

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn and soybeans. Average soil loss rate is 0.88 T/A/yr.

Inputs: Snyder T 666 F 1

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\AvB Alvira silt loam, 3 to 8 percent slopes\Alvira Silt loam 82%	3.0	110	11

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; nt - soyb, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	0.88	0.88	0.88	0.88

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn and soybeans. Average soil loss rate is 0.61 T/A/yr.

Inputs: Snyder T 666 F 2

<i>Owner name</i>	<i>Location</i>	--
J. 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\BeC Berks channery silt loam, 8 to 15 percent slopes\Berks Channery silt loam 85%	2.0	110	11

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; nt - soyb, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	0.61	0.61	0.61	0.61

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn and soybeans. Average soil loss rate is 0.84 T/A/yr.

Inputs: Snyder T 666 F 3

<i>Owner name</i>	<i>Location</i>	--
J. 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\WbC Watson silt loam, 8 to 15 percent slopes\Watson Silt loam 90%	4.0	100	12

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; nt - soyb, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	0.84	0.84	0.84	0.84

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn and soybeans. Average soil loss rate is 0.94 T/A/yr.

Inputs: Snyder T 666 F 4

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
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	19

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; nt - soyb, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	0.94	0.94	0.94	0.94

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn and soybeans. Average soil loss rate is 1.8 T/A/yr.

Inputs: T 666 F 5

<i>Owner name</i>	<i>Location</i>	<i>--</i>
J. 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\WbC Watson silt loam, 8 to 15 percent slopes\Watson Silt loam 90%	4.0	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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; nt - soyb, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	1.8	1.8	1.8	1.8

RUSLE2 Worksheet Erosion Calculation Record

Info: Minimum rotation to meet "T" is alternating years of no-till corn and soybeans. Average soil loss rate is 0.83 T/A/yr.

Inputs: T 666 F 6

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

Location	Soil	T value	Slope length (horiz)	Avg. slope steepness, %
USA\Pennsylvania\Lycoming County	Lycoming County, Pennsylvania\WbB Watson silt loam, 3 to 8 percent slopes\Watson Silt loam 90%	4.0	130	9.0

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\b.Mullti-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; nt - soyb, nr; nt, z65		b. absolute row grade 2 percent	(none)	(none)	0.83	0.83	0.83	0.83