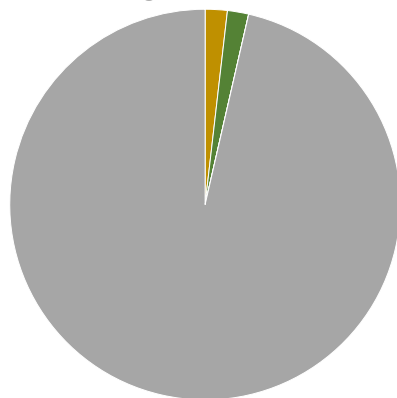


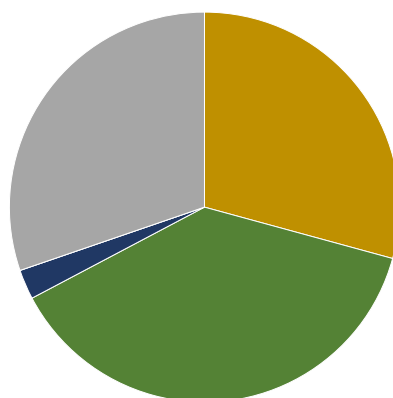
ALLEN 2018 Fall Cover Crop and Tillage Transect

Living Cover Acres



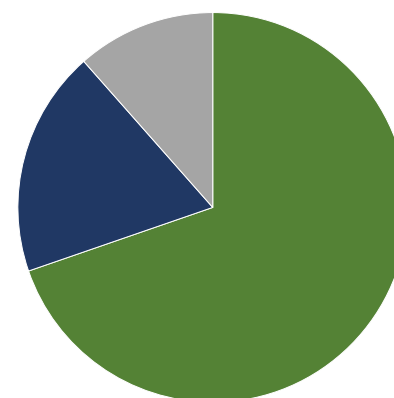
■ Corn
■ Soybeans
■ Small Grains
■ Specialty Crops

Not Tilled Acres



■ Corn
■ Soybeans
■ Small Grains
■ Specialty Crops
■ Other Systems

Tillage 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	74,303	5%	3,715	80%	59,442	18%	13,375	2%	1,486
Soybeans	118,922	3%	3,568	65%	77,299	18%	21,406	17%	20,217
Small Grains	10,037	0%	-	50%	5,019	34%	3,413	17%	1,706
Specialty Crops	11.1	0%	-	0%	-	0%	-	0%	-
Total	203,273	4%	7,283	70%	141,760	19%	38,193	12%	23,409

*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