

RUSLE2 Worksheet Erosion Calculation Record

Info: T 2351 F 3- One year of spring plowed corn grain with fall applied liquid manure followed by one year of no-till soybeans followed by four years of no-till spring planted alfalfa has an average soil loss value of 2.12 T/A/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	350	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.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)	7.49	7.39	5.99	5.81
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)	0.188	0.188	0.185	0.185