

## RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10258 F 1- Rotation needed to meet baseline for tillage is 4 years of spring plowed corn grain with manure and 4 years of spring no-till planted alfalfa planted with a grain nurse crop that receives manure. Average soil loss rate is 2.5 T/ac/yr.

**Inputs:**

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Clinton County	Clinton County, PA 2014\BuB Buchanan-Andover gravelly loams, 3 to 8 percent slopes\Buchanan Silt loam 45%	4.0	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 4 CG, 4 A		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	2.7	2.7	2.5	2.5