

## RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 5565

**Inputs:**

<i>Owner name</i>	<i>Location</i>	<i>I</i>
Bishcroft Farm LLC	Pennsylvania\TiogaCounty	F 1 credits are generated on rye only. F 2 credits are for conservation tillage and no-till. F 3 credits are for conservation tillage, no-till and rye. The rotation for each field is 5 years of corn and 3 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\OgB Oquaga channery loam, 3 to 12 percent slopes\Oquaga channery loam 100%	3.0	200	10
2	Tioga County, Pennsylvania\WeB Wellsboro channery loam, 3 to 8 percent slopes\Wellsboro channery loam 80%	3.0	150	8.0
3	Tioga County, Pennsylvania\MoB Morris gravelly silt loam, 3 to 8 percent slopes\Morris gravelly silt loam 77%	3.0	150	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 5 yrs nt cs 3 yrs hay	b. absolute row grade 1 percent	-- none --	-- none --	2.5	2.5	112.3
2	Spring disced corn with rye meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 5 yrs sdos cs/rye 3 yrs hay	b. absolute row grade 1 percent	-- none --	-- none --	2.2	2.2	143.2
3	Spring plowed corn with rye meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 5 yrs sp cs/rye 3 yrs hay	b. absolute row grade 1 percent	-- none --	-- none --	2.7	2.7	173.9