

RUSLE2 Worksheet Erosion Calculation Record

Info: T 1588 F 1-2- One year of disced corn followed by no-till soybeans followed by four years of spring no-till planted alfalfa has an average soil loss rate of 2.65 T/A/yr.

Inputs:

Owner name	Location	--
Ulmer	USA\Pennsylvania\Lycoming County	

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\HhC Hartleton channery silt loam, 8 to 15 percent slopes\Hartleton channery silt loam 80%	3.0	300	15.0

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; sdsHR - soyb, nr; nt, z65		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	8.62	8.57	7.28	7.12
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)	0.341	0.341	0.338	0.338