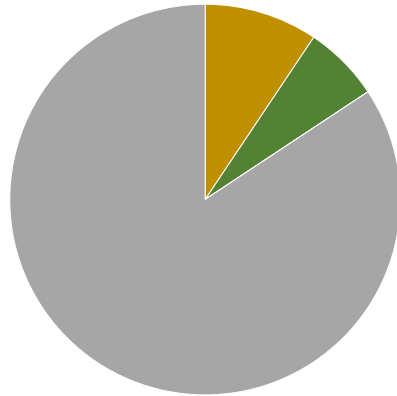
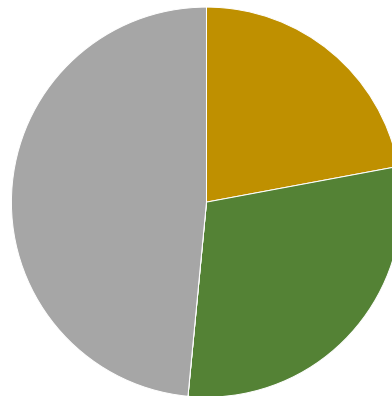


UNION 2018 Fall Cover Crop and Tillage Transect

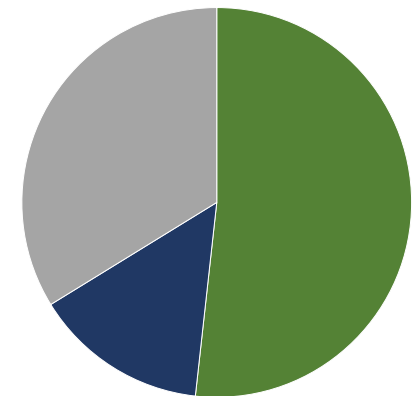
Living Cover Acres



Not Tilled Acres



Tillage Systems



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

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	29,450	20%	5,890	47%	13,841	15%	4,417	38%	11,191
Soybeans	32,978	12%	3,957	56%	18,468	14%	4,617	30%	9,893
Small Grains	290	0%	-	0%	-	0%	-	0%	-
Specialty Crops	1.1	0%	-	0%	-	0%	-	0%	-
Total	62,719	16%	9,847	52%	32,309	14%	9,034	34%	21,084

*No Till - 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