

RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 55

Inputs:

<i>Owner name</i>	<i>Location</i>	<i>Info</i>
Bishcroft Farm LLC	Pennsylvania\Tioga County	F 1 credits are generated for rye only. F 2 and 3 credits are generated for no-till and rye. Rotation is 4 years of corn and 4 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\WeC Wellsboro channery loam, 8 to 15 percent slopes\Wellsboro channery loam 85%	3.0	300	10
2 and 3	Tioga County, Pennsylvania\WeB Wellsboro channery loam, 3 to 8 percent slopes\Wellsboro channery 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	No-till corn meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 4	b. absolute row grade 2 percent	Strip cropping\4-strip rotational 0-3-0-3	-- none --	0.93	0.93	127.0
2 and 3	Spring disced corn meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 4	a. rows up-and-down hill	-- none --	-- none --	2.8	2.8	149.2