

RUSLE2 Worksheet Erosion Calculation Record

Info: T 1275 F 4- Minimum rotation to meet "T" is alternating years of spring plowed corn and no-till soybeans. Average soil loss rate is 3.05 T/Ac/yr, which can be rounded down to 3.0 T/A/yr under the guidellines of RUSLE2.

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>--</i>
Ulmer	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\AvB Alvira silt loam, 3 to 8 percent slopes\Alvira silt loam 90%	3.0	200	5.00

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; sp - soyb, nr; nt, z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.82	3.74	3.05	2.97