

## RUSLE2 Erosion Calculation Record

Bishcroft T 75

**Inputs:**

<i>Owner name</i>	<i>Location</i>	<i>Info</i>
Bishcroft Farm LLC	Pennsylvania\Tioga County	F 1 and F 3 credits are generated for rye only. F 2 credits are generated for conservation tillage and no-till. F 4 credits are generated for conservation tillage, no-till and rye. All fields have a rotation of 4 years of corn and 4 years of hay.

<i>Field name</i>	<i>Soil</i>	<i>Slope T Value</i>	<i>Slope length, ft</i>	<i>Slope steepness, %</i>
1	Tioga County, Pennsylvania\MaB Mardin channery silt loam, 3 to 8 percent slopes\Mardin channery silt loam 85%	3.0	350	13
2	Tioga County, Pennsylvania\VsB Volusia very stony silt loam, 0 to 8 percent slopes\Volusia channery silt loam 75%	3.0	300	6.0
3	Tioga County, Pennsylvania\MaC Mardin channery silt loam, 8 to 15 percent slopes\Mardin channery silt loam 85%	3.0	300	12
4	Tioga County, Pennsylvania\VsB Volusia very stony silt loam, 0 to 8 percent slopes\Volusia channery silt loam 75%	3.0	300	5.0

**Results:**

<i>Field name</i>	<i>Description</i>	<i>Management</i>	<i>Contouring system</i>	<i>Support practices</i>	<i>Terrace/diversion system</i>	<i>Cons. plan. soil loss, t/ac/yr</i>	<i>Sed. delivery</i>	<i>Fuel cost, US\$/ac</i>
1	No-till corn meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 4 yrs nt cs 4 yrs hay	b. absolute row grade 2 percent	-- none --	-- none --	1.7	1.7	127.0
2	Spring plowed corn with rye meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 4 yrs sp cs/rye 4 yrs hay	b. absolute row grade 2 percent	-- none --	-- none --	2.0	2.0	176.3
3	No-till corn meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 4 yrs nt cs 4 yrs hay	b. absolute row grade 2 percent	-- none --	-- none --	1.5	1.5	127.0
4	Spring plowed corn meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 4 yrs sp cs 4 yr hay	b. absolute row grade 2 percent	-- none --	-- none --	2.3	2.3	175.3