

B-1-g. Pastureland, Kikuyugrass/Ryegrass Guidance Document

SOILS

Symbol Map Unit
 PLC Palapalai silt loam, 6 to 12 percent slope

These are deep and very deep well-drained soils on gently to moderately sloping uplands. The surface layers are dark brown silt loam. Roots can penetrate to a depth of 4 feet or more. Permeability is moderately rapid, runoff is slow to medium and the erosion hazard is slight.

REPRESENTATIVE RESOURCE CONCERNS

- Gully erosion caused by stock trails
- Off site deposition as a result of over grazing
- Phosphorus fixation important to legume fertility
- Adequate cover to allow for ground water recharge
- Nutrient contaminants in surface water
- Nutrient contaminants in ground water
- Dust from roads
- Balance domestic animal forage consumption with forage production
- Availability of livestock water

EFFECTS: (+) = Beneficial effect (0) = No effect (-) = Negative effect

Resource:	SOIL		WATER			AIR		PLANTS			ANIMALS		
Considerations:	Erosion	Condition	Quantity	Quality		Quality	Condition	Suitability	Condition	Management	Habitat	Management	
Concern Practice	Classic Gully	Offsite Deposition	Excess Amounts	Ground Water Contamination	Surface Water Contamination	Airborne Sediment & Smoke Particles – Onsite & Offsite	Air Movement	Plants Unsuitable for Intended Use	Productivity	Establishment, Growth, & Harvest	Water	Population & Resource Balance	Health
			Runoff / Flooding	Nutrients & Organics	Nutrients & Organics								
Access Road	+	+	+ & -	+	+ & -	0	0	0	0	+	+ & -	+	+
Fence	+	+	+ & -	+	+	+	0	+	+	+	+	+	+
Nutrient Mgt.	+	+	0	+	+	0	0	0	+	+	+	+	+
Pasture & Hay Planting	+	+	+	+	+	-	0	+	+	+	+	+	+
Pipeline	+	+	+	+	+	0	0	0	0	+	+	+	+
Prescribed Grazing	+	+	+	0	+	+	0	+	+	+	+	+	+
Trough	+	+	0	+	+	0	0	0	0	+	+	+	+