

RESOURCE INVENTORY WORKSHEET
Maryland RUSLE2 Crop Management Data Collection Form

Client Name:	Address:
Farm No./Tract No.:	Total Acres:
Evaluator:	Date:

Typical Rotation for Field(s)												
Tract	Field(s)	Soil Symbol	% Slope	Slope Length	Crop	Management System	Tillage Operations	No. of trips/ Time	Average Yield (2 years)	% Rock Cover	Manure Utilization Type/Amount	Supporting Practices*
						Conventional No-till Mulch till	No till Moldboard Plow Chisel plow Disking Ripping	_____				Contouring Cover Crops Strip/Barriers Diversion/ Terrace
						Conventional No-till Mulch till	No till Moldboard plow Chisel plow Disking Ripping	_____				Contouring Cover Crops Strip/Barriers Diversion/ Terrace
						Conventional No-till Mulch till	No till Moldboard plow Chisel plow Disking Ripping	_____				Contouring Cover Crops Strip/Barriers Diversion/ Terrace

***Describe Supporting Practice:**

Comments:

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Client Name: Example Farmer	Address: 123 Cedar Lane, Centreville, MD
Farm No./Tract No.: Farm 101, Tract 1103	Total Acres: 70.0
Evaluator: Conservation Planner	Date: 06/20/2008

EXAMPLE

Typical Rotation for Field(s) 1, 2 and 4						Corn – Soybeans – Corn w/ Cover Crop						
Tract	Field(s)	Soil Symbol	% Slope	Slope Length	Crop	Management System	Tillage Operations	No. of trips/ Time	Average Yield (2 years)	% Rock Cover	Manure Utilization Type/Amount	Supporting Practices*
102	1	MkA	1%	180	Corn w/cover crop	Conventional No-till Mulch till	No till Moldboard Plow Chisel plow Disking Ripping	<hr/> <hr/> 1(Spring) <hr/> 2(Spring) <hr/> <hr/>	160	0%	Dairy 4000 gal/ac Spring	Contouring Cover Crops Strip/Barriers Diversion/ Terrace
102	2	IgB	3%	150	FS Soy Beans	Conventional No-till Mulch till	No till Moldboard plow Chisel plow Disking Ripping	<hr/> <hr/> 1(Spring) <hr/> <hr/> <hr/>	40	0%	No	Contouring Cover Crops Strip/Barriers Diversion/ Terrace
102	4	GfB	5%	180	Corn w/cover crop	Conventional No-till Mulch till	No till Moldboard plow Chisel plow Disking Ripping	<hr/> <hr/> 1(Fall) <hr/> 2(Spring) <hr/> <hr/>	180	0%	Dairy 4000 gal/ac Fall	Contouring Cover Crops Strip/Barriers Diversion/ Terrace

***Describe Supporting Practice:** Producer manages all ground along contour a @ 2% grade. Uses Wheat Cover crops for all Corn fields. Cover cops are broadcast spread w/light disk.

Comments: Applies manure to all corn ground in either spring or fall. Chisel plow has straight points. First disking is heavy, second is light/finish. Is interested in learning more about no-till and/or mulch-till.

How the Example would look in RUSLE2

RUSLE2 Version 1.26.6.4 (Nov 13 2006) - [Management: CMZ 59\c.Other Local Mgt Records\Cons Plan Training Example]

File Database Edit View Options Tools Window Help

Graphic: Long-term natural rough., in. 0.24 Base equiv. diesel use, 14
 Rel. row grade, % 100 Normally used as a rotation? Yes Base energy use, BTU/ 1900000
 Duration, yr 3 Base fuel cost, US\$/ac 69
 Add to this management to make new one Fuel for all operations Local\Diesel

View/edit rotation builder used to make this management Irrigation system no irrigation

Operations Info

Date, m/d/y		Operation	Vegetation	Yield (# harv. units)	Type of cover material	Cover mat add/remov e, lb/ac	Cover from addition, %	Fuel use this operatic
+	-							
3/31/2		Manure spreader, liquid			Manure, liquid	13000	60	...iese
4/1/2		Chisel, st. pt.						...iese
4/10/2		Disk, tandem secondary op.						...iese
4/10/2		Disk, tandem light finishing						...iese
4/25/2		Planter, double disk opnr	Corn, grain	170.0				...iese
10/5/2		Harvest, killing crop 50pct standing stubble				4629.0	83	...iese
10/22/2		Planting, broadcast seeder	Wheat, winter cover	4000				...iese
10/23/2		Disk, tandem light finishing				1.4079	0.084	...iese
4/24/3		Sprayer, kill crop						...iese
5/13/3		Disk, tandem secondary op.						...iese
5/15/3		...air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	40.00				...iese
10/10/3		Harvest, killing crop 30pct standing stubble				959.81	43	...iese
10/16/3		Manure spreader, liquid			Manure, liquid	13000	60	...iese
10/17/3		Chisel, st. pt.						...iese
4/20/4		Disk, tandem secondary op.						...iese
4/22/4		Disk, tandem light finishing						...iese
5/1/4		Planter, double disk opnr	Corn, grain	170.0				...iese
10/5/4		Harvest, killing crop 50pct standing stubble				4629.0	83	...iese
10/8/4		Planting, broadcast seeder	Wheat, winter cover	4000				...iese
10/9/4		Disk, tandem light finishing				1.4079	0.084	...iese