

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10491 F 4- Rotation needed to meet baseline for tillage is 10 years of spring planted alfalfa/grass hay planted with a grain nurse crop receiving manure and 2 years of spring plowed corn grain with manure. Average soil loss rate is 1.4 T/ac/yr.

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>--</i>
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\MuB Murrill silt loam, 3 to 8 percent slopes\Murrill Silt loam 75%	5.0	130	8.0

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 10 A/G, 2 CG		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	1.6	1.6	1.4	1.4