

RUSLE2 Worksheet Erosion Calculation Record

Info: T 2748 F 9 and 15-17- "T" can be met over the rotation by alternating years of spring plowed corn grain and no-till soybeans. Average soil loss is 1.94 T/Ac/yr.

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>--</i>
JRT Farms	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\Uo Udorthents, sandstone\Udorthents very channery silt loam unstable fill 90%	5.0	160	5.00

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.Multi-year Rotation Templates\Corn / Soybeans\Corn Grain\corn gr; sp - soyb, nr; nt, z65		d. relative row grade 1 percent of slope grade	Strip cropping\2strip rotational 0-1	(none)	2.45	2.43	1.94	1.89