

Cost Data	Practice Name:	Fence	382
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Typical Implementation Scenario

Permanent Safety fence around waste storage as required per standard 313; 4 strand HT smooth, polycoated, barbed or regular barbed wire for			
Geographic Area	Statewide	Practice/Activity Type:	Practice Activity
Unit for Cost Estimate	Ft.	Typical Units in Scenario	603
Practice Life (Years)	20	O & M Factor	10.00%
Discount Rate (%/Year)	4.20%		

Name	Description	Unit	Quantity	Cost Each	Total
Materials					
metal line posts	metal t type	each	24	7.31	\$175.44
wood corner and gate braces and post	per standard various dimensions	each	30	\$9.00	\$270.00
gate	steel tubular min 12 ft.	each	4	\$150.00	\$600.00
wire	4 strand HT smooth, coated or barbed	ft	2412	\$0.05	\$120.60
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Total Materials					\$1,166.04

Equipment/Installation					
none					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Total Equipment Use, Services					\$0.00

Labor					
post driving		each	44	\$1.50	\$66.00
construct braces, install wire and gates		hour	8	\$15.00	\$120.00
					\$0.00
Total Labor					\$186.00

Mobilization/Demob.					
Materials		job	1	\$65.00	\$65.00
Total Mobilization/Demob.					\$65.00

Operation & Maintenance (Annual)					
Total Installation Cost times O&M Factor					\$141.70

Acquisition of Technical Knowledge					
none					\$0.00
Total Acquisition of Technical Knowledge					\$0.00

Foregone Income					
none					\$0.00
Total Foregone Income					\$0.00

Risk					
none					\$0.00
Total Risk					\$0.00

Customer's Administration Costs (Permits, Surveys, & Other)					
none					\$0.00
Total Administration & Permits					\$0.00

Total Cost Estimate (Total Implementation Cost = (Materials + Equipment/Installation + Labor + Mobilization + Acquisition of Technical					\$1,558.74
Cost Data Source Documentation is in separate files in the State Office files as per Title 200 Economics Handbook, Part 613, Subpart B, 613.13 (C) (3)					

This conservation practice supports/facilitates or is planned with the following conservation practices. Please refer					
Waste Storage Facility					

Cost Data: Average Practice Implementation Cost Basis: Typical Scenarios, Cost Estimate Method (cost data "Grey

Typical Implementation Scenario

interior high tensile electric and non-electric, or barbed wire. 1/2 mile per standard with 2 strand; metal t posts in line, wood post corner and braces and line boss. Light sight prep <30% of installation area hand removal of shrubs. Contractor installed fence after site prep.

Refer to the FOTG (Field Office Technical Guide) Section V Conservation Practice Physical Effects for resource concerns addressed by the practice and Section IV Conservation Practice Standard for definition of the practice, conditions where the practice applies, practice purposes and criteria. This worksheet is for development of costs and not intended to replace reference and use of the FOTG.

Geographic Area	Statewide	Practice Name:	Fence	382
Typical Units in Scenario	2640	Practice/Activity Type:	Structural	
Unit for Cost Estimate	Ft.	Description (from Practice Standard)		
Practice Life (Years)	20	A constructed barrier to animals or people.		
Discount Rate (%/Year)	3.90%			

This typical scenario was developed to provide general conservation practice installation costs as the basis for development of payment schedules. This is

Name & Description	Unit	Quantity	Cost Each	Total
Materials				
Construction Materials				
Contractor's bid's complete installed	Ft.	2640	1.25	\$3,300.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Agronomic Materials				
none	0		0	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Total Materials				\$3,300.00
Equipment/Installation				
Mowing, flail, sickle or bushhog, includes operator	acre	0.4	14	\$5.60
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Total Equipment Use, Services				\$5.60
Labor				
Included in materials				\$0.00
analysis of site and make decisions	hr	2	20	\$40.00
				\$0.00
Total Labor				\$40.00
Mobilization/Demob.				
Equipment, on flatbed trailer behind pickup truck	each	1	159	\$159.00
				\$0.00
Total Mobilization/Demob.				\$159.00
Operation & Maintenance (Annual: show one year only)				
Calculated as a percentage of installation costs based on O&M factor	factor	5.00%	\$3,504.60	\$175.23
Total O&M				\$175.23
Acquisition of Technical Knowledge				
None				\$0.00
				\$0.00
Total Acquisition of Technical Knowledge				\$0.00
Foregone Income, one year only				
None	0		0	\$0.00
				\$0.00
Total Foregone Income				\$0.00
Risk				
none	0		0	\$0.00
				\$0.00
Total Risk				\$0.00
Customer's Administration Costs (Permits, Surveys, & Other)				
none	0		0	\$0.00
				\$0.00
Total Administration & Permits				\$0.00
Sum of costs for this typical job				\$3,679.83
Cost per Unit (this job divided by typical units)				1.393875

Cost Data Source Documentation is in separate files in the State Office files as per Title 200 Economics Handbook, Part 613, Subpart B, 613.13 (C) (3) "Provide the documentation in a separate workbook, electronic file, and/or hard-copy file in the State Office."

This conservation practice supports/facilitates or is planned with the following conservation practices. Please refer to the FOTG and National Planning Procedures Handbook

Cost Data: Average Practice Implementation Cost Basis: Typical Scenarios, Cost Estimate Method (cost data "Grey

Typical Implementation Scenario

10' Woven wire for exclusion of deer, etc from feed storage. TB concern. 66'x660', 1452 lin ft with 1 gate. 20 ft post spacing.

Refer to the FOTG (Field Office Technical Guide) Section V Conservation Practice Physical Effects for resource concerns addressed by the practice and

Geographic Area	Statewide	Practice Name:	Fence	382
Typical Units in Scenario	1452	Practice/Activity Type:	Structural	
Unit for Cost Estimate	Ft.	Description (from Practice Standard)		
Practice Life (Years)	20	A constructed barrier to animals or people.		
Discount Rate (%/Year)	3.90%			

This typical scenario was developed to provide general conservation practice installation costs as the basis for development of payment schedules. This

Name & Description	Unit	Quantity	Cost Each	Total
Materials				
Construction Materials				
wire	ft	1452	1.35	\$1,960.20
gates	each	1	130	\$130.00
wood posts	each	25	18	\$450.00
t posts	each	48	13.5	\$648.00
staple, crimp sleeves, etc.	ft.	1452	0.2	\$290.40
corners	each	4	60	\$240.00
				\$0.00
Agonomic Materials				
none	0		0	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<i>Total Materials</i>				\$3,718.60
Equipment/Installation				
Post driving	each	73	1.5	\$109.50
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<i>Total Equipment Use, Services</i>				\$109.50
Labor				
Common Labor hand work with tools	hr	45	20	\$900.00
				\$0.00
				\$0.00
<i>Total Labor</i>				\$900.00
Mobilization/Demob.				
Equipment, on flatbed trailer behind pickup truck	each	1	159	\$159.00
				\$0.00
<i>Total Mobilization/Demob.</i>				\$159.00
Operation & Maintenance (Annual: show one year only)				
<i>Calculated as a percentage of installation costs based on O&M factor</i>	factor	5.00%	\$4,887.10	\$244.36
Total O&M				\$244.36
Acquisition of Technical Knowledge				
None				\$0.00
				\$0.00
<i>Total Acquisition of Technical Knowledge</i>				\$0.00
Foregone Income, one year only				
None	0		0	\$0.00
				\$0.00
<i>Total Foregone Income</i>				\$0.00
Risk				
none	0		0	\$0.00
				\$0.00
<i>Total Risk</i>				\$0.00
Customer's Administration Costs (Permits, Surveys, & Other)				
none	0		0	\$0.00
				\$0.00
<i>Total Administration & Permits</i>				\$0.00
Sum of costs for this typical job				\$5,131.46
Cost per Unit (this job divided by typical units)				3.534059917
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This conservation practice supports/facilitates or is planned with the following conservation practices. Please refer to the FOTG and National Planning Procedures				

Cost Data	Practice Name:	Fence	382
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Typical Implementation Scenario

Permanent installation perimeter; 40 acres; 1320x1320; 2 gates; HT or regular woven wire per standard; clearing <50% perimeter and/or cut/fill < 1 ft

Geographic Area	Statewide	Practice/Activity Type:	Practice Activity
Unit for Cost Estimate	Ft.	Typical Units in Scenario	5280
Practice Life (Years)	20	O & M Factor	10.00%
Discount Rate (%/Year)	4.20%		

Name	Description	Unit	Quantity	Cost Each	Total
Materials					
woven wire	regular or HT	ft	5280	0.06	\$316.80
metal posts	t-type line posts	each	274	\$7.31	\$2,002.94
wood posts	corners, braces, ends and gates	each	74	\$9.00	\$666.00
gates	panel or frame gate	each	2	\$150.00	\$300.00
barbed wire	top wire	ft	5280	\$0.05	\$264.00
					\$0.00
					\$0.00
					\$0.00
Total Materials					\$3,549.74

Equipment/Installation

brush hog/mowing		ac	0.75	14.00	\$10.50
					\$0.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00
Total Equipment Use, Services					\$10.50

Labor

post driving		each	344	\$1.50	\$516.00
clearing/grading	light prep, small shrubs and trees no grading	hour	2	\$66.40	\$132.80
construct braces, install wire and gates		hour	353	\$15.00	\$5,295.00
Total Labor					\$5,943.80

Mobilization/Demob.

materials to site		job	1	\$65.00	\$65.00
Total Mobilization/Demob.					\$65.00

Operation & Maintenance (Annual)

Total Installation Cost times O&M Factor \$956.90

Acquisition of Technical Knowledge

none					\$0.00
Total Acquisition of Technical Knowledge					\$0.00

Foregone Income

none					\$0.00
Total Foregone Income					\$0.00

Risk

low					\$0.00
Total Risk					\$0.00

Customer's Administration Costs (Permits, Surveys, & Other)

None					\$0.00
Total Administration & Permits					\$0.00

Total Cost Estimate (Total Implementation Cost = (Materials + Equipment/Installation + Labor + Mobilization + Acquisition of Technical \$10,525.94

Cost Data Source Documentation is in separate files in the State Office files as per Title 200 Economics Handbook, Part 613, Subpart B, 613.13 (C) (3)

[This conservation practice supports/facilitates or is planned with the following conservation practices. Please refer](#)
