

# AG. WATER QUALITY ACT



Photo courtesy of USDA ARS



Photo courtesy of Creative Commons



Photo courtesy of USDA ARS

TECHNICAL ASSISTANCE

FUNDING ASSISTANCE

IMPORTANT CONSIDERATIONS

## CONSERVATION TILLAGE/CROP RESIDUE USE

### CROPS BMP #3



Strip tilling -Photo courtesy of Creative Commons

#### Description:

Any tillage and planting system in which enough of the soil surface is covered by plant residue after planting to minimize soil erosion by water.

#### AWQA Minimum Requirements:

Adopt any tillage or planting system to maintain an adequate cover (at least 30% of the soil surface covered by residue after planting) to reduce soil erosion to acceptable levels.

#### Recommendations:

Reduced tillage and no-till should be selected in soils and cropping systems where practical.

For corn, soybean and wheat in Kentucky, no-tillage generally results in yields better than or equal to yields in tilled systems.

#### Technical References

##### University Publications

- [University of Kentucky College of Agriculture Extension publications](#)

##### USDA/NRCS Publications

- [Practice Code 329](#) Residue and Tillage Management
- [Practice Code 345](#) Residue and Tillage Management, Reduced Till

#### Funding Assistance Options

##### State Cost Share

- See your local Conservation District to [apply](#).

##### Kentucky Ag. Development Fund (KADB/KAFC)

- Select from available program options [here](#).

##### NRCS Environmental Quality Incentives Program (EQIP)

- Select from available program options [here](#).

#### Important Considerations

Water Quality Benefit (💧-💧💧💧): 💧💧

##### Wildlife Benefits

- Contact the Kentucky Department of Fish and Wildlife's [Habitat Improvement Program](#) how to improve wildlife habitat with select BMPs (1-800-858-1549).