

RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 6690

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>Info</i>
Bishcroft Farm LLC	Pennsylvania\Lycoming County	Fields 1, 1 A, 2 and 3 credits are generated for rye. Each field has a rotation of 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 1 A	Lycoming County, Pennsylvania\WIC Wellsboro channery silt loam, 8 to 15 percent slopes\Wellsboro channery silt loam 90%	3.0	300	10
2	Lycoming County, Pennsylvania\LdC Laidig channery silt loam, 8 to 15 percent slopes\Laidig channery silt loam 100%	4.0	300	10
3	Lycoming County, Pennsylvania\MoB Morris channery silt loam, 3 to 8 percent slopes\Morris channery silt loam 80%	3.0	200	6.0

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 and 1 A	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 0.8 percent	-- none --	-- none --	2.5	2.5	112.3
2	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 0.8 percent	-- none --	-- none --	2.5	2.5	112.3
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 --	2.2	2.2	112.3