

Practice: 422 - Hedgerow Planting

Scenario # 1 Hedgerow Planting

Missouri

Scenario Description:

Three rows of bare-root trees, shrubs or a combination of trees and shrubs are planted for wildlife habitat (corridor), pollinator habitat, reduction of particulate matter, chemical drift, or odor movement, and boundary delineation and contour guidelines. This practice is typically applied on cropland. Trees and/or shrubs will be planted into previously established bunch grasses that produce erect stems greater than 3' in height and will persist over winter. This herbaceous component will be established according to the guidelines in 327 Conservation Cover. Where the state conservation practice standard refers to 612 Tree/Shrub Establishment for all tree establishments, this payment is for the foregone income for land removed from crop production where windbreak is installed. Refer to associated practices; 612 Tree/Shrub Establishment for the tree planting and 490 Tree/Shrub Site Preparation. Additional associated practices may include: 315 Herbaceous Weed Control, 660 Tree/Shrub Pruning, 484 Mulching

Before Practice Situation:

Habitat patches lack connectivity. Cover is inadequate to allow wildlife to exploit cropland food resources. Berries and mast are limited.

After Practice Situation:

Inadequate habitat for fish and wildlife is addressed for needs identified in the resource assessment. Habitat patches are connected by dense hedgerow vegetation. Food resources in crop fields are made available by their proximity to hedgerow cover. Planting may include fruit and mast bearing species, improving food supply, depending on needs being addressed.

Scenario Feature Measure:

length of hedgerow

Scenario Typical Size:	500	Feet	Tot Unit Cost	\$0.47
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Cost Category	Component Name	Quantity	Unit	Unit Cost	Cost
Forgone Income	FI, Soybeans Dryland	0.3	Acre	\$385.53	\$115.66
Forgone Income	FI, Corn Dryland	0.3	Acre	\$392.59	\$117.78

Total Cost: \$233.44

Payment types:

PayType	Unit Payment	PayType	Unit Payment
EQIP-NOI	\$0.35	EQIP-HUNOI	\$0.42
WHIP	\$0.23	WHIP-HU	\$0.35