

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 548 F 1- Rotation needed to meet baseline for tillage is 10 years of spring plowed corn grain receiving manure and 4 years of spring planted alfalfa with a grain nurse crop hat receives manure. Average soil loss is 0.99 T/ac/yr.

Inputs:

Owner name	Location	--
Schrack	USA\Pennsylvania\Clinton County	

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Clinton County	Clinton County, PA 2014\CeB Clymer channery loam, 3 to 8 percent slopes\Clymer Sandy loam 75%	3.0	100	2.0

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\c.Other Local Mgt Records\Schrack 10 CG, 4 A		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	1.0	1.0	0.99	0.98

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 548 F 2, 3 & 6- Rotation needed to meet baseline for tillage is 10 years of spring planted alfalfa/grass hay planted with a grain nurse crop that receives manure and 4 years of spring plowed corn grain receiving manure. Average soil loss is 0.56 T/ac/yr.

Inputs:

Owner name	Location	--
Schrack	USA\Pennsylvania\Clinton County	

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Clinton County	Clinton County, PA 2014\HIB Hazleton-Clymer channery loams, 3 to 8 percent slopes\Hazleton Channery sandy loam 40%	3.0	200	7.0

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\c.Other Local Mgt Records\Schrack 10 A/G, 2 CG		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	0.63	0.63	0.56	0.56