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RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 648 F1 & 3- 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 3.4 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\UnB Ungers loam, 3 to 8 percent slopes\Ungers Loam 75%	5.0	140	7.0

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)	3.6	3.6	3.4	3.3

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 648 F2- 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 3.8 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\UnB Ungers loam, 3 to 8 percent slopes\Ungers Loam 75%	5.0	130	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\Schrack 3 CG, 1 CS, 4 A		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	4.0	4.0	3.8	3.7