

## RUSLE2 Worksheet Erosion Calculation Record

Info: T 1720 F1- One year of plowed corn grain followed by one year of no-till soybeans followed by another cycle of plowed corn grain and no-till beans followed by four years of no-till spring planted alfalfa has an average soil loss value of 3.32 T/A/yr.

**Inputs:**

<b>Owner name</b>	<b>Location</b>	--
Ulmer	USA\Pennsylvania\Lycoming County	

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\LkB Leck kill channery silt loam, 3 to 8 percent slopes\Leck Kill channery silt loam 80%	4.0	250	8.00

**Outputs:**

Base management	Description	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Soil loss erod. portion, t/ac/yr	Soil detachment, t/ac/yr	Cons. plan. soil loss, t/ac/yr	Sed. delivery, t/ac/yr
CMZ 65\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; sp - soyb, nr; nt, z65		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	5.82	5.75	4.75	4.61
CMZ 65\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; sp - soyb, nr; nt, z65		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	5.82	5.75	4.75	4.61
CMZ 65\a. Single Year/ Single Crop Templates\forage systems\alfalfa sp seed\alfalfa ss 4yr; snt z65		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	0.238	0.238	0.234	0.234