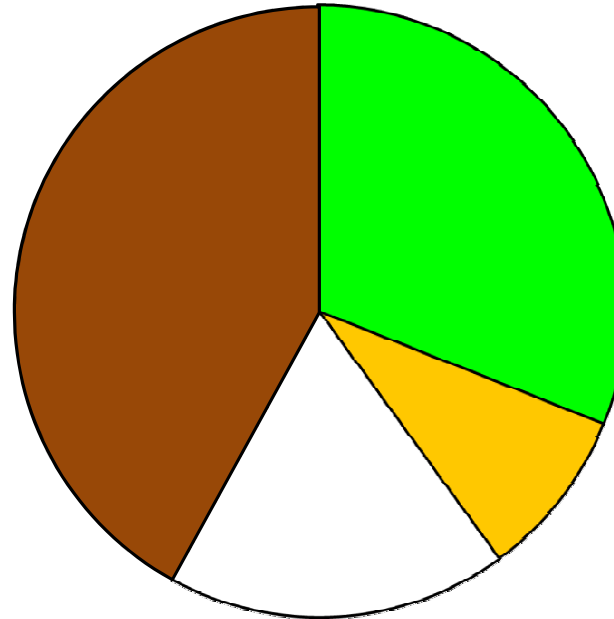


# RANDOLPH

## 2011 Cropland Tillage Data - Corn



- No-Till \* (31%) = 28200 ac
- Mulch Till (9%) = 8200 ac
- Reduced Till (18%) = 16400 ac
- Conventional (42%) = 38200 ac

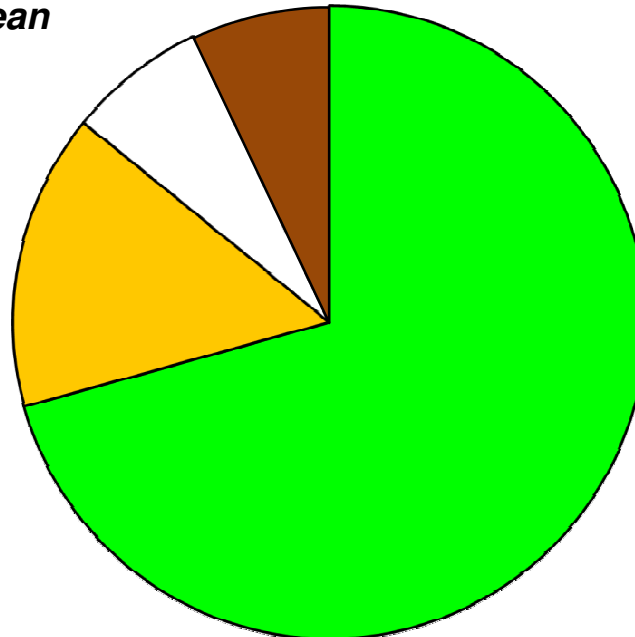
\* **No-Till** - Any direct seeding system, including site preparation, with minimal soil disturbance (includes strip & ridge till)

**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 \* (70%) = 76300 ac
- Mulch Till (15%) = 16400 ac
- Reduced Till (7%) = 7600 ac
- Conventional (7%) = 7600 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