

RUSLE2 Worksheet Erosion Calculation Record

Info: T 1275 F 3- Minimum rotation to meet "T" is alternating years of spring plowed corn and no-till soybeans. Average soil loss rate is 2.43 T/Ac/yr.

Inputs:

Owner name	Location	--
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\HhB Hartleton channery silt loam, 3 to 8 percent slopes\Hartleton channery silt loam 85%	3.0	200	7.00

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)	2.89	2.86	2.43	2.38