

GUIDANCE DOCUMENT

SEC III—IL—TECHNICAL GUIDE
Guidance Documents—Pastureland

Identified problems: Pasture is overgrazed and has low fertility. Sheet and rill erosion is at 10 tons/acre, and compaction is present. Gully erosion is present at edge of field, with raw streambanks. Cattle have ready access to creek causing a nutrient problem. Due to streambank erosion, there is suspended sediment in stream, causing impaired aquatic habitat. Poisonous weeds due to lack of mowing, causing poor quality/quantity of forages and poor animal weight gain.

Resource Setting

CRA-E-MLRA-113

Soils: Hickory 8F

Land use: Pastureland, unimproved bluegrass pasture

Applied practices: Exterior fences only

RESOURCE CONCERNS	SOIL			WATER			PLANTS	ANIMALS		
	Erosion		Condition	Quality surface			Condition	Habitat (domestic)		Mgt
	Sheet & Rill	Ephemeral Gully Erosion	Compaction	Nutrients & Organics	Suspended Sediments & Turbidity	Aquatic Habitat Suitability	Productivity	Cover or Shelter	Food	Population/Resource
Alt. #1										
342 Critical Area Planting	SI+	Sig+	0	0	Mod+	SI+	0	SI+	SI+	SI+
382 Fence	SI+	SI+	SI+	Sig+	SI+	SI+	SI+	SI+	SI+	SI+
410 Grade Stabilization Structure	0	Sig+	0	0	Mod+	SI+	0	0	0	0
472 Livestock Exclusion	0	Sig+	0	Sig+	Sig+	Sig+	0	Mod+	Mod+	Mod+
512 Pasture Planting	Sig+	SI+	SI+	0	Mod+	SI+	Sig+	Sig+	Mod+	SI+
528a Prescribed Grazing	Mod+	Sig+	Mod+	0	SI+	SI+	Sig+	Sig+	Mod+	SI+
580 Streambank Protection	0	0	0	0	Mod+	Sig+	0	SI-	SI+	0