

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10484 F 1- Rotation needed to meet baseline for tillage is 3 years of spring chisel plowed corn grain with manure, 1 year of spring chisel 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 3.0 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\BeC Berks channery silt loam, 8 to 15 percent slopes\Berks Channery silt loam 80%	3.0	80	14

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 mt, 1 CS mt, 4 A		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	3.0	3.0	3.0	3.0