

RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 61

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>Info</i>
Bishcroft Farm LLC	Pennsylvania\Tioga County	F 2 credits are generated for no-till. F 3 credits are generated for rye. Rotation for both 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>
2	Tioga County, Pennsylvania\LoB Lordstown channery loam, 3 to 12 percent slopes\Lordstown channery loam 100%	3.0	200	5.0
3	Tioga County, Pennsylvania\VoC Volusia channery silt loam, 8 to 15 percent slopes\Volusia channery silt loam 80%	3.0	200	12

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>
2	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 2 percent	-- none --	-- none --	2.3	2.3	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 2 percent	-- none --	-- none --	2.0	2.0	112.3