

JUNE 2011

Client: _____

Date: _____

Field Number(s): _____

Farm and Tract#: _____

Program: _____

Contract #: _____



Hedgerow Considerations

Wider hedgerows with greater plant diversity will generally enhance most resource values; results can be improved where there is a mixture of trees, shrubs, and herbaceous species. Hedgerows may be created by either natural succession or by supplemental planting. Even those created naturally can often be improved by adding specific plants such as trees that provide both beautiful flowers and fruits useful to wildlife.

Definition

Establishment of dense vegetation in a linear design to achieve a natural resource conservation purpose

Purposes

A hedgerow can be used on all lands to delineate field boundaries, serve as fences, establish contour guidelines, provide screens and barriers, or improve the landscape. Hedgerows also provide food and nesting cover for wildlife and allow wildlife to better utilize the adjacent fields. Hedgerows also provide some of the same benefits as windbreaks, while those on the downhill side of fields help catch sediment, nutrients and pesticides that may wash from the field.

Incorporating hedgerows on the land can provide benefits to multiple natural resources and landowner objectives.

Wildlife

All hedgerows attract wildlife, but the plant species selected can greatly affect the benefits provided. Hedgerows established for wildlife purposes should wide enough to reduce the effectiveness of predators and to provide good travel corridors. Hedgerow plantings for wildlife and pollinators often include:

- Native species adapted to area
- Fruit and nut producing plants
- Pollinator plants
- Warm season grasses for nesting

Specifications

The following contains plans and specifications design to meet your specific objectives and resource concerns. Specifications are prepared in accordance with the NRCS Field Office Technical Guide practice standard for Hedgerow Planting (422).

Hedgerow Planting - Specifications Sheet

Purpose (Check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Delineate field boundaries | <input type="checkbox"/> Establish contour guidelines | <input type="checkbox"/> Provide visual screens |
| <input type="checkbox"/> Provide wildlife habitat | <input type="checkbox"/> Improve landscape esthetics | <input type="checkbox"/> Provide fence |

Location and Layout	Planned	Applied
Hedgerow Width		
Hedgerow Length		
Hedgerow Area (ft ²)		

Plant Materials Information

Woody Plants and Vines

Species/cultivars:	Kind of stock ¹	Planting Dates	Number of rows	Average spacing ²	Total # of plants needed
Planned					
1					
2					
3					
4					
Applied					
1					
2					
3					
4					

¹ BAreroot, COntainer, CUtting. ² Average spacing between plants to achieve plants/acre.

Herbaceous Plants

Species/cultivars:	Seeding rate (lbs/ac) ³ Or Sprigging rate	Planting Dates	Recommended lime (tons/ac) ⁴	Recommended fertilizer N-P ₂ O ₅ -K ₂ O (lbs/ac) ⁴	Total # of PLS needed
Planned					
1					
2					
3					
4					
Applied					
1					
2					
3					
4					

³ Pure live seed (PLS) where available ⁴ Soil test required prior to application

