

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 479 F 1- Rotation needed to meet baseline for tillage is 3 years of spring plowed corn grain with manure, 1 year of spring plowed corn silage 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 3.6 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\HeB Hagerstown silt loam, 3 to 8 percent slopes\Hagerstown Silt loam 85%	5.0	200	6.0

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)	3.8	3.8	3.6	3.5