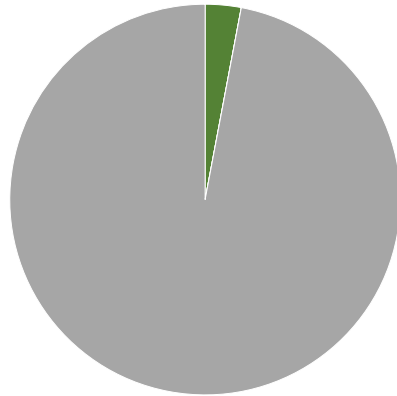
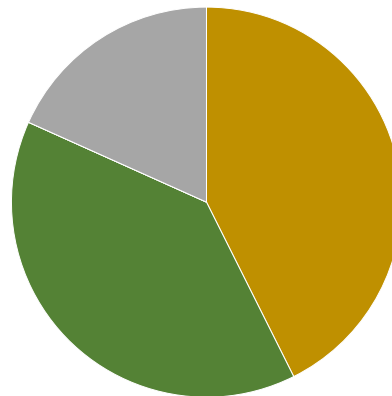


UNION  
2019 Fall Cover Crop and Tillage Transect

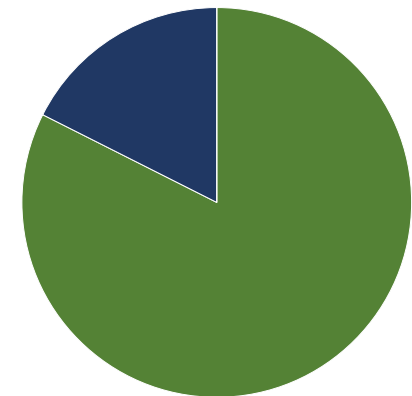
Living Cover Acres



Not Tilled Acres



Tillage Systems



■ Corn      ■ Soybeans      ■ Corn      ■ Soybeans      ■ Small Grains      ■ Not Tilled      ■ Conservation Till      ■ Conventional Till  
■ Small Grains      ■ Specialty Crops      ■ Specialty Crops      ■ Other Systems

Crop	NASS CropScape Acres	Living Cover Percentage	Living Cover Acres	Not Tilled	Not Tilled Acres	Conservation Till	Conservation Till Acres	Conventional Till	Conventional Till Acres
Corn	31,947	0%	-	85%	27,155	15%	4,792	0%	-
Soybeans	31,533	6%	1,892	79%	24,911	20%	6,307	0%	-
Small Grains	237	0%	-	0%	-	0%	-	0%	-
Specialty Crops	1.3	0%	-	0%	-	0%	-	0%	-
<b>Total</b>	<b>63,719</b>	<b>3%</b>	<b>1,892</b>	<b>82%</b>	<b>52,066</b>	<b>17%</b>	<b>11,099</b>	<b>0%</b>	<b>-</b>

\*Not Tilled - Any direct seeding system, including site preparation, with minimal soil disturbance (includes strip & ridge till).

\*Conservation Till - Any tillage system leaving 16% - 75% residue cover after planting, excluding no-till (includes mulch and reduced tillage).

\*Conventional Till - Any tillage system leaving less than 15% residue cover after planting.

\*Living Cover includes living cover crops and cereal grains planted into cash crops using direct seeding or broadcast methods.

\*Data is limited to what is reported to ISDA by the individuals conducting windshield surveys and recording data