

## RUSLE2 Worksheet Erosion Calculation Record

Info: T 3488 F 1 is used exclusively as a pasture. Worst case scenario of fall plowing and seeding every other year results in an average soil loss rate of 3.2 t/ac/yr.

**Inputs:**

<b>Owner name</b>	<b>Location</b>	--
Dincher	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\LkD Leck kill channery silt loam, 15 to 25 percent slopes\Leck Kill channery silt loam 80%	4.0	48	26

**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\forage systems\alfalfa grass fall seed\alfalfa grass fs 2yr; fp z65		d. relative row grade 2 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	3.2	3.2	2.6	2.6