

RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 60

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>Info</i>
Bishcroft Farm LLC	Pennsylvania\Tioga County	F 1 and 2 credits are generated for no-till only. F 3 and 4 credits are generated for rye only. The rotation for all fields 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 and 2	Tioga County, Pennsylvania\LoB Lordstown channery loam, 3 to 12 percent slopes\Lordstown channery loam 100%	3.0	150	8.0
3	Tioga County, Pennsylvania\MaC Mardin channery silt loam, 8 to 15 percent slopes\Mardin channery silt loam 85%	3.0	200	10
4	Tioga County, Pennsylvania\OgB Oquaga channery loam, 3 to 12 percent slopes\Oquaga channery loam 100%	3.0	200	10

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 and 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 --	3.0	3.0	143.2
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 1 percent	-- none --	-- none --	1.3	1.3	112.3
4	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