

## Guidance Document – Missouri

**Landuse:** Pastureland

Problems . . . ✓ low plant populations ✓ over grazing ✓ small gullies ✓ ponds dry up in summer ✓ poor weight gains	Resource Setting . . . ✓ southwest Missouri – MLRA 116B ✓ moderately deep, cherty limestone soils with thin loess mantle on uplands ✓ continuous grazing system ✓ cow-calf operation ✓ tall fescue stands
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<b>Concerns:</b>	<i>Classic Gully</i>	<i>Low Soil Fertility</i>	<i>Inadequate Quantities of Drinking Water</i>	<i>Low Plant Production</i>	<i>Nutritional Needs not being Met</i>
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*Alternative #1-RMS: This alternative will restore and improve vegetative cover, increase and amend water supplies and distribution, improve weight gains, treat eroding gullies, and reduce fescue endophyte levels.*

512 – Pasture and Hayland Planting	0	+	0	+	+
528A – Prescribed Grazing	0	+	0	++	++
590 – Nutrient Management	0	++	0	++	++
342 – Critical Area Treatment	++	0	0	0	0
382 - Fence	F	F	F	F	F
378 - Pond	+	0	++	0	0
516 – Pipeline	F	F	F	F	F
614 – Trough or Tank	F	F	F	F	F
472 – Use Exclusion	0	0	+	0	0

Symbol Effect:: - Detrimental; 0 Negligible/Slight; + Beneficial; ++ Significant effect; F Facilitating