

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 464 F 1- Rotation needed to meet baseline for tillage is 10 years of spring planted alfalfa/grass hay with a nurse crop for grain receiving manure and 2 years of spring plowed corn grain with manure. Average soil loss rate is 1.2 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\BuC Buchanan-Andover gravelly loams, 8 to 15 percent slopes\Buchanan Silt loam 60%	4.0	130	9.0

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)	1.4	1.4	1.2	1.2