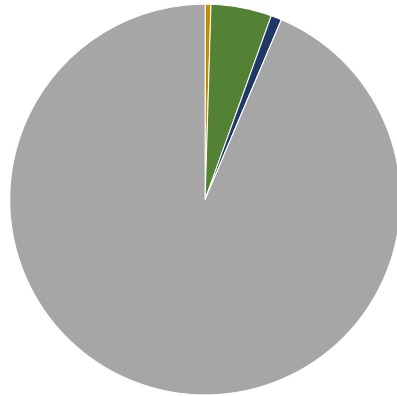
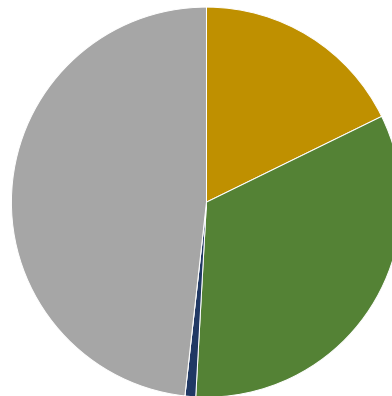


CARROLL 2018 Fall Cover Crop and Tillage Transect

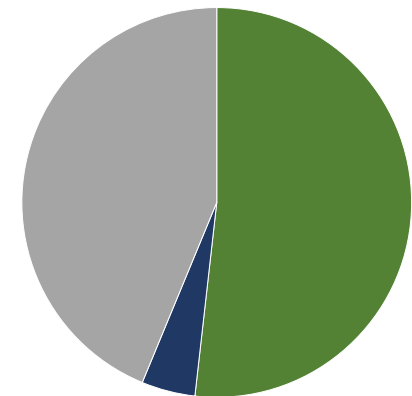
Living Cover Acres



Not Tilled Acres



Tillage Systems



■ 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	86,174	1%	862	37%	31,884	3%	2,585	60%	51,705
Soybeans	90,104	10%	9,010	66%	59,469	6%	5,406	28%	25,229
Small Grains	3,188	50%	1,594	50%	1,594	0%	-	50%	1,594
Specialty Crops	89.0	0%	-	0%	-	0%	-	0%	-
Total	179,555	6%	11,466	52%	92,947	4%	7,991	44%	78,528

*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