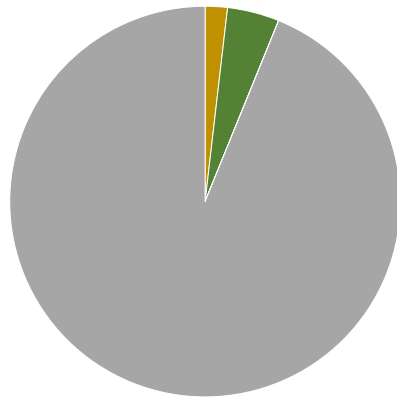


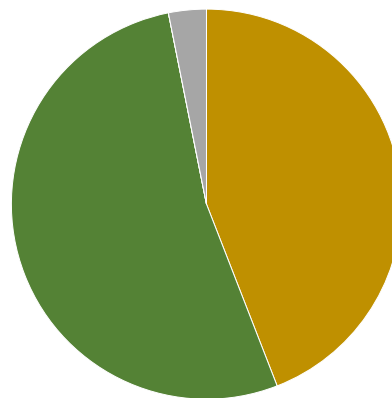
SWITZERLAND
2019 Fall Cover Crop and Tillage Transect

Living Cover Acres



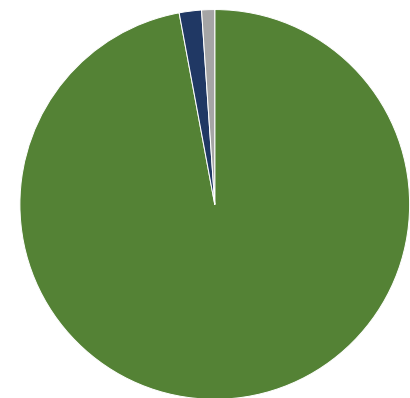
■ Corn ■ Soybeans
■ Small Grains ■ Specialty Crops

Not Tilled Acres



■ Corn ■ Soybeans
■ 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	4,662	4%	186	96%	4,476	4%	186	0%	-
Soybeans	5,465	8%	437	98%	5,356	0%	-	2%	109
Small Grains	21	0%	-	0%	-	0%	-	0%	-
Specialty Crops	0.4	75%	0.3	0%	-	75%	0.3	25%	0.1
Total	10,149	6%	624	97%	9,832	2%	187	1%	109

*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