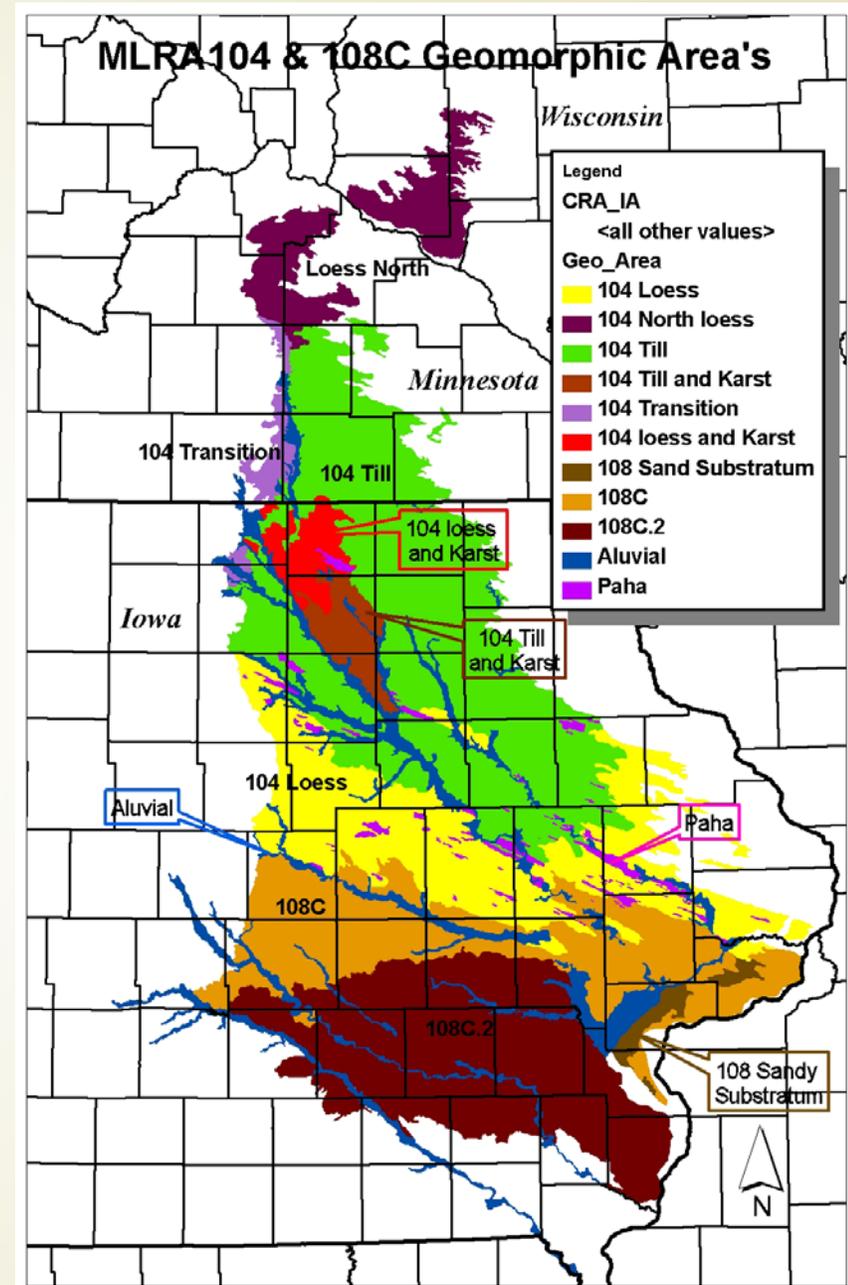




Waverly Soil Survey Office

MLRA 104 & 108C Geomorphic Areas





Waverly SDJR and TSS

- 198 SDJR Projects for FY 2015
 - 278 SDJR Projects done to date.
 - 68 SDJR Projects for FY 2016
 - 803 hours of TSS form FY 2015 -15%
- 

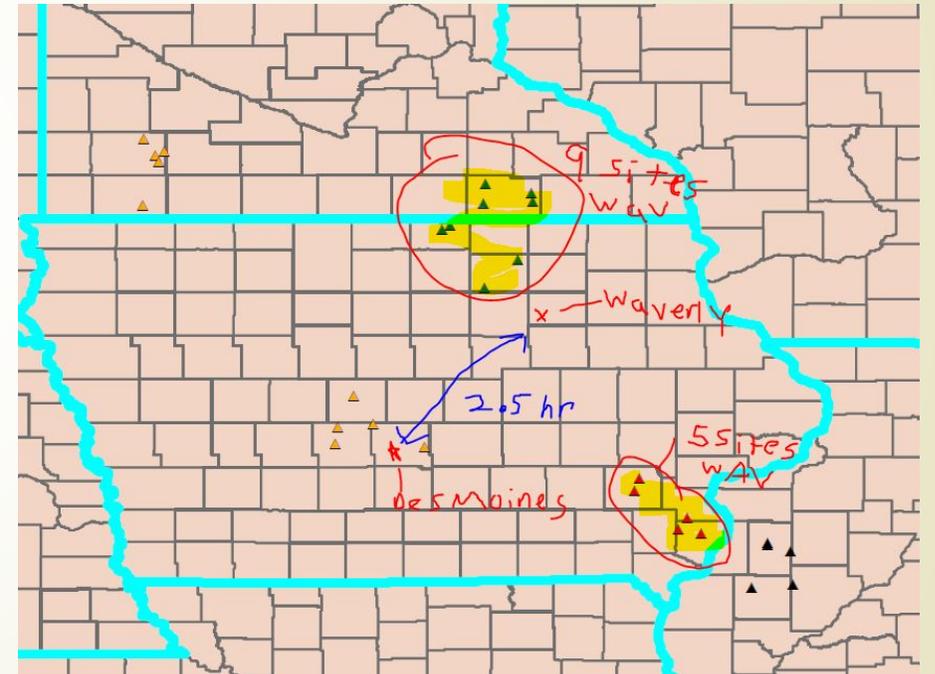


Ecological Site Descriptions

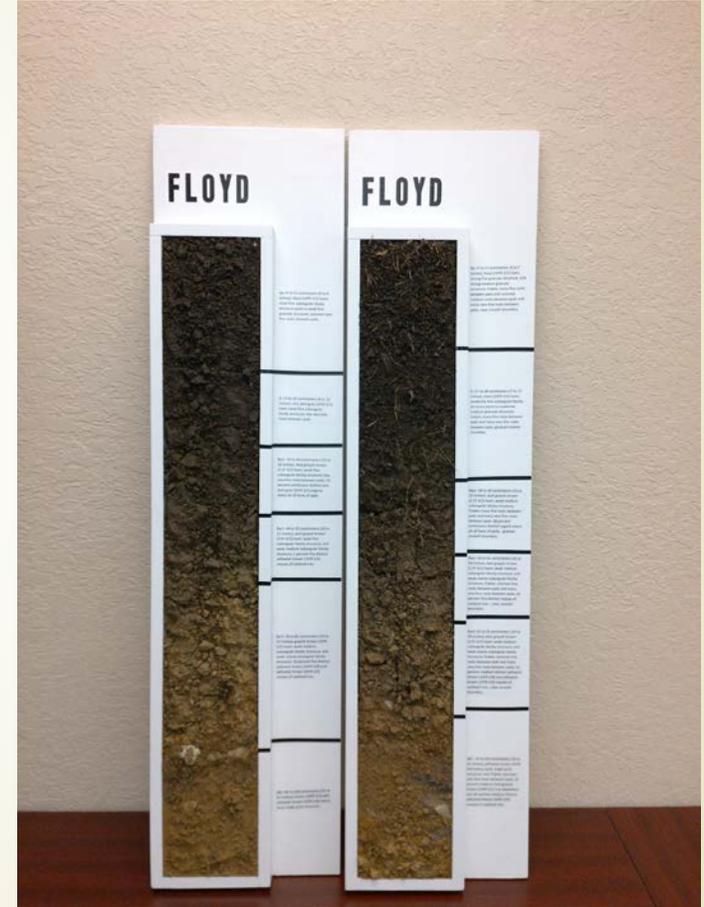
- ▶ Provisional ESD Legend
 - ▶ 69 Ecological site descriptions on legend
- ▶ All Components in MLRA 104 and 108C sorted into ESD groups

NRI for FY 2016

- 15 Natural Resource Inventory Soil Monitoring network sample locations this FY

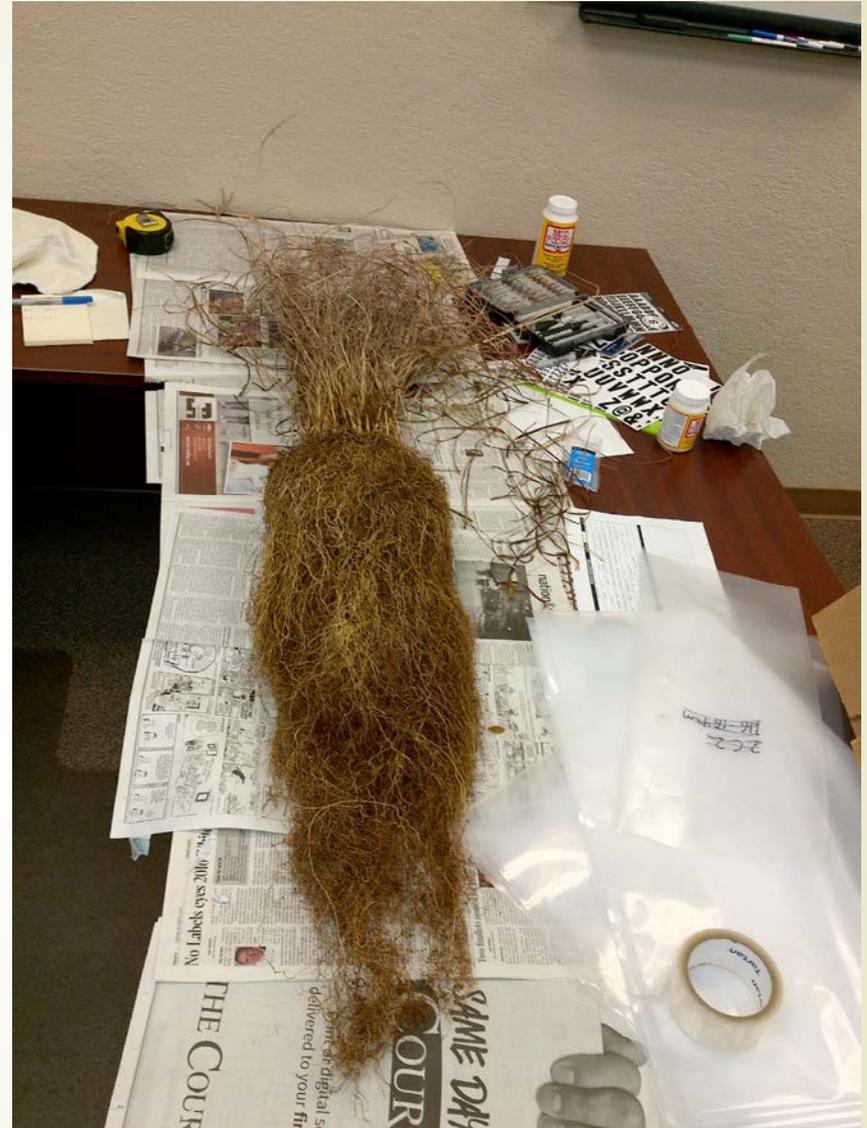


Soil Monolith for Tallgrass Prairie Center

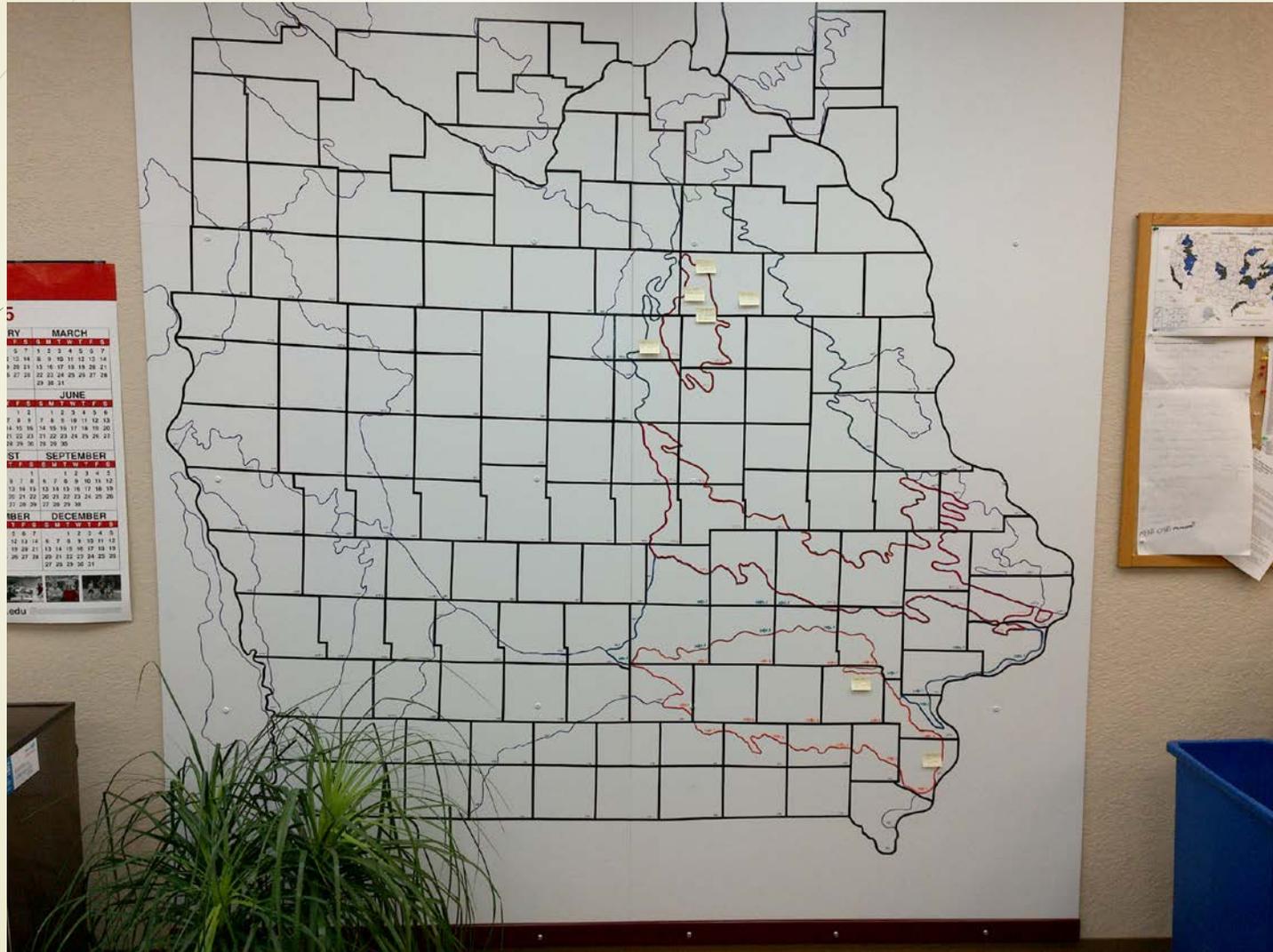


Prairie Grass Root Display

In exchange for soil monoliths the Tallgrass Prairie Center gave the Waverly Soil Survey Office a root display of Little Bluestem prairie root



New Soil Office Planning Map



Dynamic Soil Property Trailer

New for FY 2016



Soil Respiration



Soil Respiration



Soil Your Undies

<http://www.ifao.com>

INNOVATIVE FARMERS
ASSOCIATION OF ONTARIO

Reduce Tillage to Improve Soil Health, Prevent Soil Erosion and Increase Profit

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Video of contest details

Bury 100% cotton underwear in your field on Sept 7th. Dig them up 8 weeks later. The pair that has decomposed the most wins a conference registration!

"Soil" your undies to Win!

Video comparing decomposition of undies buried in no till/cover crop versus tilled soil.

Contest Rules

2016 Marketing Workshop
Tuesday, December 15, 2015, Guelph

Mike Mock, The Andersons Group
Steve Kell, Parrish & Heimbecker "Building A Market Plan for 2016"
Gord Nysteu, Input Capital "Introducing a New Contracts Tool"
Craig Drury, Ag Canada "Economizing with Nitrogen Inhibitors"
Cost of Production Panel

Early Bird Registration \$99 to Dec 4th
\$130 Dec 5- 11 Registration Deadline Dec 11th

Agenda Register Here

Innovative Farmers 2016 Conference
February 23 and 24, 2016, London

Joel Gruver, Western Illinois University
Soil Organic Matter and Cover Crops

Tom Sewel, UK
Moving From Sustainable to Regenerative Ag

Jamie Scott, Indiana Cover Crop Guru
Cover Crops on a 2,000 Acre Operation
Aerial Cover Crop Seeding
on NoTill and Strip Till

Loran Steilage, Iowa Innovator
Interseeding Cover Crops into Continuous
Corn and Equipment Innovator Extrordinaire

Steve Larocque, Alberta Operator and Advisor
Full Controlled Traffic Farming and
Inter-row Seeding

Complete Agenda and Registration
Coming Soon

- Waverly SSO soils their undies in attempt to understand soil health



Buried 4 pairs of underwear for 6 weeks

- ▶ All in the same Marquis soil polygon
 - ▶ R1 – Garden amended with compost
 - ▶ R2 – No-till corn field
 - ▶ R3 – Conventional tilled corn field
 - ▶ R4 – cool season grass sod (50 years)
- 

Waverly SSO entry after 6 weeks



Rep R1



- Initial weight of 54.1 grams
- Final weight of 44.7 grams
- Loss of 9.4 grams

Rep R2



- ▶ Initial weight of 55.1 grams
- ▶ Final weight of 43.4 grams
- ▶ Loss of 11.7 grams

Rep R3



- ▶ Initial weight of 55.1 grams
- ▶ Rep lost due to fall tillage

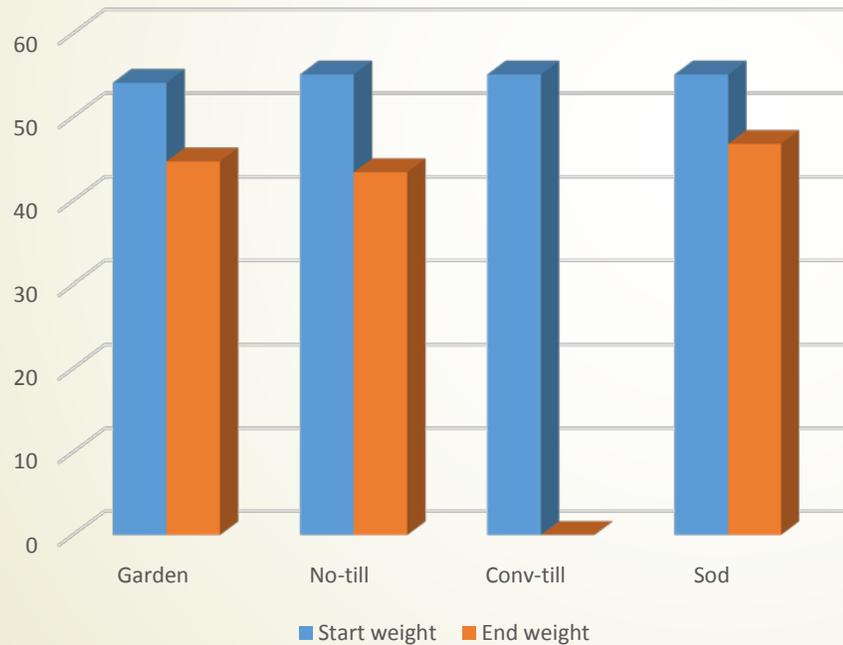
Rep R4



- ▶ Initial weight of 55.1 grams
- ▶ Final weight of 46.8 grams
- ▶ Loss of 8.3 grams

Results from the Dirty Waverly Underwear

Start and end weights



% decomposition

