

## RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10497 F 1- Rotation needed to meet baseline for tillage is 3 years of spring plowed corn grain receiving manure, 1 year of spring plowed corn silage receiving manure, and 4 years of spring planted alfalfa/grass hay that receives manure. Average soil loss is 2.6 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	130	8.0

**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 3 CG, 1 CS, 4 A		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	2.7	2.7	2.6	2.6

**RUSLE2 Worksheet Erosion Calculation Record**

Info: Schrack T 10497 F 12- Rotation needed to meet baseline for tillage is 3 years of spring plowed corn grain receiving manure, 1 year of spring plowed corn silage receiving manure, and 4 years of spring planted alfalfa/grass hay that receives manure. Average soil loss is 2.1 T/ac/yr.

**Inputs:**

<b>Owner name</b>	<b>Location</b>	<b>--</b>
Schrack	USA\Pennsylvania\Clinton County	

<i>Location</i>	<i>Soil</i>	<i>T value</i>	<i>Slope length (horiz)</i>	<i>Avg. slope steepness, %</i>
USA\Pennsylvania\Clinton County	Clinton County, PA 2014\HIC Hazleton-Clymer channery loams, 8 to 15 percent slopes\Hazleton Channery sandy loam 40%	3.0	100	12

**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\c.Other Local Mgt Records\Schrack 3 CG, 1 CS, 4 A		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	2.2	2.2	2.1	2.1