

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn grain and no-till soybeans. The average soil loss rate is 1.095 T/Ac/yr., which can be rounded down to 1.0 T/Ac/yr. under RUSLE2 guidelines.

Inputs: T 3362 F 14

<i>Owner name</i>	<i>Location</i>	<i>--</i>
Snyder	USA\Pennsylvania\Lycoming County	

<i>Location</i>	<i>Soil</i>	<i>T value</i>	<i>Slope length (horiz)</i>	<i>Avg. slope steepness, %</i>
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\WeD Weikert channery silt loam, 15 to 25 percent slopes\Weikert Channery silt loam 85%	1.0	50	21

Outputs:

<i>Base management</i>	<i>Description</i>	<i>Contouring</i>	<i>Strips / barriers</i>	<i>Diversion/terrace, sediment basin</i>	<i>Soil loss erod. portion, t/ac/yr</i>	<i>Soil detachment, t/ac/yr</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Sed. delivery, t/ac/yr</i>
CMZ 65\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; nt, z65		b. absolute row grade 2 percent	(none)	(none)	0.49	0.49	0.49	0.49
CMZ 65\A. Single Year/ Single Crop Templates\soybeans\soybeans drilled\soybeans, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	1.7	1.7	1.7	1.7