USDA NRCS Natural Resources Conservation Service

RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10455 F 2- Rotation needed to meet baseline for tillage is 7 years of spring planted alfalfa hay planted with a grain nurse crop and receiving manure that is follwed by 2 years of spring plowed corn grain with manure. Average soil loss rate is 1.5 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\CeA Clymer channery loam, 0 to 3 percent slopes\Clymer Sandy loam 80%	3.0	180	4.0

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 37 A, 2 CG		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	1.5	1.5	1.5	1.5

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RUSLE2 Worksheet Erosion Calculation Record

Info: Schrack T 10455 F 8- Rotation needed to meet baseline for tillage is 7 years of spring planted alfalfa hay planted with a grain nurse crop and receiving manure that is followed by 2 years of spring plowed corn grain with manure. Average soil loss rate is 1.8 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\CeB Clymer channery loam, 3 to 8 percent slopes\Clymer Sandy loam 75%	3.0	160	5.0

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 37 A, 2 CG		b. absolute row grade 2 percent	Strip cropping\2strip rotational 0-1	(none)	1.9	1.9	1.8	1.8