

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of spring chiseled corn grain and no-till soybeans. The average soil loss rate is 1.9 T/Ac/yr.

Inputs: T 496 F 1

Owner name	Location	--
Snyder	USA\Pennsylvania\Lycoming County	

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\AvC Alvira silt loam, 8 to 15 percent slopes\Alvira Silt loam 80%	3.0	50	20

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\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; scswp, z65		b. absolute row grade 2 percent	(none)	(none)	7.3	7.3	7.3	7.3
CMZ 65\A. Single Year/ Single Crop Templates\soybeans\soybeans drilled\soybeans, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	3.2	3.2	3.2	3.2
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\cool season grass sp seed\coolgrass ss 4yr; snt z65		b. absolute row grade 2 percent	(none)	(none)	0.23	0.23	0.23	0.23

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Info: Minimum rotation to meet "T" is alternating years of spring chiseled corn grain and no-till soybeans. The average soil loss rate is 1.9 T/Ac/yr.

Inputs: T 496 F 2

Owner name	Location	--
Snyder	USA\Pennsylvania\Lycoming County	

<i>Location</i>	<i>Soil</i>	<i>T value</i>	<i>Slope length (horiz)</i>	<i>Avg. slope steepness, %</i>
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\BeD Berks channery silt loam, 15 to 25 percent slopes\Berks Channery silt loam 85%	2.0	50	21

Outputs:

<i>Base management</i>	<i>Description</i>	<i>Contouring</i>	<i>Strips / barriers</i>	<i>Diversion/terrace, sediment basin</i>	<i>Soil loss erod. portion, t/ac/yr</i>	<i>Soil detachment, t/ac/yr</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Sed. delivery, t/ac/yr</i>
CMZ 65\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; sp, z65		b. absolute row grade 2 percent	(none)	(none)	9.0	9.0	9.0	9.0
CMZ 65\A. Single Year/ Single Crop Templates\soybeans\soybeans drilled\soybeans, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	1.6	1.6	1.6	1.6
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\cool season grass sp seed\coolgrass ss 4yr; snt z65		b. absolute row grade 2 percent	(none)	(none)	0.14	0.14	0.14	0.14

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of spring plowed corn grain and no-till soybeans. The average soil loss rate is 2.9 T/Ac/yr.

Inputs: T 496 F 3

<i>Owner name</i>	<i>Location</i>	<i>--</i>
Snyder	USA\Pennsylvania\Lycoming County	

<i>Location</i>	<i>Soil</i>	<i>T value</i>	<i>Slope length (horiz)</i>	<i>Avg. slope steepness, %</i>
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\HhC Hartleton channery silt loam, 8 to 15 percent slopes\Hartleton Channery silt loam 90%	3.0	50	25

Outputs:

<i>Base management</i>	<i>Description</i>	<i>Contouring</i>	<i>Strips / barriers</i>	<i>Diversion/terrace, sediment basin</i>	<i>Soil loss erod. portion, t/ac/yr</i>	<i>Soil detachment, t/ac/yr</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Sed. delivery, t/ac/yr</i>
CMZ 65\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; sp, z65		b. absolute row grade 2 percent	(none)	(none)	14	14	14	14
CMZ 65\A. Single Year/ Single Crop Templates\soybeans\soybeans drilled\soybeans, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	2.6	2.6	2.6	2.6
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\cool season grass sp seed\coolgrass ss 4yr; snt z65		b. absolute row grade 2 percent	(none)	(none)	0.23	0.23	0.23	0.23

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of spring plowed corn grain and no-till soybeans. The average soil loss rate is 2.1 T/Ac/yr.

Inputs: T 496 F 4

Owner name	Location	--
Snyder	USA\Pennsylvania\Lycoming County	

<i>Location</i>	<i>Soil</i>	<i>T value</i>	<i>Slope length (horiz)</i>	<i>Avg. slope steepness, %</i>
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\HhB Hartleton channery silt loam, 3 to 8 percent slopes\Hartleton Channery silt loam 75%	3.0	70	15

Outputs:

<i>Base management</i>	<i>Description</i>	<i>Contouring</i>	<i>Strips / barriers</i>	<i>Diversion/terrace, sediment basin</i>	<i>Soil loss erod. portion, t/ac/yr</i>	<i>Soil detachment, t/ac/yr</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Sed. delivery, t/ac/yr</i>
CMZ 65\A. Single Year/ Single Crop Templates\corn grain\Corn, grain; sp, z65		b. absolute row grade 2 percent	(none)	(none)	10	10	10	10
CMZ 65\A. Single Year/ Single Crop Templates\soybeans\soybeans drilled\soybeans, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	1.8	1.8	1.8	1.8
CMZ 65\A. Single Year/ Single Crop Templates\forage systems\cool season grass sp seed\coolgrass ss 4yr; snt z65		b. absolute row grade 2 percent	(none)	(none)	0.15	0.15	0.15	0.15