

Rotation and Tillage Benchmark Inventory Sheet

Instructions and Key to Abbreviations:

1. Group fields by similar rotation, irrigation status, and similar yield potential due to natural soil variability.

2. Fill out enough years to show regularly occurring conservation rotation.

3. Use the following abbreviations as shown below and in the example.

C- Corn grain
Cs - Corn silage

CSw- Sweet corn
CSd- Seed corn
SBw- S. beans widerow (>= 30 in)
SBm- S. beans medium row 15 in.
SBn- S. beans narrow row < 15 in.

SG - Small grain
SGx- Small grain interseeded w/alf.
Alf- Alfalfa
Alf/gr- Alfalfa/grass
P- Peas
PTE - Potatoes (Early harvest)
PTL - Potatoes (Late harvest)
SF - Sunflowers
EB - Edible beans
B - Beets (Sugar)

4. Use notes to further explain operation(s) or chronology of operations in blank area.

5. Please make sure to include any cover crops you may use after harvesting your primary crop and explain your site prep for that cover crop. This can make a significant difference in soil loss and Soil Conditioning Index (SCI).

Farm #(s) or Tract #(s):	Field(s):												Acres:	Notes:											
	1999			2000			2001			2002				2003			2004			2005					
Year	1999			2000			2001			2002			2003			2004			2005						
Crop																									
Ave. Yield																									
Fall & Spring tillage performed in preparation for listed planted or planned crop within the same column	Tillage (# of times)																								
	Fall		Spring																						
		Plow			Plow			Plow			Plow			Plow			Plow			Plow					
		Chisel			Chisel			Chisel			Chisel			Chisel			Chisel			Chisel					
		F. Cultivate			F. Cultivate			F. Cultivate			F. Cultivate			F. Cultivate			F. Cultivate			F. Cultivate					
		Row Cultivate			Row Cultivate			Row Cultivate			Row Cultivate			Row Cultivate			Row Cultivate			Row Cultivate					
		Disk			Disk			Disk			Disk			Disk			Disk			Disk					
		Rotary Hoe			Rotary Hoe			Rotary Hoe			Rotary Hoe			Rotary Hoe			Rotary Hoe			Rotary Hoe					
		No-till			No-till			No-till			No-till			No-till Plant			No-till			No-till					
		Strip-Till			Strip-Till			Strip-Till			Strip-Till			Strip-Till			Strip-Till			Strip-Till					

Conservation practices (ie. Contouring, Contour Stripcropping, Terraces, Cross Slope Farming)

If Irrigated, how many inches applied per month?

Notes:

Applicant Signature: _____ **Date:** _____