

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	Delta States
State	Louisiana
Discipline Group	Agronomy
Practice Code/Name	332 - Contour Buffer Strips
Scenario ID	2
Scenario Name	332-Introduced, Inc Foregone
Scenario Description	Narrow strips of permanent, herbaceous vegetative cover established around the hill slope and alternated down the slope with wider cropped strips in between that are farmed on the contour. This practice applies to all cropland. Practice includes seedbed prep and planting of mainly introduced species. The area of the field border is taken out of production.
Before Practice Situation	Water Erosion Calculator (e.g. RUSLE2) indicates that there is a significant amount of sheet and rill erosion and/or a significant amount of sediment potentially delivered to the downslope edge of the field. A secondary concern is that there may not be enough wildlife/pollinator habitat, food source or refugia in the field or farm.
After Practice Situation	Introduced grasses and legumes will be established in strips in the field to meet the resource needs and producer objectives. Minimum widths shall be based on NRCS local design criteria specific to the purpose for installing the practice. Introduced species shall be selected that do not function as a host for diseases of a field crop and have physical characteristics necessary to control water erosion to tolerable levels in the cropped area of the field.
Scenario Feature Measure	Number of acres
Scenario Unit	Acre
Scenario Typical Size	1

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$108.50	\$108.50
Equipment/Installation	\$16.83	\$16.83
Labor	\$0.00	\$0.00
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$203.87	\$203.87
Total	\$329.20	\$329.20

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	334	Herbicide, Glyphosate	A broad-spectrum, non-selective systemic herbicide. Product is typically used in these practices 340, 645, 314, 666, and 512. Refer to WIN-PST for product names and active ingredients. Materials only.	Acre	\$11.04	1	\$11.04
Materials	263	Muriate of Potash	Approved for Organic Systems - Muriate of Potash	Pound	\$0.93	20	\$18.60
Materials	95	Smooth Bromegrass (Bromus inermis)	Introduced Perennial Grasses and shipping.	Pound	\$3.15	5	\$15.75
Materials	91	Kentucky Bluegrass (Poa pratensis)	Introduced Perennial Grasses and shipping.	Pound	\$3.02	3	\$9.06
Materials	73	Phosphorus, P2O5	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.78	20	\$15.60
Materials	71	Nitrogen (N), Urea	Price per pound of N supplied by Urea. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.59	30	\$17.70
Materials	104	Alfalfa (Medicago sativa)	Introduced Legumes and shipping.	Pound	\$4.15	5	\$20.75
Equipment/Installation	948	Chemical, ground application	Chemical application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$3.93	1	\$3.93
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$12.90	1	\$12.90
Foregone Income	1971	FI, Sorghum Dryland	Dryland Sorghum is Primary Crop	Acre	\$123.07	0.25	\$30.77
Foregone Income	1959	FI, Corn Dryland	Dryland Corn is Primary Crop	Acre	\$326.97	0.25	\$81.74
Foregone Income	1961	FI, Soybeans Dryland	Dryland Soybeans is Primary Crop	Acre	\$168.41	0.25	\$42.10
Foregone Income	1967	FI, Cotton Dryland	Dryland Cotton is Primary Crop	Acre	\$197.01	0.25	\$49.25