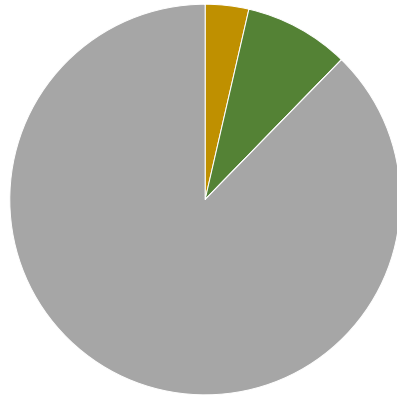
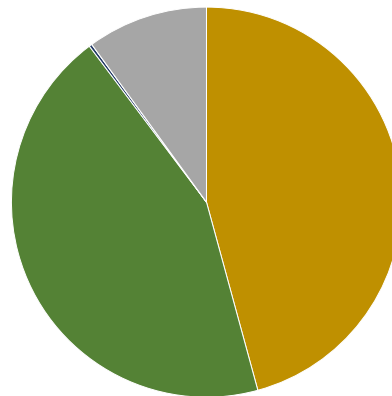


PUTNAM
2019 Fall Cover Crop and Tillage Transect

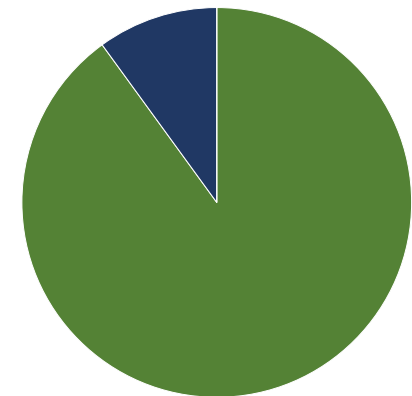
Living Cover Acres



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	69,701	7%	4,879	89%	62,034	11%	7,667	0%	-
Soybeans	65,533	18%	11,796	91%	59,635	9%	5,898	0%	-
Small Grains	331	0%	-	100%	331	0%	-	0%	-
Specialty Crops	3.3	0%	-	0%	-	0%	-	0%	-
Total	135,568	12%	16,675	90%	121,999	10%	13,565	0%	-

*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