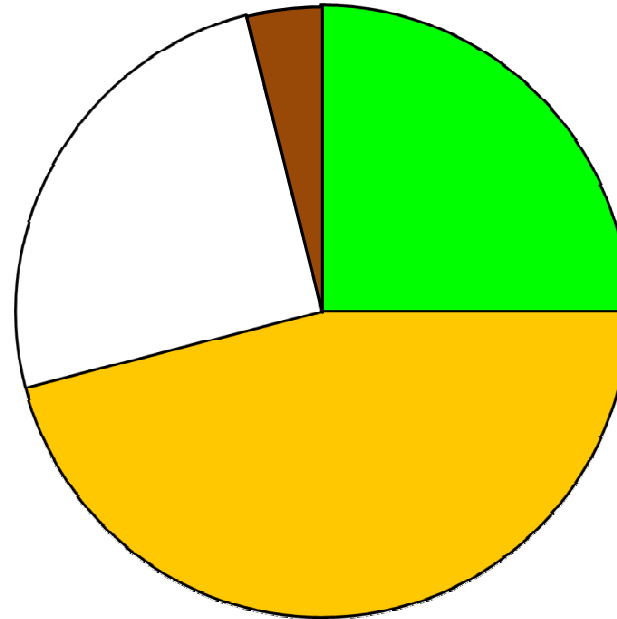


SPENCER

2011 Cropland Tillage Data - Corn



- No-Till * (25%) = 12300 ac
- Mulch Till (46%) = 22700 ac
- Reduced Till (25%) = 12300 ac
- Conventional (4%) = 2000 ac

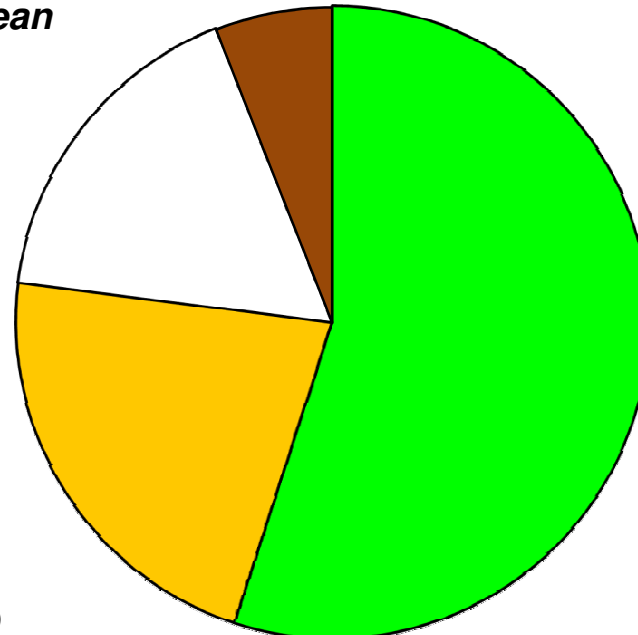
* **No-Till** - Any direct seeding system, including site preparation, with minimal soil disturbance (includes strip & ridge till)

Mulch Till - Any tillage system leaving 30% - 75% residue cover after planting, excluding no-till

Reduced - Any tillage system leaving 16% - 30% residue cover after planting

Conventional - Any tillage system leaving less than 15% residue cover after planting

2011 Cropland Tillage Data - Soybean



- No-Till * (55%) = 32900 ac
- Mulch Till (22%) = 13200 ac
- Reduced Till (17%) = 10200 ac
- Conventional (6%) = 3600 ac

- Acreage Estimates from NASS 2009 (corn and soybean only)
 - Erosion estimates are from USLE based on each point's R, k, LS, and appropriate C factor based on rotation and tillage
 - Diesel fuel savings are from NRCS Energy Estimators - Tillage