

RUSLE2 Erosion Calculation Record

Bishcroft Farm LLC T 5564

Inputs:

Owner name	Location	Info
Bishcroft Farm LLC	Pennsylvania\Tioga County	F 1,4 and 6 credits are generated for rye only. F 2 generates credits from no-till. Rotation of all fields is 5 years of corn and 3 years of hay.

Field name	Soil	Slope T Value	Slope length, ft	Slope steepness, %
1	Tioga County, Pennsylvania\OgB Oquaga channery loam, 3 to 12 percent slopes\Oquaga channery loam 100%	3.0	270	8.0
2	Tioga County, Pennsylvania\WeB Wellsboro channery loam, 3 to 8 percent slopes\Wellsboro channery loam 80%	3.0	270	5.0
4 and 6	Tioga County, Pennsylvania\WeB Wellsboro channery loam, 3 to 8 percent slopes\Wellsboro channery loam 80%	3.0	350	5.0

Results:

Field name	Description	Management	Contouring system	Support practices	Terrace/diversion system	Cons. plan. soil loss, t/ac/yr	Sed. delivery	Fuel cost, US\$/ac
1	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 --	2.3	2.3	112.3
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	default	-- none --	-- none --	2.0	2.0	143.2
4 and 6	No-till corn meets "T"	CMZ 65\c.Other Local Mgt Records\Bish man 5 yrs nt cs 3 yrs hay	a. rows up-and-down hill	-- none --	-- none --	1.8	1.8	112.3