

Guidance Document – Missouri

Landuse: Hayland

Problems . . .	Resource Setting . . .
✓ low plant populations	✓ northeast Missouri – MLRA 115
✓ poor species composition	✓ deep loess soils on sloping uplands
✓ applied wastes reaching nearby stream	✓ very weedy tall fescue/K. bluegrass cover
✓ high phosphorous levels	✓ animal waste spreading area
✓ ephemeral gullies	✓ wildlife habitat community index - .56

Concerns:	<i>Ephemeral Gullies</i>	<i>Poor Soil Condition – high P</i>	<i>Surface Water Quality - Nutrients</i>	<i>Low Plant Populations</i>	<i>Plants Unsuitable for Use</i>
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Alternative #1-RMS: *This alternative will restore and improve vegetative cover, treat eroding gullies, reduce phosphorous build up, improve water quality and maintain wildlife values .*

512 – Pasture and Hayland Planting	+	0	0	+	+
511 – Forage Harvest Management	0	0	0	++	+
590 – Nutrient Management	0	++	+	+	0
633 – Waste Utilization	0	++	+	0	0
393 – Filter Strip	0	0	++	0	0

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