

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10346 F 3-9 & 11-14- Rotation needed to meet baseline for tillage is 2 years of plowed sorghum followed by 10 years of spring plowed hay that is planted with a grain nurse crop with manure. Average soil loss rate is 1.7 T/ac/yr. based on Field 14, which has the highest average soil loss rate of all fields.

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	200	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\Schrack2 SORG, 10 H		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	2.1	2.1	1.7	1.7