

RUSLE2 Worksheet Erosion Calculation Record

Info: T 450 F 2- Minimum rotation to mee "T" is alternating years of spring plowed corn andno-till soybeans. Average soil loss rate is 2.94 T/Ac/yr.

Inputs:

Owner name	Location	--
Vandine	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\HIB Hazleton-Clymer channery loams, 3 to 8 percent slopes\Hazleton channery sandy loam 40%	3.0	250	8.00

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.Multi-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)	3.71	3.70	2.94	2.85