

## RUSLE2 Worksheet Erosion Calculation Record

Info: Rotation of one year no-till corn grain, one year of no-till spring oats, and one year of no-till sorghum grain. The average soil loss rate over the rotation is 0.86 T/A/yr.

**Inputs: McCoy T 3704 F 1**

<i>Owner name</i>	<i>Location</i>	<i>--</i>
McCoy	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\KIB Klinsville shaly silt loam, 3 to 8 percent slopes\Klinsville Channery silt loam 90%	1.0	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\a. Single Year/ Single Crop Templates\corn grain\Corn, grain; nt, z65		b. absolute row grade 1 percent	(none)	(none)	0.35	0.35	0.35	0.35
CMZ 65\a. Single Year/ Single Crop Templates\small grains\spring small grain\oats, spring; nt, z65		b. absolute row grade 1 percent	(none)	(none)	0.92	0.92	0.92	0.92
CMZ 65\a. Single Year/ Single Crop Templates\sorghum\grain sorghum\sorghum, gr, wr; nt, z65		b. absolute row grade 1 percent	(none)	(none)	1.3	1.3	1.3	1.3

## RUSLE2 Worksheet Erosion Calculation Record

Info: Rotation of one year no-till corn grain, one year of no-till spring oats, and one year of no-till sorghum grain. The average soil loss rate over the rotation is 1.27 T/A/yr.

**Inputs: McCoy T 3704 F 2**

<b>Owner name</b>	<b>Location</b>	--
McCoy	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\KIB Klinesville shaly silt loam, 3 to 8 percent slopes\Klinesville Channery silt loam 90%	1.0	50	18

**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; nt, z65		b. absolute row grade 1 percent	(none)	(none)	0.51	0.51	0.51	0.51
CMZ 65\a. Single Year/ Single Crop Templates\small grains\spring small grain\oats, spring; nt, z65		b. absolute row grade 1 percent	(none)	(none)	1.3	1.3	1.3	1.3
CMZ 65\a. Single Year/ Single Crop Templates\sorghum\grain sorghum\sorghum, gr, wr; nt, z65		b. absolute row grade 1 percent	(none)	(none)	2.0	2.0	2.0	2.0