

GUIDANCE DOCUMENT

Present Resource Condition	Identified Problems:
<b>Location:</b> MLRA 102 <b>Soils:</b> 92 Marcus Silty Clay Loam <b>Slope:</b> 2% <b>Slope Length:</b> 300ft <b>Land Use:</b> Cropland (Corn-soybeans) <b>Applied Practices:</b> Partially tilled <b>Tillage Operation:</b> Fall Mulch Corn, 20% Spr Mulch Beans 10%	Wind erosion is at 5 tons/acre. Excessive soil moisture at planting time, soil compaction, and poor soil tilth (low organic matter) inhibits plant growth and reduces plant vigor.

RESOURCE CONCERNS	SOIL					WATER				AIR		ANIMALS
	Eros.	Cond.	Depos.	Dam-	age	Quan.	Qual.	Quality	Habitat			
<b>Practices</b>	Sheet & Rill	Wind	Tilth	Com- pac- tion	Off- site	Excess Runoff	Pest.	Nutr- ient	Sedi- ment	Part- icles	Chem. Drift	Cover/ Shelter
<b>Present Condition</b>	<b>SL-</b>	<b>SIG-</b>	<b>SIG-</b>	<b>MOD-</b>	<b>SL-</b>	<b>SIG-</b>	<b>MOD-</b>	<b>SIG-</b>	<b>MOD-</b>	<b>SIG-</b>	<b>0</b>	<b>0</b>
<b>Alternative. #1</b>												
329 Cons. Tillage Ridge Till 50%	SL+	SIG+	Mod+	MOD+	MOD+	SL+	SL+	SL+	MOD+	SIG+	0	SL+
606 Subsurf. Drain	0	SL+	SL+	SL+	0	SL+	0	MOD-	SL+	NA	NA	0
590 Nutr. Mgmt.	0	0	0	0	0	0	0	SIG+	0	0	0	0
595 Pest Mgmt.	0	0	0	0	0	NA	SIG+	0	0	0	SL+	SL-
<b>Supplemental Practices (Streams/Rivers present)</b>												
393 Filter Strip	0	0	0	0	SIG+	SIG+	SIG+	SIG+	SIG+	SL+	SL+	MOD+

The values are recorded using NA = Not Applicable; + = Positive effect; - = Negative effect; 0 = negligible effects.  
The modifiers SL = Slight; MOD = Moderate; or SIG = Significant denote the range of effects.