

RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 7324

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>Info</i>
Bishcroft Farm LLC	Pennsylvania\Tioga County	F 1, 2, 3, 8, 9, 10 and 11 credits are generated for rye only. The rotation for fields 1, 2, 3, 10 and 11 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\MaC Mardin channery silt loam, 8 to 15 percent slopes\Mardin channery silt loam 85%	3.0	400	8.0
2 and 3	Tioga County, Pennsylvania\MaC Mardin channery silt loam, 8 to 15 percent slopes\Mardin channery silt loam 85%	3.0	400	11
8 and 9	Tioga County, Pennsylvania\LoC Lordstown channery loam, 12 to 20 percent slopes\Lordstown channery loam 100%	3.0	350	17
10 and 11	Tioga County, Pennsylvania\LoC Lordstown channery loam, 12 to 20 percent slopes\Lordstown channery loam 100%	3.0	350	8.0

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	default	-- none --	-- none --	1.7	1.7	112.3
2 and 3	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 4 percent	-- none --	-- none --	2.3	2.3	112.3
8 and 9	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 1 percent	Strip cropping\4-strip rotational 0-2-0-2	-- none --	2.5	2.5	127.0
10 and 11	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 2 percent	-- none --	-- none --	1.7	1.7	112.3