Closed Out

How U.S. farmers are denied access to conservation programs

Institute for Agriculture & Trade Policy

By Michael Happ

September 2021

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OVERVIEW

According to data from the United States Department of Agriculture (USDA), between 2010 and 2020, just 31% of farmers[1] who applied to the Environmental Quality Incentives Program (EQIP) and only 42% of farmers[2] who applied to the Conservation Stewardship Program (CSP) were awarded contracts. Overall, EQIP turned down 946,459 contracts and CSP denied 146,425 contracts, at least partially for lack of funds. These numbers vary widely by state, but some of the lowest approval rates occurred in major agriculture states. The practices supported by EQIP and the whole farm approach supported by CSP help farmers reduce greenhouse gas emissions and adapt to emerging and extreme climate-related changes. Right now, Congress has a unique opportunity in the budget reconciliation process, and later in the next Farm Bill, to dramatically increase spending for CSP and EQIP, which would have an immediate, tangible impact on farmers' ability to respond to the climate crisis.

CONTEXT

In the wake of the International Governmental Panel on Climate Change's (IPCC) Sixth Report,[3] it is clearer than ever that governments must use every tool at their disposal to address the climate crisis. The IPCC's report underscores the sobering reality that there are currently enough greenhouse gases in the atmosphere to disrupt our planet for centuries, and we have a short window of time to reduce our emissions drastically.

This IPCC report was released as Congress is debating new investments that respond to the climate crisis within budget reconciliation, a process expected to add $3.5 trillion in new spending. Through the process of budget reconciliation, federal policy can be passed with only a majority of votes in the U.S. Senate, avoiding the need for 60 senators' support and any opposing filibuster.[4] IATP advocates for a bold, climate-focused agriculture title in the budget. Such a budget could transform the landscape for farmers, particularly those who have been closed out of popular conservation programs that can play an important role in responding to the climate crisis. The budget could be a once-in-a-lifetime solution for the crisis of our lifetime.

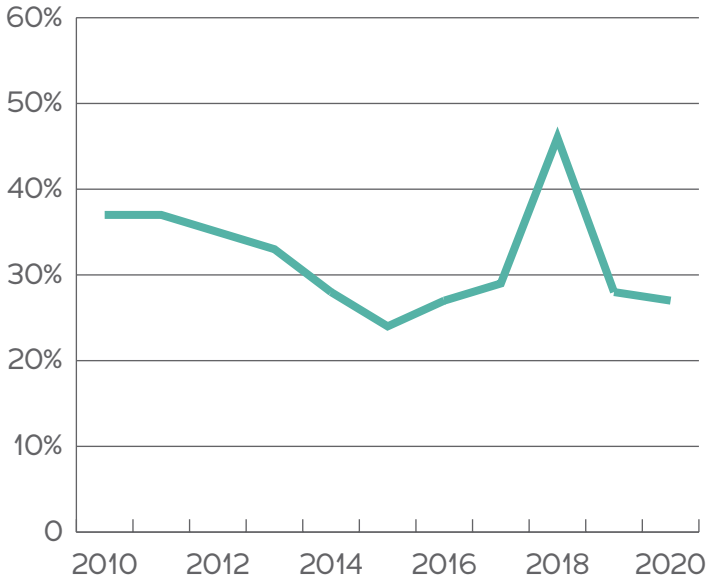
Farmers are often on the front lines of climate change. While climate change affects everyone's livelihoods, it does so for farmers in an immediate, visceral way. Whether it is through droughts, floods, extreme heat, megafires or any other weather extremes, climate change can ruin a crop or devastate animals in the blink of an eye. According to experts at USDA's Economic Research Service, climate change is expected to increase the cost of the federal crop insurance program from 3-20% or more, depending on how quickly we respond to the climate crisis.[5]

When confronted with the enormity of the climate crisis, some activists and policymakers instinctively suggest new programs. Many of these ideas have merit but will take some time to hit their stride. Fortunately for farmers, we already have two successful but underfunded programs in place to support climate resilience: The Environmental Quality Incentives Program (EQIP) and the Conservation Stewardship Program (CSP).

Each year, farmers apply for EQIP and CSP contracts that support practices that protect the soil, air, water and wildlife. These programs can also help farmers bounce back from climate-related disruptions like increased (or decreased) rainfall, warmer temperatures, invasive plant species and others.

The Natural Resource Conservation Service generally categorizes eligible practices under buckets such as soil health, nutrient management, grazing/pasture, agroforestry and sometimes to crop-specific practices like rice. It is under this general structure that EQIP's new "Climate-Smart Agriculture and Forestry" pilot program is organized.[6] While the practices outlined in the pilot program already exist in EQIP and CSP, NRCS is aiming to make it easier for climate-conscious farmers to recognize which kinds of practices fit with their operation. Despite good intentions, some of this money, and EQIP resources in general, is misdirected, as anaerobic digesters for large-scale concentrated animal feeding operations (CAFOs) are listed as a climate-smart practice. CAFOS use digesters to treat large amounts of animal waste, which emit large amounts of methane, a potent greenhouse gas. In supporting these digestors, the new pilot program supports a model of agriculture that is actively making the climate crisis worse, while also linked to water and air pollution.

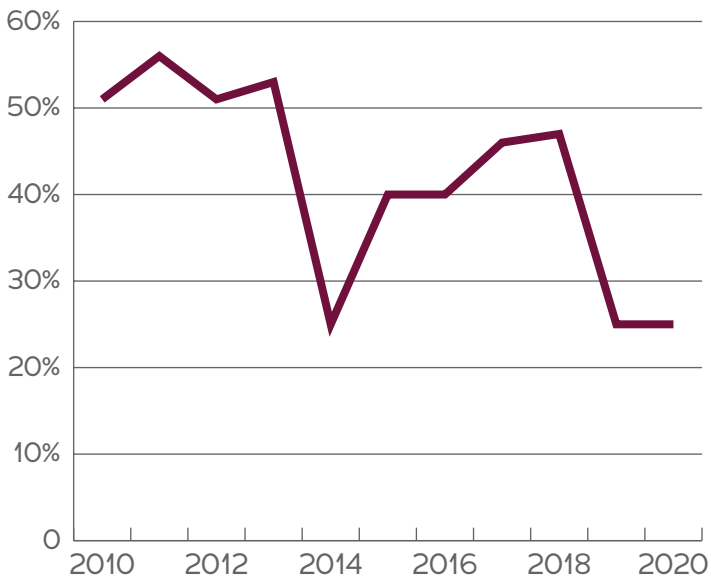
FIGURE 1: EQIP Applicants Awarded Contracts, 2010-2020



Source: United States Department of Agriculture (2021). *EQIP – Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

In 2010, 36,499 of the 98,030 (37%) EQIP applicants were awarded contracts. 10 years later, in 2020, fewer total farmers were awarded contracts while the number of applicants increased by 27.9%. In 2020, 33,701 of the 125,341 (27%) EQIP applicants were awarded contracts.

FIGURE 2: Percentage of CSP Applications Awarded Contracts, 2010-2020



Source: United States Department of Agriculture (2021). *CSP and CStP:– Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

As shown in Figure 2, in 2010, 20,567 of 38,501 (53%) CSP applicants nationwide were awarded contracts. 10 years later, in 2020, 6,682 of 27,110 (25%) of CSP applicants nationwide were awarded contracts. With CSP, not only did the percentage of successful applicants decrease, but the number of farmers applying to the program decreased as well.

WHY ARE EQIP AND CSP IMPORTANT?

EQIP and CSP are both intended to help farmers pay for environmental improvements on their farm. EQIP payments are intended for small, one-off projects like planting grass seed in waterways to prevent erosion, whereas CSP is intended to help pay for whole-farm projects, bundling projects together for broader aims like erosion control, water quality or wildlife habitat enhancement.

Traditionally, EQIP has provided cost share assistance for targeted conservation projects on farms. Many of these practices, like buffer strips, multi-story cropping, wetland enhancement and others can help mitigate some of the effects of climate change for farmers, acting as sort of an agroecological insurance against extreme weather events.

While EQIP can pay for beneficial practices, it is not a perfect program. On top of sending millions of dollars every year to CAFOs, in recent years, EQIP has also been used as a tool to weaken CSP. During the Trump administration especially, USDA leadership aimed to reduce the differences between the programs and introduce more first-time conservationists to CSP, even though it is meant to be used for experienced conservationists, or for those whose on-farm needs go beyond what EQIP can provide.

Climate-focused farmers are perfect candidates for the whole-farm-focused CSP but are now often diverted to EQIP's new pilot program, or even to the broader EQIP program. This could be because in many locations EQIP is more well-known among farmers and USDA staff, or that it is a simpler program to administer.

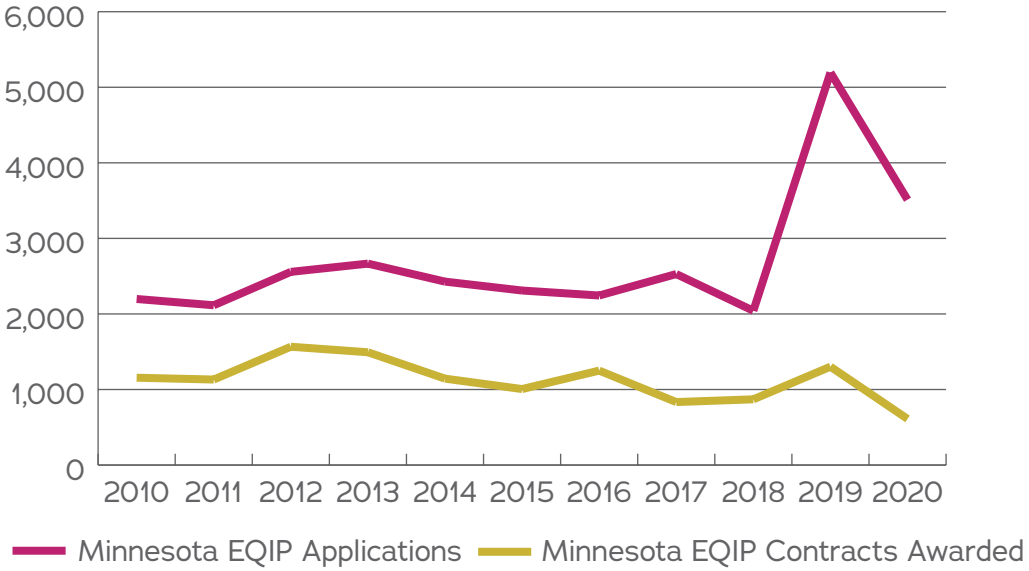
CSP is traditionally considered the next step for EQIP contract holders. While EQIP is considered a "one-and-done" cost share program, CSP is meant to work with farmers to implement larger conservation goals on their farm. Among these goals are cropland soil health/sustainability, fish and wildlife habitat, water quality and grazing land conservation.

The Case of Minnesota

Over the past 15 years, Minnesota has awarded more CSP contracts than any other state, with a total of 8,661 contracts between 2005 and 2020. Despite this record of success, in 2020 Minnesota only awarded contracts to 14% of those who applied, landing it 47th out of 52 states and territories. With more designated resources, Minnesota could award more contracts, conserve more acres and help more farmers.

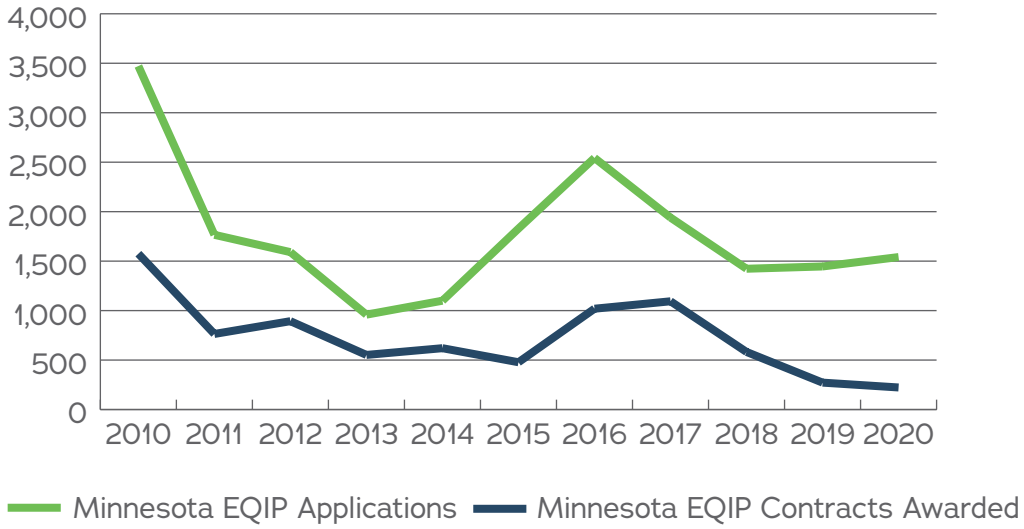
Similar to its relationship with CSP, Minnesota has awarded thousands of EQIP contracts over the past 15 years, making it a well-known program among farmers and contributing to its popularity. However, Minnesota does not award EQIP contracts to many of its applicants, saying yes to just 611 contracts in 2020 across the state, or 17% of the total applicant pool. That ranks Minnesota 50th out of 52 states and territories in successful applicants.

Minnesota EQIP Applications and Contracts Awarded, 2010-2020



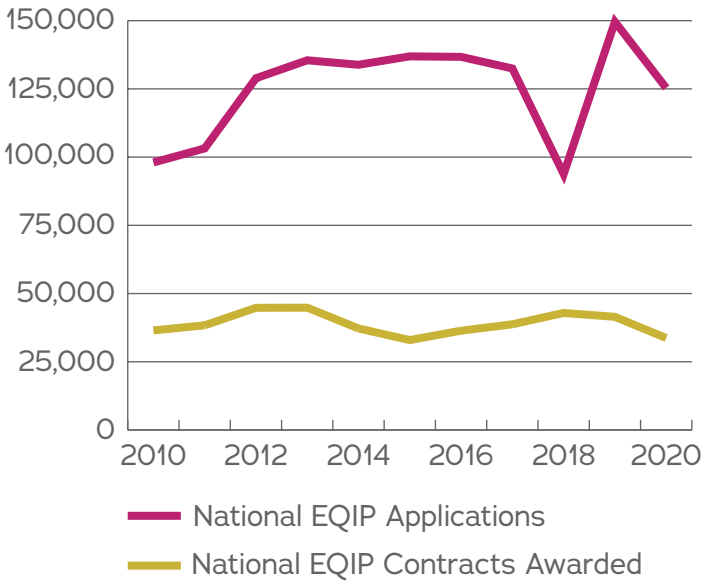
Source: United States Department of Agriculture (2021). *EQIP – Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

Minnesota CSP Applications and Contracts Awarded, 2010-2020



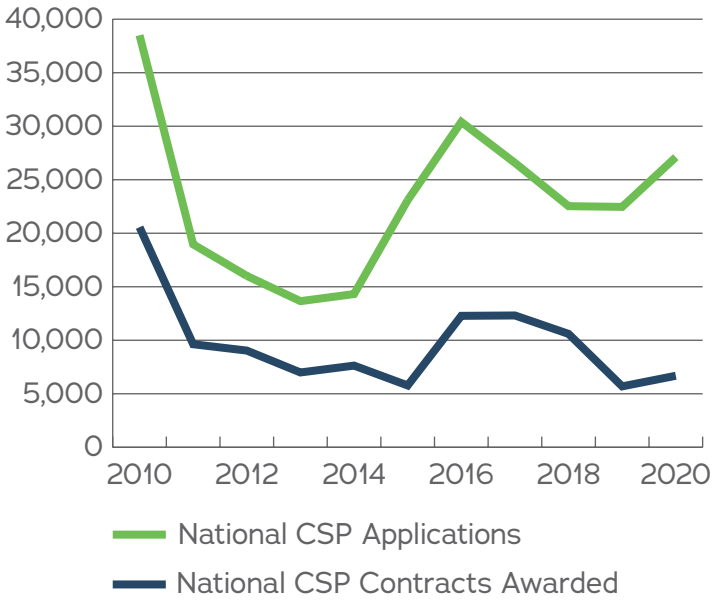
Source: United States Department of Agriculture (2021). *CSP and CStP:– Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

FIGURE 3: National EQIP Applications and Contracts Awarded, 2010-2020



Source: United States Department of Agriculture (2021). *EQIP – Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

FIGURE 4: National CSP Applications and Contracts Awarded, 2010-2020



Source: United States Department of Agriculture (2021). *CSP and CStP:– Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

If an operator wants maximum water conservation across their farm, CSP helps them decide which specific practices working in concert with each other can best achieve that goal. For one farmer that could mean planting grassed waterways, grassed buffers along a creek, and rotational grazing and fencing to limit the amount of time livestock might be in a body of water, minimizing contamination risk.

Many of the goals EQIP and CSP set out to achieve have secondary climate mitigation benefits, helping farms bounce back from climate change-related setbacks. For some, the climate benefit can be more direct. For those looking to transition from carbon-intensive, concentrated livestock operations to pasture-based livestock, CSP and EQIP can both be great tools, helping pay for fencing for rotational grazing, healthy forage, and other ways to make the most out of pastureland without stressing it to the breaking point.

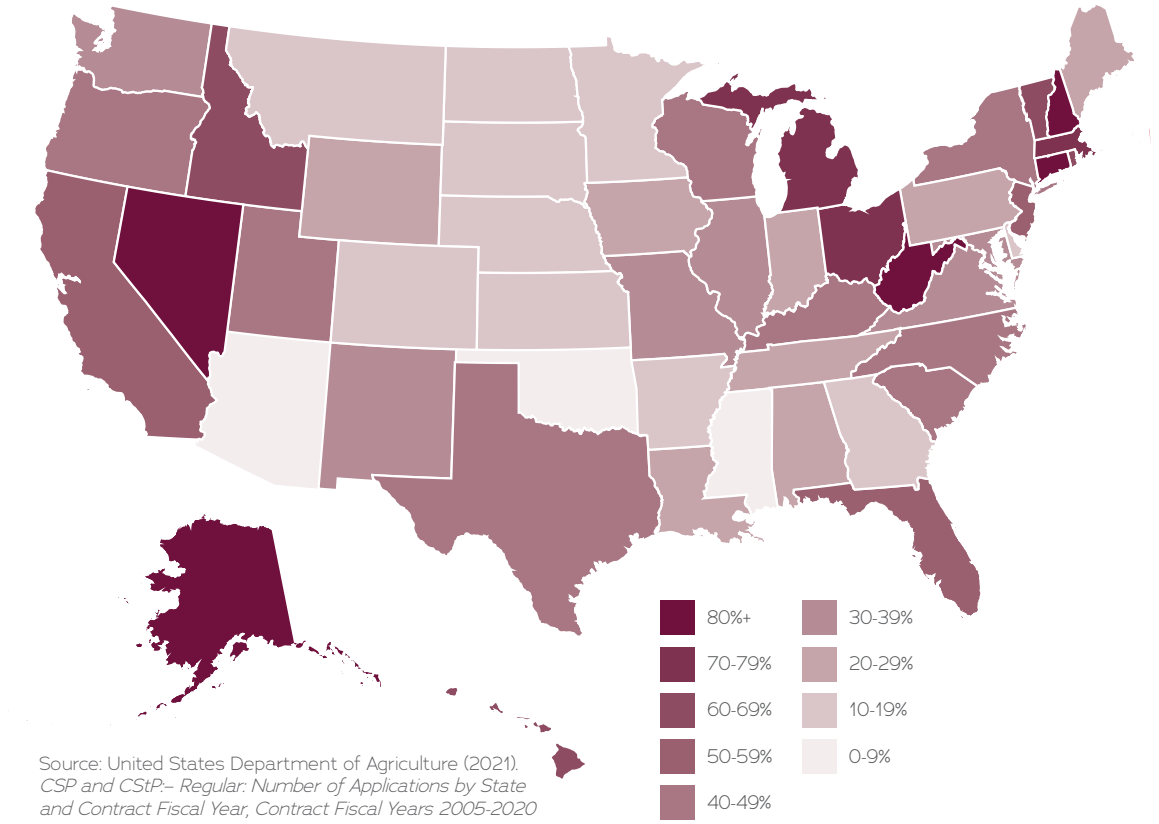
As seen in the map on the following page, the states in 2020 that were the most successful in connecting CSP applicants to contracts are states with fewer farmers. While Alaska has 100% success rate, it only awarded two CSP contracts in 2020, whereas in Mississippi, nearly 2,900 farmers applied for CSP, with only 157 of them awarded a CSP contract.

As shown in the map on the following page, EQIP applicants are most successful in Western states, New England and a handful of Great Lakes states. Alaska is the most successful, with 72 of its 116 (62%) applicants awarded contracts. Arkansas is the least successful, with 1,212 of its 8,658 applicants (14%) awarded contracts.

ACCESS TO CONSERVATION PROGRAMS FOR FARMERS OF COLOR

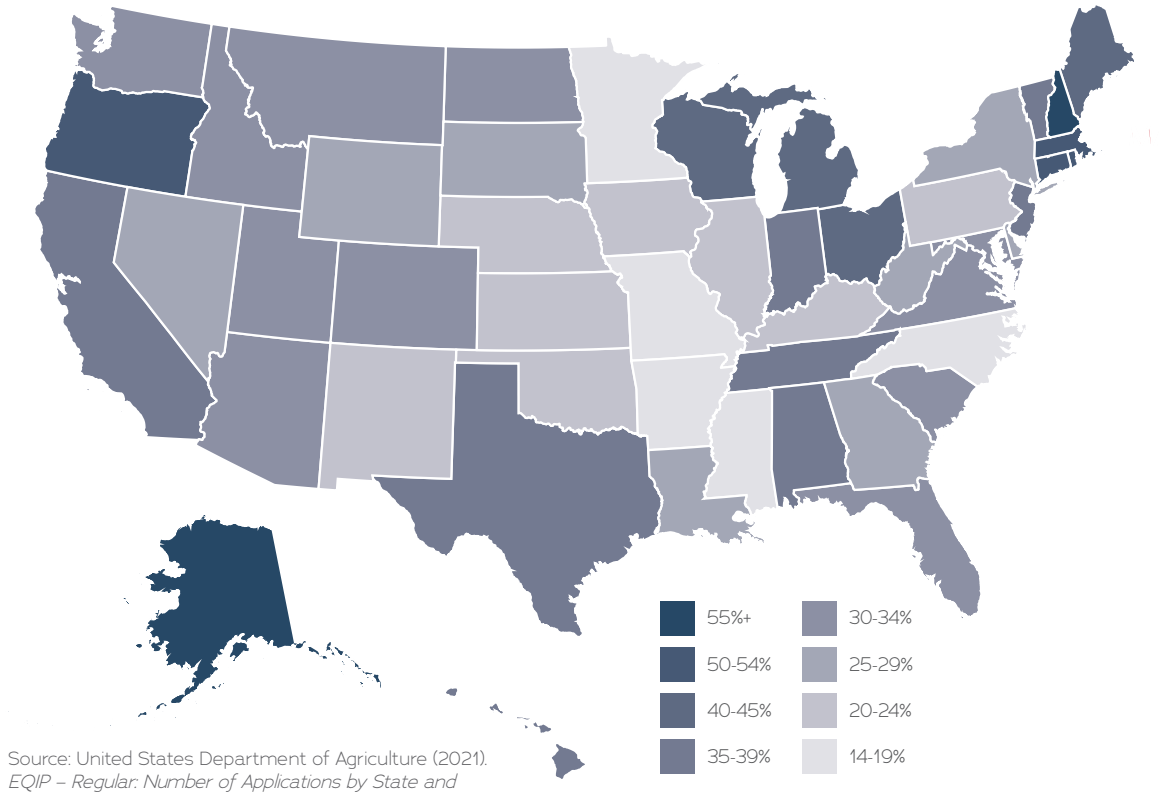
Five percent of CSP contracts are set aside each year for "socially disadvantaged farmers," the USDA term for farmers of color. These set asides are pools where the applications for farmers of color are only ranked against each other rather than in the general pool with all other farmers. Though this set aside is intended to improve access to conservation programs for farmers of color, there is a long and painful history of discrimination at NRCS, and at USDA more broadly.[7] This history has impeded outreach and signup processes.

FIGURE 5: Percentage of CSP Applicants Who Are Awarded Contracts (by state, 2020)



Source: United States Department of Agriculture (2021). *CSP and CStP:– Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

FIGURE 6: Percentage of EQIP Applicants Who Are Awarded Contracts (by state, 2020)



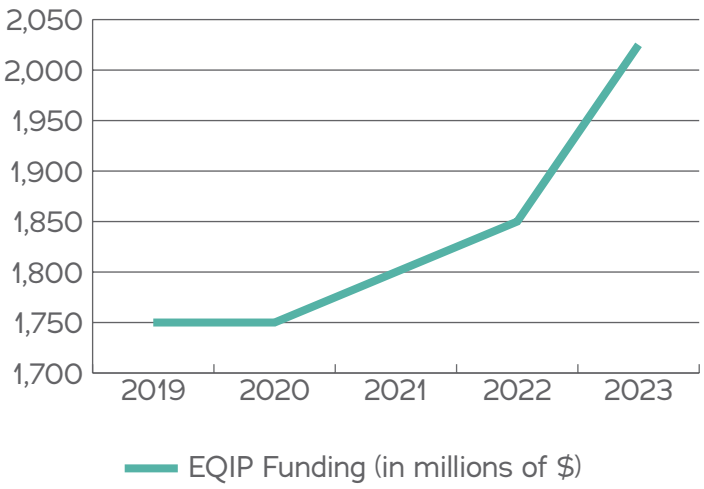
Source: United States Department of Agriculture (2021). *EQIP – Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020*

The data that exists on farmers of color at USDA can be confusing or misleading. Part of the reason is that data is not broken down by race at the state level (with the exception of Hispanic producers), only by whether or not a farmer is classified as "socially disadvantaged."

In addition, according to recent reporting by The Counter, discrimination in administering financial assistance to farmers of color continues into the current day, with data being distorted or misreported during the Obama administration and beyond to paint a sunnier picture than the reality at USDA.[8]

Despite the areas where USDA's data falls short, the data that does exist can be helpful. The department recently made public much of their data in a dashboard-style format. This includes data on CSP contracts by race nationwide, which can be found here. Similar data for EQIP can be found here. In 2020, for example, only 245 CSP contracts and 2,158 EQIP contracts were awarded to farmers of color nationwide. That comes out to 3.7% of CSP contracts and 6.4% of EQIP contracts nationwide being awarded to farmers of color. According to the National Agriculture Statistics Service, in 2017 there were over 240,000 farmers of color in the United States.

FIGURE 7: EQIP Funding, 2019-2023 (projected)



Source: Farm Bureau. "EQIP and CSP Conservation Programs in the 2018 Farm Bill," accessed September 2, 2021. https://www.fb.org/market-intel/eqip-and-csp-conservation-programs-in-the-2018-farm-bill

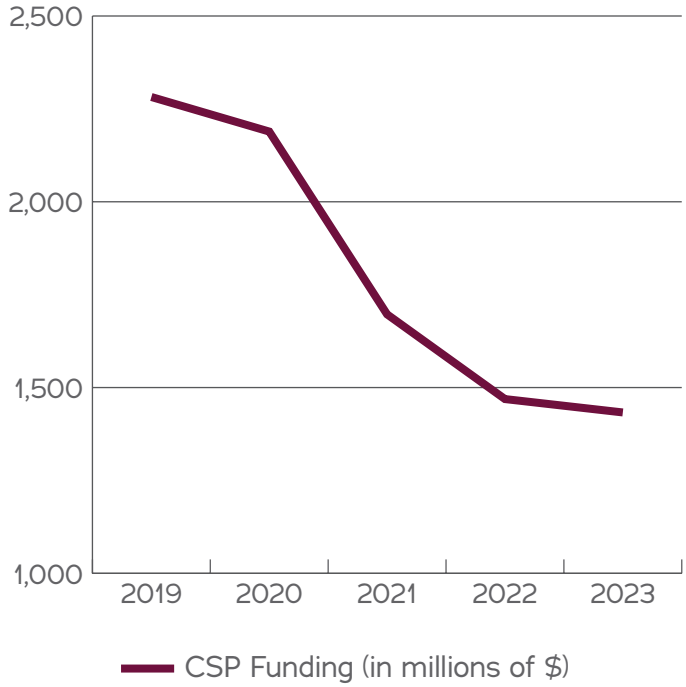
While IATP was not able to determine how many farmers of color applied for CSP and EQIP funding, it is clear that when only 1% of farmers of color are enrolled in the largest conservation programs in the country, more needs to be done to support farmers of color, who are in many cases the most susceptible to climate risks.

WHAT IS HAPPENING WITH EQIP AND CSP FUNDING?

Since the inception of EQIP and CSP, there have been thousands more applications than contracts awarded. By nature of application-based programs, there will be those who are successful and those who are not. However, with the sheer numbers of rejections occurring and the trends over the last decade, we know that qualified applicants are being turned away and that lack of funding is a serious and growing issue.

Figure 7 and 8 are two charts showing a divergent path for the two conservation programs. As a result of the 2018 Farm Bill, CSP funding has been on a downward funding

FIGURE 8: CSP Funding, 2019-2023 (projected)



Source: National Sustainable Agriculture Coalition. "Conservation Stewardship Program," accessed September 2, 2021. https://sustainableagriculture.net/publications/grassrootsguide/conservation-environment/conservation-stewardship-program/

trend, with nationwide funding for the program as high as **$2.3 billion in 2019**, with projected program funding to decrease to **$1.4 billion in 2023**.[9] At the same time that Congress decided to gradually cut CSP, it upped funding for EQIP, with the yearly allocation rising by $200 million between 2019 and 2023.[10]

This is a dangerous trend, considering that CSP is meant to be a more comprehensive program than EQIP, having a higher potential conservation benefit and financial benefit to farmers. This trend coincides with a long-term shortage of NRCS staff, reducing technical assistance capacity for the more paperwork-intensive CSP.[11]

A UNIQUE OPPORTUNITY TO SUPPORT FARMERS AND PROTECT THE CLIMATE

Expanding resources for CSP and EQIP are certainly not the only tools our food and farm system needs respond to the climate crisis. However, these programs can work in concert with other climate action policies, including stronger regulations on agriculture's major sources of emissions (dairy and hog CAFOs and synthetic fertilizers), reforms to commodity and insurance programs in the Farm Bill to support climate resilience, and deeper investments to support small and mid-sized producers contributing to local food systems.

What does this data mean for the immediate budget reconciliation process and the next Farm Bill? Perhaps the biggest takeaway is that there is intense demand for EQIP and CSP across the country, and that demand is not being met. There are some simple solutions to address this demand, some of which could be done without legislation. Other more lasting changes can be addressed now through budget reconciliation, and perhaps later through the 2023 Farm Bill.

Solutions Needed from USDA

- Clarify and reform the application process through Conservation Assessment Ranking Tool (CART)
- Ensure that CSP remains a whole-farm program and EQIP remains targeted for single conservation projects
- Meaningfully invest in CSP and EQIP outreach to farmers of color
- Prioritize the climate mitigation benefits of CSP

Solutions Needed from Congress

- Include an additional $30 billion for CSP and EQIP in budget reconciliation
- Authorize and appropriate more money for conservation technical assistance at NRCS
- Prohibit EQIP dollars from going to new or expanding CAFOs

CONCLUSION

What would U.S. climate policy look like if we had climate smart programs that farmers trusted and applied for in droves? The good news is that these programs already exist: The Conservation Stewardship Program and the Environmental Quality Incentives Program. The bad news is that not nearly enough farmers are being awarded contracts to meet existing demand. When fewer than half of program applicants nationwide are awarded contracts (and in many agriculture states fewer than 20%), more resources are needed. These programs can go a long way toward helping farmers and rural communities bounce back from climate change-fueled disasters. If resilience was the only benefit of these programs, they might already be worth it. However, more farmers enrolled in these programs also means more financial stability for farmers, better soil and water conservation, more resilient local food systems, and fewer emissions. Expanding access to these programs is low hanging fruit for Congress that can bring immediate benefits for farmers and the climate.

APPENDIX

TABLE 1: States Ranked by Percentage of 2020 CSP Applicants Awarded Contracts

Rank	State	2020 CSP Applications	2020 CSP Contracts	% of Applicants Awarded Contracts
1	Alaska	2	2	100%
2	Caribbean Area	12	10	83%
3	Nevada	27	22	81%
4	West Virginia	109	88	81%
5	Connecticut	5	4	80%
6	New Hampshire	15	12	80%
7	Massachusetts	52	39	75%
8	Ohio	200	147	74%
9	Michigan	528	387	73%
10	Vermont	54	37	69%
11	Hawaii	29	18	62%
12	Rhode Island	39	24	62%
13	Idaho	94	57	61%
14	Florida	92	52	57%
15	New Jersey	9	5	56%
16	California	208	109	52%
17	Pacific Basin	32	15	47%
18	North Carolina	340	157	46%
19	New York	190	86	45%
20	Wisconsin	1,176	532	45%
21	Utah	124	53	43%
22	Texas	610	256	42%
23	Oregon	338	140	41%
24	Kentucky	563	230	41%
25	South Carolina	511	202	40%
26	Maryland	66	24	36%
27	Illinois	1,245	428	34%
28	Washington	251	80	32%
29	New Mexico	232	73	31%
30	Virginia	431	135	31%
31	Missouri	1,608	490	30%
32	Indiana	372	103	28%
33	Pennsylvania	534	144	27%
34	Wyoming	34	9	26%
35	Maine	12	3	25%
36	Louisiana	706	173	25%
37	Alabama	474	114	24%
38	Tennessee	845	189	22%
39	Iowa	1,442	300	21%
40	Delaware	26	5	19%
41	Georgia	1,332	250	19%
42	Kansas	555	98	18%
43	Nebraska	1,310	223	17%
44	South Dakota	1,313	219	17%
45	Arkansas	1,441	224	16%
46	Colorado	321	47	15%
47	Minnesota	1,541	223	14%
48	North Dakota	848	122	14%
49	Montana	670	85	13%
50	Oklahoma	1,190	76	6%
51	Mississippi	2,872	157	5%
52	Arizona	80	4	5%

TABLE 2: States Ranked by Percentage of 2020 EQIP Applicants Awarded Contracts

Rank	State	2020 EQIP Apps	2020 EQIP Contracts	Percentage Awarded
1	Alaska	116	72	62%
2	New Hampshire	365	207	57%
3	Massachusetts	405	208	51%
4	Oregon	1,162	591	51%
5	Connecticut	160	81	51%
6	Rhode Island	212	105	50%
7	Michigan	2,445	1,059	43%
8	Maine	1,173	498	42%
9	Ohio	2,899	1,214	42%
10	Wisconsin	3,635	1,436	40%
11	New Jersey	610	227	37%
12	Hawaii	312	116	37%
13	Vermont	865	314	36%
14	Alabama	3,849	1,379	36%
15	Indiana	2,712	958	35%
16	California	4,244	1,473	35%
17	Texas	8,620	2,991	35%
18	Tennessee	3,511	1,216	35%
19	Montana	1,327	452	34%
20	Florida	1,768	597	34%
21	Maryland	790	266	34%
22	North Dakota	1,342	446	33%
23	South Carolina	3,005	983	33%
24	Idaho	1,257	409	33%
25	Colorado	1,686	526	31%
26	Nevada	246	76	31%
27	Arizona	440	134	30%
28	Washington	781	236	30%
29	Virginia	1,479	441	30%
30	Louisiana	2,193	623	28%
31	Delaware	474	132	28%
32	Wyoming	767	211	28%
33	Utah	1,524	412	27%
34	New York	1,145	308	27%
35	Caribbean Area	1,386	363	26%
36	West Virginia	1,549	393	25%
37	South Dakota	1,291	326	25%
38	Georgia	5,749	1,416	25%
39	Kansas	4,071	942	23%
40	Kentucky	3,369	755	22%
41	Nebraska	4,146	883	21%
42	Iowa	4,623	980	21%
43	New Mexico	1,430	289	20%
44	Pennsylvania	2,259	456	20%
45	Illinois	2,133	427	20%
46	Oklahoma	4,541	895	20%
47	Missouri	4,910	935	19%
48	Pacific Basin	111	21	19%
49	North Carolina	2,648	468	18%
50	Minnesota	3,512	611	17%
51	Mississippi	11,436	1,932	17%
52	Arkansas	8,658	1,212	14%

ENDNOTES

1. United States Department of Agriculture (2021). *EQIP – Regular: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020.*

2. United States Department of Agriculture (2021). *CSP and CStP: Number of Applications by State and Contract Fiscal Year, Contract Fiscal Years 2005-2020.*

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Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan - Written	CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	No	$5,008.73
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	No	$6,010.47
102	Comprehensive Nutrient Management Plan - Written	CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	No	$2,550.75
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	No	$3,060.90
102	Comprehensive Nutrient Management Plan - Written	CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	No	$3,733.35
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	No	$4,480.02
102	Comprehensive Nutrient Management Plan - Written	CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	No	$2,255.10
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	No	$2,706.12
102	Comprehensive Nutrient Management Plan - Written	CNMP Revision	No	$2,753.63
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Revision	No	$3,304.35
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	No	$9,740.58
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	No	$11,688.70
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Greater Than or Equal to 700 AU with Land Application	No	$10,816.55
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Greater Than or Equal to 700 AU with Land Application	No	$12,979.85
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Less Than 300 AU with Land Application	No	$8,546.36
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Less Than 300 AU with Land Application	No	$10,255.63
102	Comprehensive Nutrient Management Plan - Written	Livestock Operation Greater Than 300 AU without Land Application	No	$7,785.83
102	Comprehensive Nutrient Management Plan - Written	HU-Livestock Operation Greater Than 300 AU without Land Application	No	$9,342.99
102	Comprehensive Nutrient Management Plan - Written	Livestock Operation Less Than 300 AU without Land Application	No	$6,250.68
102	Comprehensive Nutrient Management Plan - Written	HU-Livestock Operation Less Than 300 AU without Land Application	No	$7,500.82
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	No	$8,786.34
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	No	$10,543.61
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	No	$10,620.60
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	No	$12,744.72

Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Less Than 300 AU with Land Application	No	$6,815.27
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Less Than 300 AU with Land Application	No	$8,178.32
104	Nutrient Management Plan - Written	Nutrient Management CAP 101-300 Acres (Element of a CNMP)	No	$4,215.23
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 101-300 Acres (Element of a CNMP)	No	$5,058.27
104	Nutrient Management Plan - Written	Nutrient Management CAP 101-300 Acres (Not part of a CNMP)	No	$2,408.70
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 101-300 Acres (Not part of a CNMP)	No	$2,890.44
104	Nutrient Management Plan - Written	Nutrient Management CAP Greater Than 300 Acres (Element of a CNMP)	No	$5,118.49
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP Greater Than 300 Acres (Element of a CNMP)	No	$6,142.19
104	Nutrient Management Plan - Written	Nutrient Management CAP Greater Than 300 Acres (Not part of a CNMP)	No	$3,010.88
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP Greater Than 300 Acres (Not part of a CNMP)	No	$3,613.05
104	Nutrient Management Plan - Written	Nutrient Management CAP Less Than or Equal to 100 Acres (Element of a CNMP)	No	$3,010.88
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP Less Than or Equal to 100 Acres (Element of a CNMP)	No	$3,613.05
104	Nutrient Management Plan - Written	Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)	No	$1,806.53
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)	No	$2,167.83
106	Forest Management Plan - Written	FMP 101 to 250 acres	No	$2,459.39
106	Forest Management Plan - Written	HU-FMP 101 to 250 acres	No	$2,951.26
106	Forest Management Plan - Written	FMP 21 to 100 acres	No	$1,372.68
106	Forest Management Plan - Written	HU-FMP 21 to 100 acres	No	$1,647.22
106	Forest Management Plan - Written	FMP 251 to 500 acres	No	$3,546.09
106	Forest Management Plan - Written	HU-FMP 251 to 500 acres	No	$4,255.31
106	Forest Management Plan - Written	FMP 501 to 1000 acres	No	$4,118.04
106	Forest Management Plan - Written	HU-FMP 501 to 1000 acres	No	$4,941.65
106	Forest Management Plan - Written	FMP Greater Than 1000 acres	No	$5,147.55
106	Forest Management Plan - Written	HU-FMP Greater Than 1000 acres	No	$6,177.06
106	Forest Management Plan - Written	FMP Less Than or Equal to 20 acres	No	$1,086.71
106	Forest Management Plan - Written	HU-FMP Less Than or Equal to 20 acres	No	$1,304.05
108	Feed Management Plan - Written	Feed Management Plan	No	$2,365.20
108	Feed Management Plan - Written	HU-Feed Management Plan	No	$2,838.24
110	Grazing Management Plan - Written	Grazing Management Plan 101 to 500 acres	No	$2,350.80

Code	Practice	Component	Units	Unit Cost
110	Grazing Management Plan - Written	HU-Grazing Management Plan 101 to 500 acres	No	$2,820.96
110	Grazing Management Plan - Written	Grazing Management Plan 1501 to 5000 acres	No	$3,526.20
110	Grazing Management Plan - Written	HU-Grazing Management Plan 1501 to 5000 acres	No	$4,231.44
110	Grazing Management Plan - Written	Grazing Management Plan 501 to 1500 acres	No	$2,938.50
110	Grazing Management Plan - Written	HU-Grazing Management Plan 501 to 1500 acres	No	$3,526.20
110	Grazing Management Plan - Written	Grazing Management Plan Greater Than 5000 acres	No	$4,113.90
110	Grazing Management Plan - Written	HU-Grazing Management Plan Greater Than 5000 acres	No	$4,936.68
110	Grazing Management Plan - Written	Grazing Management Plan Less Than or Equal to 100 acres	No	$1,763.10
110	Grazing Management Plan - Written	HU-Grazing Management Plan Less Than or Equal to 100 acres	No	$2,115.72
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 101-250 Acres	No	$686.34
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 101-250 Acres	No	$823.61
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 21-100 Acres	No	$457.56
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 21-100 Acres	No	$549.07
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 251-500 Acres	No	$915.12
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 251-500 Acres	No	$1,098.14
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 501-1000 Acres	No	$1,143.90
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 501-1000 Acres	No	$1,372.68
112	Prescribed Burning Plan - Written	Prescribed Burning Plan Greater Than 1000 Acres	No	$1,372.68
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan Greater Than 1000 Acres	No	$1,647.22
112	Prescribed Burning Plan - Written	Prescribed Burning Plan Less Than or Equal to 20 Acres	No	$285.98
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan Less Than or Equal to 20 Acres	No	$343.17
114	Integrated Pest Management Plan - Written	IPM Management CAP Large - Greater Than 250 Acres	No	$3,010.88
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Large - Greater Than 250 Acres	No	$3,613.05
114	Integrated Pest Management Plan - Written	IPM Management CAP Medium 51 - 250 Acres	No	$1,926.96
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Medium 51 - 250 Acres	No	$2,312.35
114	Integrated Pest Management Plan - Written	IPM Management CAP Small-Specialty Less Than 50 Acres	No	$1,505.44
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Small-Specialty Less Than 50 Acres	No	$1,806.53
116	Soil Health Management Plan - Written	Crops	No	$2,408.70
116	Soil Health Management Plan - Written	HU-Crops	No	$2,890.44

Code	Practice	Component	Units	Unit Cost
116	Soil Health Management Plan - Written	Crops and Livestock	No	$3,010.88
116	Soil Health Management Plan - Written	HU-Crops and Livestock	No	$3,613.05
116	Soil Health Management Plan - Written	Organic Crops	No	$2,709.79
116	Soil Health Management Plan - Written	HU-Organic Crops	No	$3,251.75
116	Soil Health Management Plan - Written	Organic Crops and Livestock	No	$3,311.96
116	Soil Health Management Plan - Written	HU-Organic Crops and Livestock	No	$3,974.36
116	Soil Health Management Plan - Written	Small Farm	No	$1,806.53
116	Soil Health Management Plan - Written	HU-Small Farm	No	$2,167.83
118	Irrigation Water Management Plan - Written	Irrigation Water Management CAP with Pump Test	No	$4,272.68
118	Irrigation Water Management Plan - Written	HU-Irrigation Water Management CAP with Pump Test	No	$5,127.21
118	Irrigation Water Management Plan - Written	Irrigation Water Management Conservation Activity Plan CAP	No	$2,718.98
118	Irrigation Water Management Plan - Written	HU-Irrigation Water Management Conservation Activity Plan CAP	No	$3,262.77
128	Agricultural Energy Management Plan - Written	AgEMP 128 Large, Four Enterprise	No	$6,480.75
128	Agricultural Energy Management Plan - Written	HU-AgEMP 128 Large, Four Enterprise	No	$7,776.90
128	Agricultural Energy Management Plan - Written	AgEMP 128 Medium, Four Enterprise	No	$4,941.77
128	Agricultural Energy Management Plan - Written	HU-AgEMP 128 Medium, Four Enterprise	No	$5,930.12
128	Agricultural Energy Management Plan - Written	AgEMP Large, One Enterprise	No	$2,951.40
128	Agricultural Energy Management Plan - Written	HU-AgEMP Large, One Enterprise	No	$3,541.68
128	Agricultural Energy Management Plan - Written	AgEMP Large, Three Enterprise	No	$5,697.89
128	Agricultural Energy Management Plan - Written	HU-AgEMP Large, Three Enterprise	No	$6,837.47
128	Agricultural Energy Management Plan - Written	AgEMP Large, Two Enterprises	No	$5,177.09
128	Agricultural Energy Management Plan - Written	HU-AgEMP Large, Two Enterprises	No	$6,212.51
128	Agricultural Energy Management Plan - Written	AgEMP Medium Two Enterprises	No	$3,793.48
128	Agricultural Energy Management Plan - Written	HU-AgEMP Medium Two Enterprises	No	$4,552.18
128	Agricultural Energy Management Plan - Written	AgEMP Medium, One Enterprise	No	$2,246.24
128	Agricultural Energy Management Plan - Written	HU-AgEMP Medium, One Enterprise	No	$2,695.48
128	Agricultural Energy Management Plan - Written	AgEMP Medium, Three Enterprise	No	$4,236.60
128	Agricultural Energy Management Plan - Written	HU-AgEMP Medium, Three Enterprise	No	$5,083.92
128	Agricultural Energy Management Plan - Written	AgEMP Small, Four Enterprises	No	$3,946.59

Code	Practice	Component	Units	Unit Cost
128	Agricultural Energy Management Plan - Written	HU-AgEMP Small, Four Enterprises	No	$4,735.90
128	Agricultural Energy Management Plan - Written	AgEMP Small, One Enterprise	No	$1,803.12
128	Agricultural Energy Management Plan - Written	HU-AgEMP Small, One Enterprise	No	$2,163.74
128	Agricultural Energy Management Plan - Written	AgEMP Small, Three Enterprise	No	$3,241.42
128	Agricultural Energy Management Plan - Written	HU-AgEMP Small, Three Enterprise	No	$3,889.70
128	Agricultural Energy Management Plan - Written	AgEMP Small, Two Enterprise	No	$2,798.30
128	Agricultural Energy Management Plan - Written	HU-AgEMP Small, Two Enterprise	No	$3,357.96
130	Drainage Water Management Plan - Written	DWMP - No Tile Map Available	No	$2,947.95
130	Drainage Water Management Plan - Written	HU-DWMP - No Tile Map Available	No	$3,537.54
130	Drainage Water Management Plan - Written	DWMP - Tile Map Available	No	$2,120.67
130	Drainage Water Management Plan - Written	HU-DWMP - Tile Map Available	No	$2,544.80
136	Agricultural Energy Design Plan - Written	AgEDP High Complexity, 2-3 Designs	No	$5,384.46
136	Agricultural Energy Design Plan - Written	HU-AgEDP High Complexity, 2-3 Designs	No	$6,461.35
136	Agricultural Energy Design Plan - Written	AgEDP High Complexity, 4-5 Designs	No	$6,537.91
136	Agricultural Energy Design Plan - Written	HU-AgEDP High Complexity, 4-5 Designs	No	$7,845.49
136	Agricultural Energy Design Plan - Written	AgEDP High Complexity, 6+ Designs	No	$7,691.36
136	Agricultural Energy Design Plan - Written	HU-AgEDP High Complexity, 6+ Designs	No	$9,229.63
136	Agricultural Energy Design Plan - Written	AgEDP High Complexity, One Design	No	$4,231.01
136	Agricultural Energy Design Plan - Written	HU-AgEDP High Complexity, One Design	No	$5,077.22
136	Agricultural Energy Design Plan - Written	AgEDP Low Complexity, 2-3 Designs	No	$3,242.63
136	Agricultural Energy Design Plan - Written	HU-AgEDP Low Complexity, 2-3 Designs	No	$3,891.15
136	Agricultural Energy Design Plan - Written	AgEDP Low Complexity, 4-5 Designs	No	$4,396.07
136	Agricultural Energy Design Plan - Written	HU-AgEDP Low Complexity, 4-5 Designs	No	$5,275.29
136	Agricultural Energy Design Plan - Written	AgEDP Low Complexity, 6+ Designs	No	$5,549.52
136	Agricultural Energy Design Plan - Written	HU-AgEDP Low Complexity, 6+ Designs	No	$6,659.42
136	Agricultural Energy Design Plan - Written	AgEDP Low Complexity, One Design	No	$2,089.18
136	Agricultural Energy Design Plan - Written	HU-AgEDP Low Complexity, One Design	No	$2,507.01
136	Agricultural Energy Design Plan - Written	AgEDP Medium Complexity, 2-3 Designs	No	$4,313.54
136	Agricultural Energy Design Plan - Written	HU-AgEDP Medium Complexity, 2-3 Designs	No	$5,176.25

Code	Practice	Component	Units	Unit Cost
136	Agricultural Energy Design Plan - Written	AgEDP Medium Complexity, 4-5 Designs	No	$5,466.99
136	Agricultural Energy Design Plan - Written	HU-AgEDP Medium Complexity, 4-5 Designs	No	$6,560.39
136	Agricultural Energy Design Plan - Written	AgEDP Medium Complexity, 6+ Designs	No	$6,620.44
136	Agricultural Energy Design Plan - Written	HU-AgEDP Medium Complexity, 6+ Designs	No	$7,944.53
136	Agricultural Energy Design Plan - Written	AgEDP Medium Complexity, One Design	No	$3,160.10
136	Agricultural Energy Design Plan - Written	HU-AgEDP Medium Complexity, One Design	No	$3,792.11
138	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition CAP Crops and Livestock	No	$4,434.75
138	Conservation Plan Supporting Organic Transition - Written	HU-Conservation Plan Supporting Organic Transition CAP Crops and Livestock	No	$5,321.70
138	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition CAP Crops or Livestock	No	$3,784.32
138	Conservation Plan Supporting Organic Transition - Written	HU-Conservation Plan Supporting Organic Transition CAP Crops or Livestock	No	$4,541.18
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Management CAP (1 Land Use)	No	$2,161.89
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Management CAP (1 Land Use)	No	$2,594.27
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Management CAP (2 Land Uses)	No	$2,642.31
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Management CAP (2 Land Uses)	No	$3,170.77
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Management CAP (Three Land Uses)	No	$3,122.73
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Management CAP (Three Land Uses)	No	$3,747.28
146	Pollinator Habitat Plan - Written	Pollinator Habitat Enhancement Plan CAP	No	$2,522.21
146	Pollinator Habitat Plan - Written	HU-Pollinator Habitat Enhancement Plan CAP	No	$3,026.65
146	Pollinator Habitat Plan - Written	Pollinator Habitat Enhancement Plan CAP - No Local TSP	No	$3,663.20
146	Pollinator Habitat Plan - Written	HU-Pollinator Habitat Enhancement Plan CAP - No Local TSP	No	$4,395.84
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres	No	$3,613.05
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres	No	$4,335.66
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres	No	$2,348.48
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres	No	$2,818.18
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres	No	$1,806.53
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres	No	$2,167.83
313	Waste Storage Facility	Bedded Pack - Concrete Floor and Concrete Walls	SqFt	$8.79
313	Waste Storage Facility	HU-Bedded Pack - Concrete Floor and Concrete Walls	SqFt	$12.17

Code	Practice	Component	Units	Unit Cost
313	Waste Storage Facility	Wp_Bedded Pack - Concrete Floor and Concrete Walls	SqFt	$12.17
313	Waste Storage Facility	Bedded Pack - Earth Floor and Concrete Walls	SqFt	$4.02
313	Waste Storage Facility	HU-Bedded Pack - Earth Floor and Concrete Walls	SqFt	$5.57
313	Waste Storage Facility	Wp_Bedded Pack - Earth Floor and Concrete Walls	SqFt	$5.57
313	Waste Storage Facility	Dry Stack - Concrete floor and concrete walls	SqFt	$7.45
313	Waste Storage Facility	HU-Dry Stack - Concrete floor and concrete walls	SqFt	$10.31
313	Waste Storage Facility	Wp_Dry Stack - Concrete floor and concrete walls	SqFt	$10.31
313	Waste Storage Facility	Embankment Storage Pond	Cu-Ft	$0.06
313	Waste Storage Facility	HU-Embankment Storage Pond	Cu-Ft	$0.08
313	Waste Storage Facility	Wp_Embankment Storage Pond	Cu-Ft	$0.08
313	Waste Storage Facility	Excavated Storage Pond	Cu-Ft	$0.10
313	Waste Storage Facility	HU-Excavated Storage Pond	Cu-Ft	$0.13
313	Waste Storage Facility	Wp_Excavated Storage Pond	Cu-Ft	$0.13
314	Brush Management	Chemical, Uplands	Ac	$14.14
314	Brush Management	HU-Chemical, Uplands	Ac	$20.03
314	Brush Management	Wp_Chemical, Uplands	Ac	$20.03
314	Brush Management	Mechanical and Chemical, Heavy Infestation	Ac	$220.88
314	Brush Management	HU-Mechanical and Chemical, Heavy Infestation	Ac	$312.92
314	Brush Management	Wp_Mechanical and Chemical, Heavy Infestation	Ac	$312.92
314	Brush Management	Mechanical and Chemical, Medium Infestation	Ac	$84.21
314	Brush Management	HU-Mechanical and Chemical, Medium Infestation	Ac	$119.29
314	Brush Management	Wp_Mechanical and Chemical, Medium Infestation	Ac	$119.29
314	Brush Management	Mechanical, Small Shrubs, Medium Infestation	Ac	$46.83
314	Brush Management	HU-Mechanical, Small Shrubs, Medium Infestation	Ac	$66.34
314	Brush Management	Wp_Mechanical, Small Shrubs, Medium Infestation	Ac	$66.34
315	Herbaceous Weed Treatment	Chemical, Ground or Aerial Treatment	Ac	$11.89
315	Herbaceous Weed Treatment	HU-Chemical, Ground or Aerial Treatment	Ac	$16.84
315	Herbaceous Weed Treatment	Wp_Chemical, Ground or Aerial Treatment	Ac	$16.84
315	Herbaceous Weed Treatment	Mechanical	Ac	$9.66

Code	Practice	Component	Units	Unit Cost
315	Herbaceous Weed Treatment	HU-Mechanical	Ac	$13.68
315	Herbaceous Weed Treatment	Wp_Mechanical	Ac	$13.68
316	Animal Mortality Facility	Invessel Rotary Drum, greater than or equal to 700 CF	Cu-Ft	$42.40
316	Animal Mortality Facility	HU-Invessel Rotary Drum, greater than or equal to 700 CF	Cu-Ft	$60.07
316	Animal Mortality Facility	Wp_Invessel Rotary Drum, greater than or equal to 700 CF	Cu-Ft	$60.07
316	Animal Mortality Facility	Invessel Rotary Drum, less than 700 CF	Cu-Ft	$79.01
316	Animal Mortality Facility	HU-Invessel Rotary Drum, less than 700 CF	Cu-Ft	$111.93
316	Animal Mortality Facility	Wp_Invessel Rotary Drum, less than 700 CF	Cu-Ft	$111.93
316	Animal Mortality Facility	Static pile, Concrete Bin(s)	SqFt	$17.41
316	Animal Mortality Facility	HU-Static pile, Concrete Bin(s)	SqFt	$24.66
316	Animal Mortality Facility	Wp_Static pile, Concrete Bin(s)	SqFt	$24.66
316	Animal Mortality Facility	Static pile, Concrete Pad	SqFt	$4.09
316	Animal Mortality Facility	HU-Static pile, Concrete Pad	SqFt	$5.79
316	Animal Mortality Facility	Wp_Static pile, Concrete Pad	SqFt	$5.79
316	Animal Mortality Facility	Static pile, Earthen pad	SqFt	$0.26
316	Animal Mortality Facility	HU-Static pile, Earthen pad	SqFt	$0.37
316	Animal Mortality Facility	Wp_Static pile, Earthen pad	SqFt	$0.37
316	Animal Mortality Facility	Static pile, Wood Bin(s)	SqFt	$11.97
316	Animal Mortality Facility	HU-Static pile, Wood Bin(s)	SqFt	$16.96
316	Animal Mortality Facility	Wp_Static pile, Wood Bin(s)	SqFt	$16.96
317	Composting Facility	Composter, open lot, earth floor	SqFt	$0.24
317	Composting Facility	HU-Composter, open lot, earth floor	SqFt	$0.34
317	Composting Facility	Wp_Composter, open lot, earth floor	SqFt	$0.34
317	Composting Facility	Composter, structure facility with concrete floor and walls	SqFt	$11.10
317	Composting Facility	HU-Composter, structure facility with concrete floor and walls	SqFt	$15.72
317	Composting Facility	Wp_Composter, structure facility with concrete floor and walls	SqFt	$15.72
320	Irrigation Canal or Lateral	Irrigation Canal	CuYd	$1.38
320	Irrigation Canal or Lateral	HU-Irrigation Canal	CuYd	$1.95
325	High Tunnel System	Gothic Style High Tunnel	SqFt	$2.70

Code	Practice	Component	Units	Unit Cost
325	High Tunnel System	HU-Gothic Style High Tunnel	SqFt	$3.82
325	High Tunnel System	Quonset Style High Tunnel	SqFt	$2.20
325	High Tunnel System	HU-Quonset Style High Tunnel	SqFt	$3.11
327	Conservation Cover	Conservation Cover for Water Quality and Wildlife, Foregone Income - Level 1 (Year 1)	Ac	$148.85
327	Conservation Cover	HU-Conservation Cover for Water Quality and Wildlife, Foregone Income - Level 1 (Year 1)	Ac	$210.87
327	Conservation Cover	Introduced Species	Ac	$90.15
327	Conservation Cover	HU-Introduced Species	Ac	$127.71
327	Conservation Cover	Wp_Introduced Species	Ac	$127.71
327	Conservation Cover	Introduced with Forgone Income	Ac	$268.30
327	Conservation Cover	HU-Introduced with Forgone Income	Ac	$299.39
327	Conservation Cover	Wp_Introduced with Forgone Income	Ac	$299.39
327	Conservation Cover	Native Species	Ac	$122.32
327	Conservation Cover	HU-Native Species	Ac	$173.29
327	Conservation Cover	Wp_Native Species	Ac	$173.29
327	Conservation Cover	Native Species with Forgone Income	Ac	$316.01
327	Conservation Cover	HU-Native Species with Forgone Income	Ac	$366.98
327	Conservation Cover	Wp_Native Species with Forgone Income	Ac	$366.98
327	Conservation Cover	Pollinator Species	Ac	$143.55
327	Conservation Cover	HU-Pollinator Species	Ac	$322.98
327	Conservation Cover	Wp_Pollinator Species	Ac	$322.98
327	Conservation Cover	Pollinator Species with Forgone Income	Ac	$223.50
327	Conservation Cover	HU-Pollinator Species with Forgone Income	Ac	$409.76
327	Conservation Cover	Wp_Pollinator Species with Forgone Income	Ac	$409.76
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	$7.80
328	Conservation Crop Rotation	HU-Basic Rotation Organic and Non-Organic	Ac	$11.06
328	Conservation Crop Rotation	Wp_Basic Rotation Organic and Non-Organic	Ac	$11.06
329	Residue and Tillage Management, No Till	No-Till/Strip-Till with Herbicide and No Cover Crop	Ac	$20.99
329	Residue and Tillage Management, No Till	HU-No-Till/Strip-Till with Herbicide and No Cover Crop	Ac	$29.73
329	Residue and Tillage Management, No Till	Wp_No-Till/Strip-Till with Herbicide and No Cover Crop	Ac	$29.73

Code	Practice	Component	Units	Unit Cost
338	Prescribed Burning	Herbaceous Fuel - Standard	Ac	$5.40
338	Prescribed Burning	HU-Herbaceous Fuel - Standard	Ac	$7.64
338	Prescribed Burning	Wp_Herbaceous Fuel - Standard	Ac	$7.64
338	Prescribed Burning	Herbaceous Fuel, Small Acreage	Ac	$14.69
338	Prescribed Burning	HU-Herbaceous Fuel, Small Acreage	Ac	$20.80
338	Prescribed Burning	Wp_Herbaceous Fuel, Small Acreage	Ac	$20.80
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	$41.25
340	Cover Crop	HU-Cover Crop - Basic (Organic and Non-organic)	Ac	$58.43
340	Cover Crop	Wp_Cover Crop - Basic (Organic and Non-organic)	Ac	$58.43
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$50.47
340	Cover Crop	HU-Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$71.50
340	Cover Crop	Wp_Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$71.50
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	$600.43
342	Critical Area Planting	HU-Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	$850.60
342	Critical Area Planting	Wp_Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	$850.60
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	$369.22
342	Critical Area Planting	HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	$523.07
342	Critical Area Planting	Wp_Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	$523.07
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	$161.96
342	Critical Area Planting	HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	$229.44
342	Critical Area Planting	Wp_Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	$229.44
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	Ac	$11.33
345	Residue and Tillage Management, Reduced Till	HU-Residue and Tillage Management, Reduced Till	Ac	$16.05
345	Residue and Tillage Management, Reduced Till	Wp_Residue and Tillage Management, Reduced Till	Ac	$16.05
348	Dam, Diversion	Earthfill	CuYd	$2.29
348	Dam, Diversion	HU-Earthfill	CuYd	$3.24
350	Sediment Basin	Embankment Basin	CuYd	$2.28
350	Sediment Basin	HU-Embankment Basin	CuYd	$3.22
350	Sediment Basin	Wp_Embankment Basin	CuYd	$3.22

Code	Practice	Component	Units	Unit Cost
350	Sediment Basin	Excavated Basin	CuYd	$2.75
350	Sediment Basin	HU-Excavated Basin	CuYd	$3.89
350	Sediment Basin	Wp_Excavated Basin	CuYd	$3.89
351	Well Decommissioning	Drilled, between 300 and 1,000 feet	Ft	$11.33
351	Well Decommissioning	HU-Drilled, between 300 and 1,000 feet	Ft	$16.05
351	Well Decommissioning	Wp_Drilled, between 300 and 1,000 feet	Ft	$16.05
351	Well Decommissioning	Drilled, greater than 1,000 feet	Ft	$6.47
351	Well Decommissioning	HU-Drilled, greater than 1,000 feet	Ft	$9.17
351	Well Decommissioning	Wp_Drilled, greater than 1,000 feet	Ft	$9.17
351	Well Decommissioning	Drilled, less than 300 feet	Ft	$12.44
351	Well Decommissioning	HU-Drilled, less than 300 feet	Ft	$17.63
351	Well Decommissioning	Wp_Drilled, less than 300 feet	Ft	$17.63
351	Well Decommissioning	Shallow, Greater than 15 in. dia.	Ft	$20.62
351	Well Decommissioning	HU-Shallow, Greater than 15 in. dia.	Ft	$29.20
351	Well Decommissioning	Wp_Shallow, Greater than 15 in. dia.	Ft	$29.20
351	Well Decommissioning	Shallow, less than 15 in. dia.	Ft	$4.53
351	Well Decommissioning	HU-Shallow, less than 15 in. dia.	Ft	$6.41
351	Well Decommissioning	Wp_Shallow, less than 15 in. dia.	Ft	$6.41
356	Dike	Protective dike 6 feet high or less	Ft	$19.28
356	Dike	HU-Protective dike 6 feet high or less	Ft	$27.31
356	Dike	Wp_Protective dike 6 feet high or less	Ft	$27.31
356	Dike	Wetland Dike	CuYd	$3.09
356	Dike	HU-Wetland Dike	CuYd	$4.37
356	Dike	Wp_Wetland Dike	CuYd	$4.37
360	Waste Facility Closure	Decommissioning of Concrete Waste Storage Structure	Cu-Ft	$0.12
360	Waste Facility Closure	HU-Decommissioning of Concrete Waste Storage Structure	Cu-Ft	$0.17
360	Waste Facility Closure	Wp_Decommissioning of Concrete Waste Storage Structure	Cu-Ft	$0.17
360	Waste Facility Closure	Earthen Waste Impoundment Closure	Cu-Ft	$0.06
360	Waste Facility Closure	HU-Earthen Waste Impoundment Closure	Cu-Ft	$0.09

Code	Practice	Component	Units	Unit Cost
360	Waste Facility Closure	Wp_Earthen Waste Impoundment Closure	Cu-Ft	$0.09
360	Waste Facility Closure	Feedlot Closure	Ac	$8,119.65
360	Waste Facility Closure	HU-Feedlot Closure	Ac	$11,502.83
360	Waste Facility Closure	Wp_Feedlot Closure	Ac	$11,502.83
362	Diversion	Diversion	CuYd	$2.45
362	Diversion	HU-Diversion	CuYd	$3.47
362	Diversion	Wp_Diversion	CuYd	$3.47
366	Anaerobic Digester	Anaerobic Digester	No	$750,611.40
366	Anaerobic Digester	HU-Anaerobic Digester	No	$1,063,366.15
366	Anaerobic Digester	Wp_Anaerobic Digester	No	$1,063,366.15
366	Anaerobic Digester	Covered Lagoon/Holding Pond	AU	$172.71
366	Anaerobic Digester	HU-Covered Lagoon/Holding Pond	AU	$244.67
366	Anaerobic Digester	Wp_Covered Lagoon/Holding Pond	AU	$244.67
368	Emergency Animal Mortality Management	Burial	AU	$59.27
368	Emergency Animal Mortality Management	HU-Burial	AU	$83.96
368	Emergency Animal Mortality Management	Burial of Cattle or Horses	No	$240.24
368	Emergency Animal Mortality Management	HU-Burial of Cattle or Horses	No	$340.34
368	Emergency Animal Mortality Management	Burial of Goat or Sheep	No	$82.66
368	Emergency Animal Mortality Management	HU-Burial of Goat or Sheep	No	$117.10
368	Emergency Animal Mortality Management	Burial of Swine	No	$103.36
368	Emergency Animal Mortality Management	HU-Burial of Swine	No	$146.42
368	Emergency Animal Mortality Management	Cattle or Horse Disposal Other Than Burial	No	$241.09
368	Emergency Animal Mortality Management	HU-Cattle or Horse Disposal Other Than Burial	No	$341.54
368	Emergency Animal Mortality Management	COVID-19 Burial	AU	$74.47
368	Emergency Animal Mortality Management	HU-COVID-19 Burial	AU	$89.36
368	Emergency Animal Mortality Management	COVID-19 Carcass Disposal Other Than Burial, Incineration, Landfill or Render	AU	$109.62
368	Emergency Animal Mortality Management	HU-COVID-19 Carcass Disposal Other Than Burial, Incineration, Landfill or Render	AU	$187.93
368	Emergency Animal Mortality Management	COVID-19 Composting-Purchase Carbon Material and Mobilize Equipment	AU	$161.59
368	Emergency Animal Mortality Management	Hu-COVID-19 Composting-Purchase Carbon Material and Mobilize Equipment	AU	$277.01

Code	Practice	Component	Units	Unit Cost
368	Emergency Animal Mortality Management	COVID-19 Disposal at Landfill or Render	lb	$0.06
368	Emergency Animal Mortality Management	HU-COVID-19 Disposal at Landfill or Render	lb	$0.07
368	Emergency Animal Mortality Management	COVID-19 Forced Air Incineration	AU	$209.85
368	Emergency Animal Mortality Management	HU-COVID-19 Forced Air Incineration	AU	$251.82
368	Emergency Animal Mortality Management	COVID-19 In-House Composting	AU	$78.57
368	Emergency Animal Mortality Management	HU-COVID-19 In-House Composting	AU	$94.28
368	Emergency Animal Mortality Management	COVID-19 Shallow Burial Hooved Animals	AU	$130.82
368	Emergency Animal Mortality Management	HU-COVID-19 Shallow Burial Hooved Animals	AU	$156.98
368	Emergency Animal Mortality Management	Disposal At Landfill or Render	Lb	$0.04
368	Emergency Animal Mortality Management	HU-Disposal At Landfill or Render	Lb	$0.06
368	Emergency Animal Mortality Management	Disposal of Goats or Sheep Other Than Burial	No	$75.57
368	Emergency Animal Mortality Management	HU-Disposal of Goats or Sheep Other Than Burial	No	$107.06
368	Emergency Animal Mortality Management	Forced Air Incineration	AU	$171.24
368	Emergency Animal Mortality Management	HU-Forced Air Incineration	AU	$242.59
368	Emergency Animal Mortality Management	In-House Composting	AU	$61.85
368	Emergency Animal Mortality Management	HU-In-House Composting	AU	$87.62
368	Emergency Animal Mortality Management	Outside Windrow Composting	AU	$458.59
368	Emergency Animal Mortality Management	HU-Outside Windrow Composting	AU	$649.67
368	Emergency Animal Mortality Management	Swine Disposal Other Than Burial	No	$93.44
368	Emergency Animal Mortality Management	HU-Swine Disposal Other Than Burial	No	$132.38
371	Air Filtration and Scrubbing	Biofilter-Traditional Horizontal	CuYd	$21.10
371	Air Filtration and Scrubbing	HU-Biofilter-Traditional Horizontal	CuYd	$29.90
374	Farmstead Energy Improvement	Automatic Controller System	No	$1,175.55
374	Farmstead Energy Improvement	HU-Automatic Controller System	No	$1,665.37
374	Farmstead Energy Improvement	Heating - Attic Heat Recovery vents	No	$121.84
374	Farmstead Energy Improvement	HU-Heating - Attic Heat Recovery vents	No	$172.60
374	Farmstead Energy Improvement	Heating - Radiant Systems	No	$922.59
374	Farmstead Energy Improvement	HU-Heating - Radiant Systems	No	$1,307.01
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	$10.31

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	HU-Heating (Building)	kBTU/Hr	$14.60
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	HP	$90.24
374	Farmstead Energy Improvement	HU-Motor Upgrade > 1 and < 10 HP	HP	$127.84
374	Farmstead Energy Improvement	Motor Upgrade > 100 HP	HP	$62.26
374	Farmstead Energy Improvement	HU-Motor Upgrade > 100 HP	HP	$88.20
374	Farmstead Energy Improvement	Plate Cooler	No	$14,835.24
374	Farmstead Energy Improvement	HU-Plate Cooler	No	$21,016.59
374	Farmstead Energy Improvement	Scroll Compressor	HP	$347.70
374	Farmstead Energy Improvement	HU-Scroll Compressor	HP	$492.58
374	Farmstead Energy Improvement	Variable Speed Drive > 15 HP	HP	$65.79
374	Farmstead Energy Improvement	HU-Variable Speed Drive > 15 HP	HP	$93.21
374	Farmstead Energy Improvement	Ventilation - Exhaust	No	$947.07
374	Farmstead Energy Improvement	HU-Ventilation - Exhaust	No	$1,341.68
374	Farmstead Energy Improvement	Ventilation - HAF	No	$143.65
374	Farmstead Energy Improvement	HU-Ventilation - HAF	No	$203.51
378	Pond	Embankment Pond with greater than or equal to 24 inch Pipe	CuYd	$3.45
378	Pond	HU-Embankment Pond with greater than or equal to 24 inch Pipe	CuYd	$4.89
378	Pond	Wp_Embankment Pond with greater than or equal to 24 inch Pipe	CuYd	$4.89
378	Pond	Excavated Pond	CuYd	$1.58
378	Pond	HU-Excavated Pond	CuYd	$2.24
378	Pond	Wp_Excavated Pond	CuYd	$2.24
378	Pond	Rehab Embankment Pond, With Principal Spillway	DiaInFt	$8.06
378	Pond	HU-Rehab Embankment Pond, With Principal Spillway	DiaInFt	$11.41
378	Pond	Wp_Rehab Embankment Pond, With Principal Spillway	DiaInFt	$11.41
380	Windbreak/Shelterbelt Establishment	Hand Planted, Bare Root	No	$1.65
380	Windbreak/Shelterbelt Establishment	HU-Hand Planted, Bare Root	No	$1.97
380	Windbreak/Shelterbelt Establishment	Wp_Hand Planted, Bare Root	No	$1.97
380	Windbreak/Shelterbelt Establishment	Trees, machine planted	Ft	$0.23
380	Windbreak/Shelterbelt Establishment	HU-Trees, machine planted	Ft	$0.27

Code	Practice	Component	Units	Unit Cost
380	Windbreak/Shelterbelt Establishment	Wp_Trees, machine planted	Ft	$0.27
380	Windbreak/Shelterbelt Establishment	Trees, machine planted, weed barrier	Ft	$0.70
380	Windbreak/Shelterbelt Establishment	HU-Trees, machine planted, weed barrier	Ft	$0.83
380	Windbreak/Shelterbelt Establishment	Wp_Trees, machine planted, weed barrier	Ft	$0.83
382	Fence	Barbed Wire, Multi-strand	Ft	$1.76
382	Fence	HU-Barbed Wire, Multi-strand	Ft	$2.11
382	Fence	Wp_Barbed Wire, Multi-strand	Ft	$2.11
382	Fence	Confinement	Ft	$3.94
382	Fence	HU-Confinement	Ft	$4.73
382	Fence	Wp_Confinement	Ft	$4.73
382	Fence	Electric, high tensile with energizer	Ft	$0.86
382	Fence	HU-Electric, high tensile with energizer	Ft	$1.03
382	Fence	Wp_Electric, high tensile with energizer	Ft	$1.03
384	Woody Residue Treatment	Chipping and hauling off-site	Ac	$188.59
384	Woody Residue Treatment	HU-Chipping and hauling off-site	Ac	$267.17
384	Woody Residue Treatment	Forest Slash Treatment - Med/Heavy	Ac	$126.42
384	Woody Residue Treatment	HU-Forest Slash Treatment - Med/Heavy	Ac	$179.09
384	Woody Residue Treatment	Orchard/Vineyard prunings/removals	Ac	$158.51
384	Woody Residue Treatment	HU-Orchard/Vineyard prunings/removals	Ac	$224.56
386	Field Border	Field Border, Introduced Species	Ac	$49.85
386	Field Border	HU-Field Border, Introduced Species	Ac	$70.61
386	Field Border	Wp_Field Border, Introduced Species	Ac	$70.61
386	Field Border	Field Border, Introduced Species, Forgone Income	Ac	$166.06
386	Field Border	HU-Field Border, Introduced Species, Forgone Income	Ac	$235.25
386	Field Border	Wp_Field Border, Introduced Species, Forgone Income	Ac	$235.25
386	Field Border	Field Border, Native Species	Ac	$98.19
386	Field Border	HU-Field Border, Native Species	Ac	$139.10
386	Field Border	Wp_Field Border, Native Species	Ac	$139.10
386	Field Border	Field Border, Native Species, Forgone Income	Ac	$214.40

Code	Practice	Component	Units	Unit Cost
386	Field Border	HU-Field Border, Native Species, Forgone Income	Ac	$303.74
386	Field Border	Wp_Field Border, Native Species, Forgone Income	Ac	$303.74
388	Irrigation Field Ditch	Irrigation Field Ditch	CuYd	$1.65
388	Irrigation Field Ditch	HU-Irrigation Field Ditch	CuYd	$2.34
390	Riparian Herbaceous Cover	Native Species with foregone income	Ac	$104.17
390	Riparian Herbaceous Cover	HU-Native Species with foregone income	Ac	$147.57
390	Riparian Herbaceous Cover	Pr_Native Species with foregone income	Ac	$147.57
390	Riparian Herbaceous Cover	Wp_Native Species with foregone income	Ac	$147.57
390	Riparian Herbaceous Cover	Native Species, Pollinator Planting, Forgone Income	Ac	$147.48
390	Riparian Herbaceous Cover	HU-Native Species, Pollinator Planting, Forgone Income	Ac	$208.92
390	Riparian Herbaceous Cover	Pr_Native Species, Pollinator Planting, Forgone Income	Ac	$208.92
390	Riparian Herbaceous Cover	Wp_Native Species, Pollinator Planting, Forgone Income	Ac	$208.92
391	Riparian Forest Buffer	Bare-root, machine planted	Ac	$1,301.22
391	Riparian Forest Buffer	HU-Bare-root, machine planted	Ac	$1,561.47
391	Riparian Forest Buffer	Wp_Bare-root, machine planted	Ac	$1,561.47
391	Riparian Forest Buffer	Bare-root, machine planted (FI)	Ac	$1,126.04
391	Riparian Forest Buffer	HU-Bare-root, machine planted (FI)	Ac	$1,373.63
391	Riparian Forest Buffer	Wp_Bare-root, machine planted (FI)	Ac	$1,373.63
393	Filter Strip	Filter Strip, Introduced species	Ac	$125.87
393	Filter Strip	HU-Filter Strip, Introduced species	Ac	$151.05
393	Filter Strip	Pr_Filter Strip, Introduced species	Ac	$151.05
393	Filter Strip	Wp_Filter Strip, Introduced species	Ac	$151.05
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	Ac	$271.14
393	Filter Strip	HU-Filter Strip, Introduced species, Forgone Income	Ac	$344.74
393	Filter Strip	Pr_Filter Strip, Introduced species, Forgone Income	Ac	$344.74
393	Filter Strip	Wp_Filter Strip, Introduced species, Forgone Income	Ac	$344.74
393	Filter Strip	Filter Strip, Native species	Ac	$181.91
393	Filter Strip	HU-Filter Strip, Native species	Ac	$218.29
393	Filter Strip	Pr_Filter Strip, Native species	Ac	$218.29

Code	Practice	Component	Units	Unit Cost
393	Filter Strip	Wp_Filter Strip, Native species	Ac	$218.29
393	Filter Strip	Filter Strip, Native species, Forgone Income	Ac	$327.17
393	Filter Strip	HU-Filter Strip, Native species, Forgone Income	Ac	$411.98
393	Filter Strip	Pr_Filter Strip, Native species, Forgone Income	Ac	$411.98
393	Filter Strip	Wp_Filter Strip, Native species, Forgone Income	Ac	$411.98
394	Firebreak	Constructed, Tillage	Ft	$0.06
394	Firebreak	HU-Constructed, Tillage	Ft	$0.09
394	Firebreak	Mowing	100 Ft	$2.53
394	Firebreak	HU-Mowing	100 Ft	$3.59
394	Firebreak	Vegetated, permanent, grass	Ft	$0.06
394	Firebreak	HU-Vegetated, permanent, grass	Ft	$0.08
396	Aquatic Organism Passage	Stationary Screen	cfs	$2,182.92
396	Aquatic Organism Passage	HU-Stationary Screen	cfs	$3,092.47
402	Dam	pipe principal spillway	CuYd	$4.19
402	Dam	HU-pipe principal spillway	CuYd	$5.93
402	Dam	Wp_pipe principal spillway	CuYd	$5.93
410	Grade Stabilization Structure	Drop Structure, Metal	SqFt	$29.56
410	Grade Stabilization Structure	HU-Drop Structure, Metal	SqFt	$41.88
410	Grade Stabilization Structure	Wp_Drop Structure, Metal	SqFt	$41.88
410	Grade Stabilization Structure	Embankment, Pipe <24 inch	CuYd	$3.85
410	Grade Stabilization Structure	HU-Embankment, Pipe <24 inch	CuYd	$5.45
410	Grade Stabilization Structure	Wp_Embankment, Pipe <24 inch	CuYd	$5.45
410	Grade Stabilization Structure	Modular Concrete Block Drop	CuYd	$123.82
410	Grade Stabilization Structure	HU-Modular Concrete Block Drop	CuYd	$175.41
410	Grade Stabilization Structure	Wp_Modular Concrete Block Drop	CuYd	$175.41
410	Grade Stabilization Structure	Pipe Drop, CMP	SqFt	$14.00
410	Grade Stabilization Structure	HU-Pipe Drop, CMP	SqFt	$19.84
410	Grade Stabilization Structure	Wp_Pipe Drop, CMP	SqFt	$19.84
410	Grade Stabilization Structure	Pipe Drop, Plastic	SqFt	$35.58

Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	HU-Pipe Drop, Plastic	SqFt	$50.40
410	Grade Stabilization Structure	Wp_Pipe Drop, Plastic	SqFt	$50.40
410	Grade Stabilization Structure	Rehab Embankment Pond, With Principal Spillway	DiaInFt	$8.06
410	Grade Stabilization Structure	HU-Rehab Embankment Pond, With Principal Spillway	DiaInFt	$11.41
410	Grade Stabilization Structure	Wp_Rehab Embankment Pond, With Principal Spillway	DiaInFt	$11.41
410	Grade Stabilization Structure	Rock Chute	CuYd	$42.18
410	Grade Stabilization Structure	HU-Rock Chute	CuYd	$59.76
410	Grade Stabilization Structure	Wp_Rock Chute	CuYd	$59.76
410	Grade Stabilization Structure	Sheet Pile Weir Drop	SqFt	$37.18
410	Grade Stabilization Structure	HU-Sheet Pile Weir Drop	SqFt	$52.67
410	Grade Stabilization Structure	Wp_Sheet Pile Weir Drop	SqFt	$52.67
410	Grade Stabilization Structure	Tied Concrete Block Mat	SqFt	$5.05
410	Grade Stabilization Structure	HU-Tied Concrete Block Mat	SqFt	$7.15
410	Grade Stabilization Structure	Wp_Tied Concrete Block Mat	SqFt	$7.15
412	Grassed Waterway	Waterway with Side Dikes or Checks	Ac	$4,320.66
412	Grassed Waterway	HU-Waterway with Side Dikes or Checks	Ac	$6,120.94
412	Grassed Waterway	Wp_Waterway with Side Dikes or Checks	Ac	$6,120.94
412	Grassed Waterway	Waterway, high excavation volume per acre	CuYd	$2.41
412	Grassed Waterway	HU-Waterway, high excavation volume per acre	CuYd	$3.41
412	Grassed Waterway	Wp_Waterway, high excavation volume per acre	CuYd	$3.41
428	Irrigation Ditch Lining	Concrete Lining	SqYd	$11.15
428	Irrigation Ditch Lining	HU-Concrete Lining	SqYd	$15.80
428	Irrigation Ditch Lining	Flexible Lining	SqYd	$5.07
428	Irrigation Ditch Lining	HU-Flexible Lining	SqYd	$7.19
430	Irrigation Pipeline	HDPE, by the pound	Lb	$2.03
430	Irrigation Pipeline	HU-HDPE, by the pound	Lb	$2.88
430	Irrigation Pipeline	Wp_HDPE, by the pound	Lb	$2.88
430	Irrigation Pipeline	PVC, by pound, boring	Lb	$4.31
430	Irrigation Pipeline	HU-PVC, by pound, boring	Lb	$6.10

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	Wp_PVC, by pound, boring	Lb	$6.10
430	Irrigation Pipeline	PVC, by the pound	Lb	$2.55
430	Irrigation Pipeline	HU-PVC, by the pound	Lb	$3.61
430	Irrigation Pipeline	Wp_PVC, by the pound	Lb	$3.61
436	Irrigation Reservoir	Embankment Dam	CuYd	$3.39
436	Irrigation Reservoir	HU-Embankment Dam	CuYd	$4.81
436	Irrigation Reservoir	Wp_Embankment Dam	CuYd	$4.81
436	Irrigation Reservoir	Embankment Reservoir > 30 Acre-Feet	CuYd	$2.77
436	Irrigation Reservoir	HU-Embankment Reservoir > 30 Acre-Feet	CuYd	$3.92
436	Irrigation Reservoir	Wp_Embankment Reservoir > 30 Acre-Feet	CuYd	$3.92
436	Irrigation Reservoir	Excavated Tailwater Pit	CuYd	$1.35
436	Irrigation Reservoir	HU-Excavated Tailwater Pit	CuYd	$1.91
436	Irrigation Reservoir	Wp_Excavated Tailwater Pit	CuYd	$1.91
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	Ac	$1,281.44
441	Irrigation System, Microirrigation	HU-SDI (Subsurface Drip Irrigation)	Ac	$1,815.38
441	Irrigation System, Microirrigation	Wp_SDI (Subsurface Drip Irrigation)	Ac	$1,815.38
441	Irrigation System, Microirrigation	Surface PE, with emitters, high tunnel	SqFt	$0.45
441	Irrigation System, Microirrigation	HU-Surface PE, with emitters, high tunnel	SqFt	$0.63
441	Irrigation System, Microirrigation	Wp_Surface PE, with emitters, high tunnel	SqFt	$0.63
441	Irrigation System, Microirrigation	Surface PE, with emitters, trees and shrubs	No	$2.12
441	Irrigation System, Microirrigation	HU-Surface PE, with emitters, trees and shrubs	No	$3.00
441	Irrigation System, Microirrigation	Wp_Surface PE, with emitters, trees and shrubs	No	$3.00
441	Irrigation System, Microirrigation	Surface Tape <5 acres	Ac	$2,319.07
441	Irrigation System, Microirrigation	HU-Surface Tape <5 acres	Ac	$3,285.35
441	Irrigation System, Microirrigation	Wp_Surface Tape <5 acres	Ac	$3,285.35
442	Sprinkler System	Gravity to Pivot Conversion	Ft	$37.95
442	Sprinkler System	HU-Gravity to Pivot Conversion	Ft	$53.76
442	Sprinkler System	Wp_Gravity to Pivot Conversion	Ft	$53.76
442	Sprinkler System	Gravity to Pivot Conversion with VRI	Ft	$57.94

Code	Practice	Component	Units	Unit Cost
442	Sprinkler System	HU-Gravity to Pivot Conversion with VRI	Ft	$82.08
442	Sprinkler System	Wp_Gravity to Pivot Conversion with VRI	Ft	$82.08
442	Sprinkler System	Linear Move System	Ft	$67.67
442	Sprinkler System	HU-Linear Move System	Ft	$95.86
442	Sprinkler System	Wp_Linear Move System	Ft	$95.86
442	Sprinkler System	System Renovation, Renozzle with Drops	No	$20.15
442	Sprinkler System	HU-System Renovation, Renozzle with Drops	No	$28.55
442	Sprinkler System	Wp_System Renovation, Renozzle with Drops	No	$28.55
442	Sprinkler System	VRI System Retrofit Zone	Ft	$21.52
442	Sprinkler System	HU-VRI System Retrofit Zone	Ft	$30.48
442	Sprinkler System	Wp_VRI System Retrofit Zone	Ft	$30.48
443	Irrigation System, Surface and Subsurface	Aluminum Gated Pipe	Ac	$111.67
443	Irrigation System, Surface and Subsurface	HU-Aluminum Gated Pipe	Ac	$158.20
443	Irrigation System, Surface and Subsurface	Wp_Aluminum Gated Pipe	Ac	$158.20
443	Irrigation System, Surface and Subsurface	Polyvinyl Chloride (PVC) Gated Pipe	Ac	$78.16
443	Irrigation System, Surface and Subsurface	HU-Polyvinyl Chloride (PVC) Gated Pipe	Ac	$110.73
443	Irrigation System, Surface and Subsurface	Wp_Polyvinyl Chloride (PVC) Gated Pipe	Ac	$110.73
443	Irrigation System, Surface and Subsurface	Surge Valve & Controller	No	$1,543.08
443	Irrigation System, Surface and Subsurface	HU-Surge Valve & Controller	No	$2,186.03
443	Irrigation System, Surface and Subsurface	Wp_Surge Valve & Controller	No	$2,186.03
449	Irrigation Water Management	Consulatant Based IWM No Equipment	No	$416.26
449	Irrigation Water Management	HU-Consulatant Based IWM No Equipment	No	$589.70
449	Irrigation Water Management	Pr_Consulatant Based IWM No Equipment	No	$624.38
449	Irrigation Water Management	Wp_Consulatant Based IWM No Equipment	No	$624.38
449	Irrigation Water Management	Consultant Based IWM Equipment Installed	No	$1,583.42
449	Irrigation Water Management	HU-Consultant Based IWM Equipment Installed	No	$2,243.18
449	Irrigation Water Management	Pr_Consultant Based IWM Equipment Installed	No	$2,375.14
449	Irrigation Water Management	Wp_Consultant Based IWM Equipment Installed	No	$2,375.14
449	Irrigation Water Management	IWM, Advanced Technique	No	$1,723.58

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	HU-IWM, Advanced Technique	No	$2,441.74
449	Irrigation Water Management	Pr_IWM, Advanced Technique	No	$2,441.74
449	Irrigation Water Management	Wp_IWM, Advanced Technique	No	$2,441.74
449	Irrigation Water Management	IWM, Basic Technique	Ac	$3.56
449	Irrigation Water Management	HU-IWM, Basic Technique	Ac	$5.05
449	Irrigation Water Management	Pr_IWM, Basic Technique	Ac	$5.05
449	Irrigation Water Management	Wp_IWM, Basic Technique	Ac	$5.05
449	Irrigation Water Management	IWM, Intermediate Technique, 1st year	No	$977.12
449	Irrigation Water Management	HU-IWM, Intermediate Technique, 1st year	No	$1,384.26
449	Irrigation Water Management	Pr_IWM, Intermediate Technique, 1st year	No	$1,384.26
449	Irrigation Water Management	Wp_IWM, Intermediate Technique, 1st year	No	$1,384.26
449	Irrigation Water Management	IWM, Intermediate Technique, Subsequent Years	Ac	$3.76
449	Irrigation Water Management	HU-IWM, Intermediate Technique, Subsequent Years	Ac	$5.32
449	Irrigation Water Management	Pr_IWM, Intermediate Technique, Subsequent Years	Ac	$5.32
449	Irrigation Water Management	Wp_IWM, Intermediate Technique, Subsequent Years	Ac	$5.32
449	Irrigation Water Management	Small Scale Irrigation	No	$481.75
449	Irrigation Water Management	HU-Small Scale Irrigation	No	$682.48
449	Irrigation Water Management	Pr_Small Scale Irrigation	No	$682.48
449	Irrigation Water Management	Wp_Small Scale Irrigation	No	$682.48
462	Precision Land Forming	Site Stabilization	CuYd	$2.02
462	Precision Land Forming	HU-Site Stabilization	CuYd	$2.86
462	Precision Land Forming	Wp_Site Stabilization	CuYd	$2.86
464	Irrigation Land Leveling	Land Leveling	CuYd	$2.06
464	Irrigation Land Leveling	HU-Land Leveling	CuYd	$2.92
466	Land Smoothing	Field Shaping	Ft	$0.30
466	Land Smoothing	HU-Field Shaping	Ft	$0.42
466	Land Smoothing	Minor Shaping	Ac	$220.60
466	Land Smoothing	HU-Minor Shaping	Ac	$312.52
468	Lined Waterway or Outlet	Articulated Concrete Block	SqFt	$5.82

Code	Practice	Component	Units	Unit Cost
468	Lined Waterway or Outlet	HU-Articulated Concrete Block	SqFt	$8.24
468	Lined Waterway or Outlet	Wp_Articulated Concrete Block	SqFt	$8.24
468	Lined Waterway or Outlet	Concrete	SqFt	$4.53
468	Lined Waterway or Outlet	HU-Concrete	SqFt	$6.41
468	Lined Waterway or Outlet	Wp_Concrete	SqFt	$6.41
468	Lined Waterway or Outlet	Rock Lined, 12 in	SqFt	$1.90
468	Lined Waterway or Outlet	HU-Rock Lined, 12 in	SqFt	$2.69
468	Lined Waterway or Outlet	Wp_Rock Lined, 12 in	SqFt	$2.69
468	Lined Waterway or Outlet	Rock Lined, 24 in	SqFt	$4.21
468	Lined Waterway or Outlet	HU-Rock Lined, 24 in	SqFt	$5.96
468	Lined Waterway or Outlet	Wp_Rock Lined, 24 in	SqFt	$5.96
468	Lined Waterway or Outlet	Splash Pad	SqFt	$4.18
468	Lined Waterway or Outlet	HU-Splash Pad	SqFt	$5.92
468	Lined Waterway or Outlet	Wp_Splash Pad	SqFt	$5.92
468	Lined Waterway or Outlet	Turf Reinforced Matting, High Stress	SqFt	$1.24
468	Lined Waterway or Outlet	HU-Turf Reinforced Matting, High Stress	SqFt	$1.76
468	Lined Waterway or Outlet	Wp_Turf Reinforced Matting, High Stress	SqFt	$1.76
468	Lined Waterway or Outlet	Turf Reinforced Matting, Moderate Stress	SqFt	$1.50
468	Lined Waterway or Outlet	HU-Turf Reinforced Matting, Moderate Stress	SqFt	$2.13
468	Lined Waterway or Outlet	Wp_Turf Reinforced Matting, Moderate Stress	SqFt	$2.13
472	Access Control	Animal exclusion from sensitive areas (FI)	Ac	$13.33
472	Access Control	HU-Animal exclusion from sensitive areas (FI)	Ac	$18.88
472	Access Control	Wp_Animal exclusion from sensitive areas (FI)	Ac	$18.88
484	Mulching	Erosion Control Blanket	SqFt	$0.14
484	Mulching	HU-Erosion Control Blanket	SqFt	$0.19
484	Mulching	Wp_Erosion Control Blanket	SqFt	$0.19
484	Mulching	Natural Materials - Large Area	Ac	$153.69
484	Mulching	HU-Natural Materials - Large Area	Ac	$217.73
484	Mulching	Wp_Natural Materials - Large Area	Ac	$217.73

Code	Practice	Component	Units	Unit Cost
490	Tree/Shrub Site Preparation	Windbreak, chemical and mechanical	Ac	$116.75
490	Tree/Shrub Site Preparation	HU-Windbreak, chemical and mechanical	Ac	$189.72
500	Obstruction Removal	Removal and Disposal of Brush and Trees <= 6 inch Diameter	Ac	$656.03
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees <= 6 inch Diameter	Ac	$929.38
500	Obstruction Removal	Removal and Disposal of Brush and Trees > 6 inch Diameter	Ac	$1,303.47
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees > 6 inch Diameter	Ac	$1,846.59
500	Obstruction Removal	Removal and Disposal of Fence, Feedlot	Ft	$2.27
500	Obstruction Removal	HU-Removal and Disposal of Fence, Feedlot	Ft	$3.21
500	Obstruction Removal	Removal and Disposal of Fence, landscape	Ft	$0.71
500	Obstruction Removal	HU-Removal and Disposal of Fence, landscape	Ft	$1.00
500	Obstruction Removal	Removal and disposal of individual landscape structures	SqFt	$3.62
500	Obstruction Removal	HU-Removal and disposal of individual landscape structures	SqFt	$5.13
500	Obstruction Removal	Removal and Disposal of Power Lines and Poles	Ft	$2.01
500	Obstruction Removal	HU-Removal and Disposal of Power Lines and Poles	Ft	$2.85
500	Obstruction Removal	Removal and Disposal of Steel and or Concrete Structures	SqFt	$7.84
500	Obstruction Removal	HU-Removal and Disposal of Steel and or Concrete Structures	SqFt	$11.11
500	Obstruction Removal	Removal and Disposal of Wood Structures	SqFt	$4.09
500	Obstruction Removal	HU-Removal and Disposal of Wood Structures	SqFt	$5.79
511	Forage Harvest Management	Improved Forage Quality	Ac	$2.86
511	Forage Harvest Management	HU-Improved Forage Quality	Ac	$4.05
511	Forage Harvest Management	Wp_Improved Forage Quality	Ac	$4.05
511	Forage Harvest Management	Per-Ann Crops - Delayed Mowing	Ac	$2.86
511	Forage Harvest Management	HU-Per-Ann Crops - Delayed Mowing	Ac	$4.05
511	Forage Harvest Management	Wp_Per-Ann Crops - Delayed Mowing	Ac	$4.05
512	Pasture and Hay Planting	Introduced Perennial & Native Grass Mix	Ac	$42.67
512	Pasture and Hay Planting	HU-Introduced Perennial & Native Grass Mix	Ac	$60.45
512	Pasture and Hay Planting	Wp_Introduced Perennial & Native Grass Mix	Ac	$60.45
512	Pasture and Hay Planting	Introduced Perennial & Native Grass Mix, foregone income	Ac	$190.39
512	Pasture and Hay Planting	HU-Introduced Perennial & Native Grass Mix, foregone income	Ac	$242.79

Code	Practice	Component	Units	Unit Cost
512	Pasture and Hay Planting	Wp_Introduced Perennial & Native Grass Mix, foregone income	Ac	$242.79
512	Pasture and Hay Planting	Introduced Perennial Grasses-Legume	Ac	$37.42
512	Pasture and Hay Planting	HU-Introduced Perennial Grasses-Legume	Ac	$53.01
512	Pasture and Hay Planting	Wp_Introduced Perennial Grasses-Legume	Ac	$53.01
512	Pasture and Hay Planting	Introduced Perennial Grasses-Legume, foregone income	Ac	$154.18
512	Pasture and Hay Planting	HU-Introduced Perennial Grasses-Legume, foregone income	Ac	$199.34
512	Pasture and Hay Planting	Wp_Introduced Perennial Grasses-Legume, foregone income	Ac	$199.34
512	Pasture and Hay Planting	Native Perennial Grasses, multi species	Ac	$85.76
512	Pasture and Hay Planting	HU-Native Perennial Grasses, multi species	Ac	$121.50
512	Pasture and Hay Planting	Wp_Native Perennial Grasses, multi species	Ac	$121.50
512	Pasture and Hay Planting	Native Perennial Grasses, multi species, forgone income	Ac	$171.70
512	Pasture and Hay Planting	HU-Native Perennial Grasses, multi species, forgone income	Ac	$243.24
512	Pasture and Hay Planting	Wp_Native Perennial Grasses, multi species, forgone income	Ac	$243.24
516	Livestock Pipeline	Backhoe, 2 inch dia. or less	Ft	$3.33
516	Livestock Pipeline	HU-Backhoe, 2 inch dia. or less	Ft	$4.00
516	Livestock Pipeline	Wp_Backhoe, 2 inch dia. or less	Ft	$4.00
516	Livestock Pipeline	Boring, any diameter	Ft	$42.21
516	Livestock Pipeline	HU-Boring, any diameter	Ft	$59.80
516	Livestock Pipeline	Wp_Boring, any diameter	Ft	$59.80
516	Livestock Pipeline	Rural Water Connection Equipment	No	$2,776.07
516	Livestock Pipeline	HU-Rural Water Connection Equipment	No	$3,331.29
516	Livestock Pipeline	Wp_Rural Water Connection Equipment	No	$3,331.29
516	Livestock Pipeline	Standard Installation, 2 inch dia. or less (ND-SD)	Ft	$2.50
516	Livestock Pipeline	HU-Standard Installation, 2 inch dia. or less (ND-SD)	Ft	$3.00
516	Livestock Pipeline	Wp_Standard Installation, 2 inch dia. or less (ND-SD)	Ft	$3.00
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul > 1 mile	CuYd	$7.84
520	Pond Sealing or Lining, Compacted Soil Treatment	HU- Material haul > 1 mile	CuYd	$11.11
520	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment - Covered	CuYd	$23.22
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Bentonite Treatment - Covered	CuYd	$32.89

Code	Practice	Component	Units	Unit Cost
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul < 1 mile	CuYd	$6.62
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Material haul < 1 mile	CuYd	$9.38
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Covered	CuYd	$4.41
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Soil Dispersant - Covered	CuYd	$6.24
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Uncovered	CuYd	$4.24
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Soil Dispersant - Uncovered	CuYd	$6.01
520	Pond Sealing or Lining, Compacted Soil Treatment	Use On-Site Material	CuYd	$4.85
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Use On-Site Material	CuYd	$6.87
520	Pond Sealing or Lining, Compacted Soil Treatment	Use On-Site Material with Soil Cover	CuYd	$3.95
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Use On-Site Material with Soil Cover	CuYd	$5.60
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	Flexible Membrane - Covered with liner drainage or venting	SqYd	$9.96
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-Flexible Membrane - Covered with liner drainage or venting	SqYd	$14.10
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	Flexible Membrane - Covered without liner drainage or venting	SqYd	$5.87
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-Flexible Membrane - Covered without liner drainage or venting	SqYd	$8.31
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	Flexible Membrane - Uncovered with liner drainage or venting	SqYd	$9.03
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-Flexible Membrane - Uncovered with liner drainage or venting	SqYd	$12.80
528	Prescribed Grazing	Habitat Mgt	Ac	$12.90
528	Prescribed Grazing	HU-Habitat Mgt	Ac	$15.48
528	Prescribed Grazing	Pr_Habitat Mgt	Ac	$15.48
528	Prescribed Grazing	Wp_Habitat Mgt	Ac	$15.48
528	Prescribed Grazing	Range, 3-6 Pastures	Ac	$5.21
528	Prescribed Grazing	HU-Range, 3-6 Pastures	Ac	$6.25
528	Prescribed Grazing	Pr_Range, 3-6 Pastures	Ac	$6.25
528	Prescribed Grazing	Wp_Range, 3-6 Pastures	Ac	$6.25
528	Prescribed Grazing	Range, 7 or More Pastures	Ac	$7.01

Code	Practice	Component	Units	Unit Cost
528	Prescribed Grazing	HU-Range, 7 or More Pastures	Ac	$8.41
528	Prescribed Grazing	Pr_Range, 7 or More Pastures	Ac	$8.41
528	Prescribed Grazing	Wp_Range, 7 or More Pastures	Ac	$8.41
533	Pumping Plant	Irrigation, Modify Pump	No	$13,288.52
533	Pumping Plant	HU-Irrigation, Modify Pump	No	$18,825.40
533	Pumping Plant	Wp_Irrigation, Modify Pump	No	$18,825.40
533	Pumping Plant	Irrigation, Submersible or Booster	No	$5,561.50
533	Pumping Plant	HU-Irrigation, Submersible or Booster	No	$7,878.79
533	Pumping Plant	Wp_Irrigation, Submersible or Booster	No	$7,878.79
533	Pumping Plant	irrigation, Surface Water	No	$8,420.78
533	Pumping Plant	HU-irrigation, Surface Water	No	$11,929.44
533	Pumping Plant	Wp_irrigation, Surface Water	No	$11,929.44
533	Pumping Plant	Irrigation, Variable Frequency Drive	No	$3,408.41
533	Pumping Plant	HU-Irrigation, Variable Frequency Drive	No	$4,828.58
533	Pumping Plant	Wp_Irrigation, Variable Frequency Drive	No	$4,828.58
533	Pumping Plant	Livestock, Manure Transfer	No	$12,318.24
533	Pumping Plant	HU-Livestock, Manure Transfer	No	$17,450.84
533	Pumping Plant	Wp_Livestock, Manure Transfer	No	$17,450.84
533	Pumping Plant	Livestock, Variable Frequency Drive	No	$3,121.39
533	Pumping Plant	HU-Livestock, Variable Frequency Drive	No	$4,421.97
533	Pumping Plant	Wp_Livestock, Variable Frequency Drive	No	$4,421.97
533	Pumping Plant	Livestock, w/ Pressure Tank, Low HP	No	$2,708.71
533	Pumping Plant	HU-Livestock, w/ Pressure Tank, Low HP	No	$3,837.34
533	Pumping Plant	Wp_Livestock, w/ Pressure Tank, Low HP	No	$3,837.34
533	Pumping Plant	Solar-Powered Pump	No	$2,996.10
533	Pumping Plant	HU-Solar-Powered Pump	No	$4,244.48
533	Pumping Plant	Wp_Solar-Powered Pump	No	$4,244.48
533	Pumping Plant	Solar-Powered Pump, 2 hp	No	$4,727.41
533	Pumping Plant	HU-Solar-Powered Pump, 2 hp	No	$6,697.17

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Wp_Solar-Powered Pump, 2 hp	No	$6,697.17
533	Pumping Plant	Windmill-Powered Pump	No	$4,338.92
533	Pumping Plant	HU-Windmill-Powered Pump	No	$6,146.80
533	Pumping Plant	Wp_Windmill-Powered Pump	No	$6,146.80
550	Range Planting	Native, Standard Prep (FI)	Ac	$122.79
550	Range Planting	HU-Native, Standard Prep (FI)	Ac	$149.42
550	Range Planting	Pr_Native, Standard Prep (FI)	Ac	$149.42
550	Range Planting	Wp_Native, Standard Prep (FI)	Ac	$149.42
550	Range Planting	Native, Wildlife, or Pollinator (FI)	Ac	$186.86
550	Range Planting	HU-Native, Wildlife, or Pollinator (FI)	Ac	$226.31
550	Range Planting	Pr_Native, Wildlife, or Pollinator (FI)	Ac	$226.31
550	Range Planting	Wp_Native, Wildlife, or Pollinator (FI)	Ac	$226.31
554	Drainage Water Management	Drainage Water Management (DWM)	No	$71.40
554	Drainage Water Management	HU-Drainage Water Management (DWM)	No	$101.15
554	Drainage Water Management	Pr_Drainage Water Management (DWM)	No	$101.15
554	Drainage Water Management	Wp_Drainage Water Management (DWM)	No	$101.15
558	Roof Runoff Structure	Roof Gutter	Ft	$3.14
558	Roof Runoff Structure	HU-Roof Gutter	Ft	$4.45
558	Roof Runoff Structure	Wp_Roof Gutter	Ft	$4.45
560	Access Road	New 6 inch gravel road with Geotextile, less than 2.5 Ft.	Ft	$10.75
560	Access Road	HU-New 6 inch gravel road with Geotextile, less than 2.5 Ft.	Ft	$13.83
560	Access Road	Wp_New 6 inch gravel road with Geotextile, less than 2.5 Ft.	Ft	$13.83
561	Heavy Use Area Protection	Reinforced Concrete with sand or gravel foundation	CuYd	$274.02
561	Heavy Use Area Protection	HU-Reinforced Concrete with sand or gravel foundation	CuYd	$388.20
561	Heavy Use Area Protection	Wp_Reinforced Concrete with sand or gravel foundation	CuYd	$388.20
561	Heavy Use Area Protection	Rock/Gravel	CuYd	$12.55
561	Heavy Use Area Protection	HU-Rock/Gravel	CuYd	$17.77
561	Heavy Use Area Protection	Wp_Rock/Gravel	CuYd	$17.77
574	Spring Development	Spring, > 50 ft Collection	No	$3,625.71

Code	Practice	Component	Units	Unit Cost
574	Spring Development	HU-Spring, > 50 ft Collection	No	$4,350.85
574	Spring Development	Wp_Spring, > 50 ft Collection	No	$4,350.85
574	Spring Development	Spring, up to 50 ft Collection	No	$2,305.09
574	Spring Development	HU-Spring, up to 50 ft Collection	No	$2,766.10
574	Spring Development	Wp_Spring, up to 50 ft Collection	No	$2,766.10
575	Trails and Walkways	Earthfill Walkway, 4 Ft high or less	Ft	$6.79
575	Trails and Walkways	HU-Earthfill Walkway, 4 Ft high or less	Ft	$9.62
575	Trails and Walkways	Wp_Earthfill Walkway, 4 Ft high or less	Ft	$9.62
575	Trails and Walkways	Earthfill Walkway, Higher than 4 Ft.	Ft	$15.01
575	Trails and Walkways	HU-Earthfill Walkway, Higher than 4 Ft.	Ft	$21.27
575	Trails and Walkways	Wp_Earthfill Walkway, Higher than 4 Ft.	Ft	$21.27
576	Livestock Shelter Structure	Permanent Wind Shelter	Ft	$18.59
576	Livestock Shelter Structure	HU-Permanent Wind Shelter	Ft	$26.33
576	Livestock Shelter Structure	Portable Wind Shelter	Ft	$7.09
576	Livestock Shelter Structure	HU-Portable Wind Shelter	Ft	$10.04
578	Stream Crossing	Bridge	SqFt	$27.92
578	Stream Crossing	HU-Bridge	SqFt	$39.55
578	Stream Crossing	Wp_Bridge	SqFt	$39.55
578	Stream Crossing	Culvert installation	DiaInFt	$1.96
578	Stream Crossing	HU-Culvert installation	DiaInFt	$2.77
578	Stream Crossing	Wp_Culvert installation	DiaInFt	$2.77
578	Stream Crossing	Low water crossing, concrete block	SqFt	$6.20
578	Stream Crossing	HU-Low water crossing, concrete block	SqFt	$8.78
578	Stream Crossing	Wp_Low water crossing, concrete block	SqFt	$8.78
578	Stream Crossing	Low water crossing, geocell	SqFt	$3.33
578	Stream Crossing	HU-Low water crossing, geocell	SqFt	$4.71
578	Stream Crossing	Wp_Low water crossing, geocell	SqFt	$4.71
578	Stream Crossing	Low water crossing, rock armor	SqFt	$2.56
578	Stream Crossing	HU-Low water crossing, rock armor	SqFt	$3.62

Code	Practice	Component	Units	Unit Cost
578	Stream Crossing	Wp_Low water crossing, rock armor	SqFt	$3.62
580	Streambank and Shoreline Protection	Bioengineered	Ft	$16.69
580	Streambank and Shoreline Protection	HU-Bioengineered	Ft	$23.64
580	Streambank and Shoreline Protection	Wp_Bioengineered	Ft	$23.64
580	Streambank and Shoreline Protection	Bioengineering with High Earthwork Volume	Lnft	$60.03
580	Streambank and Shoreline Protection	HU-Bioengineering with High Earthwork Volume	Lnft	$85.05
580	Streambank and Shoreline Protection	Wp_Bioengineering with High Earthwork Volume	Lnft	$90.05
580	Streambank and Shoreline Protection	Bioengineering, Bankfull Bench with Vegetation	Lnft	$22.38
580	Streambank and Shoreline Protection	HU-Bioengineering, Bankfull Bench with Vegetation	Lnft	$31.70
580	Streambank and Shoreline Protection	Wp_Bioengineering, Bankfull Bench with Vegetation	Lnft	$33.57
580	Streambank and Shoreline Protection	Gabion	Ft	$290.87
580	Streambank and Shoreline Protection	HU-Gabion	Ft	$412.07
580	Streambank and Shoreline Protection	Wp_Gabion	Ft	$412.07
580	Streambank and Shoreline Protection	Rock Riprap	CuYd	$44.57
580	Streambank and Shoreline Protection	HU-Rock Riprap	CuYd	$63.15
580	Streambank and Shoreline Protection	Wp_Rock Riprap	CuYd	$63.15
580	Streambank and Shoreline Protection	Rock Riprap with High Earthwork Volume	Lnft	$148.24
580	Streambank and Shoreline Protection	HU-Rock Riprap with High Earthwork Volume	Lnft	$210.00
580	Streambank and Shoreline Protection	Wp_Rock Riprap with High Earthwork Volume	Lnft	$222.35
580	Streambank and Shoreline Protection	Shaping	Ft	$4.90
580	Streambank and Shoreline Protection	HU-Shaping	Ft	$6.94
580	Streambank and Shoreline Protection	Wp_Shaping	Ft	$6.94
580	Streambank and Shoreline Protection	Structural, Rock Vane w/Vegetation	Lnft	$48.82
580	Streambank and Shoreline Protection	HU-Structural, Rock Vane w/Vegetation	Lnft	$69.16
580	Streambank and Shoreline Protection	Wp_Structural, Rock Vane w/Vegetation	Lnft	$73.23
580	Streambank and Shoreline Protection	Structural, Toewood w/VESL	Lnft	$66.70
580	Streambank and Shoreline Protection	HU-Structural, Toewood w/VESL	Lnft	$94.49
580	Streambank and Shoreline Protection	Wp_Structural, Toewood w/VESL	Lnft	$100.05
582	Open Channel	Excavate & Fill	CuYd	$1.29

Code	Practice	Component	Units	Unit Cost
582	Open Channel	HU-Excavate & Fill	CuYd	$1.83
582	Open Channel	Wp_Excavate & Fill	CuYd	$1.83
584	Channel Bed Stabilization	Bio-engineering	SqFt	$2.26
584	Channel Bed Stabilization	HU-Bio-engineering	SqFt	$3.20
584	Channel Bed Stabilization	Log and Boulder Check Dam	Lnft	$563.06
584	Channel Bed Stabilization	HU-Log and Boulder Check Dam	Lnft	$797.66
584	Channel Bed Stabilization	Rock Structure for Deeply Incised Channel	CuYd	$46.68
584	Channel Bed Stabilization	HU-Rock Structure for Deeply Incised Channel	CuYd	$66.13
584	Channel Bed Stabilization	Wood structures	No	$1,634.73
584	Channel Bed Stabilization	HU-Wood structures	No	$2,315.87
587	Structure for Water Control	Automated DWM Control Structure	No	$2,760.09
587	Structure for Water Control	HU-Automated DWM Control Structure	No	$3,910.13
587	Structure for Water Control	Wp_Automated DWM Control Structure	No	$4,140.14
587	Structure for Water Control	Buried Automatic Valve	No	$479.73
587	Structure for Water Control	HU-Buried Automatic Valve	No	$679.61
587	Structure for Water Control	Wp_Buried Automatic Valve	No	$679.61
587	Structure for Water Control	Commercial Inline Flashboard Riser	DiaInFt	$2.09
587	Structure for Water Control	HU-Commercial Inline Flashboard Riser	DiaInFt	$2.96
587	Structure for Water Control	Wp_Commercial Inline Flashboard Riser	DiaInFt	$2.96
587	Structure for Water Control	Culvert <30 inches CMP	DiaInFt	$2.89
587	Structure for Water Control	HU-Culvert <30 inches CMP	DiaInFt	$4.09
587	Structure for Water Control	Wp_Culvert <30 inches CMP	DiaInFt	$4.09
587	Structure for Water Control	Earth Check	No	$487.24
587	Structure for Water Control	HU-Earth Check	No	$690.26
587	Structure for Water Control	Wp_Earth Check	No	$690.26
587	Structure for Water Control	Flow Meter with Electronic Index	In	$172.99
587	Structure for Water Control	HU-Flow Meter with Electronic Index	In	$245.06
587	Structure for Water Control	Wp_Flow Meter with Electronic Index	In	$245.06
587	Structure for Water Control	Inline Flashboard Riser, Metal	DiaInFt	$2.30

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	HU-Inline Flashboard Riser, Metal	DiaInFt	$3.26
587	Structure for Water Control	Wp_Inline Flashboard Riser, Metal	DiaInFt	$3.26
587	Structure for Water Control	Rock Check	No	$620.63
587	Structure for Water Control	HU-Rock Check	No	$879.22
587	Structure for Water Control	Wp_Rock Check	No	$879.22
587	Structure for Water Control	Slide Gate - Flood Dike	Ft	$35.56
587	Structure for Water Control	HU-Slide Gate - Flood Dike	Ft	$50.37
587	Structure for Water Control	Wp_Slide Gate - Flood Dike	Ft	$50.37
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	$5.14
590	Nutrient Management	HU-Basic NM (Non-Organic/Organic)	Ac	$7.29
590	Nutrient Management	Pr_Basic NM (Non-Organic/Organic)	Ac	$7.29
590	Nutrient Management	Wp_Basic NM (Non-Organic/Organic)	Ac	$7.29
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	Ac	$30.66
590	Nutrient Management	HU-Basic Precision NM (Non-Organic/Organic)	Ac	$43.43
590	Nutrient Management	Pr_Basic Precision NM (Non-Organic/Organic)	Ac	$43.43
590	Nutrient Management	Wp_Basic Precision NM (Non-Organic/Organic)	Ac	$43.43
603	Herbaceous Wind Barriers	Cool Season Annual/Perennial Species	Lnft	$0.07
603	Herbaceous Wind Barriers	HU-Cool Season Annual/Perennial Species	Lnft	$0.08
603	Herbaceous Wind Barriers	Wp_Cool Season Annual/Perennial Species	Lnft	$0.08
604	Saturated Buffer	Saturated Buffer	Ft	$4.23
604	Saturated Buffer	HU-Saturated Buffer	Ft	$6.00
604	Saturated Buffer	Wp_Saturated Buffer	Ft	$6.00
605	Denitrifying Bioreactor	Denitrifying Bioreactor	CuYd	$46.56
605	Denitrifying Bioreactor	HU-Denitrifying Bioreactor	CuYd	$65.95
605	Denitrifying Bioreactor	Wp_Denitrifying Bioreactor	CuYd	$65.95
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Ft	$1.95
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Ft	$2.76
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Ft	$2.55
606	Subsurface Drain	HU-Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Ft	$3.61

Code	Practice	Component	Units	Unit Cost
606	Subsurface Drain	Secondary Main Retrofit for DWM	Ft	$4.15
606	Subsurface Drain	HU-Secondary Main Retrofit for DWM	Ft	$5.88
610	Salinity and Sodic Soil Management	Soil Management (non-Irrigated)	Ac	$11.06
610	Salinity and Sodic Soil Management	HU-Soil Management (non-Irrigated)	Ac	$15.67
610	Salinity and Sodic Soil Management	Pr_Soil Management (non-Irrigated)	Ac	$15.67
610	Salinity and Sodic Soil Management	Wp_Soil Management (non-Irrigated)	Ac	$15.67
612	Tree/Shrub Establishment	Trees, Machine planted - no tubes	No	$1.90
612	Tree/Shrub Establishment	HU-Trees, Machine planted - no tubes	No	$2.69
612	Tree/Shrub Establishment	Wp_Trees, Machine planted - no tubes	No	$2.69
614	Watering Facility	Enclosed Storage Tank	Gal	$1.31
614	Watering Facility	HU-Enclosed Storage Tank	Gal	$1.57
614	Watering Facility	Wp_Enclosed Storage Tank	Gal	$1.57
614	Watering Facility	Fiberglass Tank on Earth	Gal	$1.44
614	Watering Facility	HU-Fiberglass Tank on Earth	Gal	$1.73
614	Watering Facility	Wp_Fiberglass Tank on Earth	Gal	$1.73
614	Watering Facility	Insulated Tank with Cover	Gal	$2.57
614	Watering Facility	HU-Insulated Tank with Cover	Gal	$3.08
614	Watering Facility	Wp_Insulated Tank with Cover	Gal	$3.08
614	Watering Facility	Water Fountain	No	$1,623.69
614	Watering Facility	HU-Water Fountain	No	$1,948.43
614	Watering Facility	Wp_Water Fountain	No	$1,948.43
614	Watering Facility	Wildlife Guzzler	No	$683.78
614	Watering Facility	HU-Wildlife Guzzler	No	$820.54
614	Watering Facility	Wp_Wildlife Guzzler	No	$820.54
620	Underground Outlet	12 inch - 18 inch PVC or DW w Riser	Ft	$15.31
620	Underground Outlet	HU-12 inch - 18 inch PVC or DW w Riser	Ft	$21.69
620	Underground Outlet	Wp_12 inch - 18 inch PVC or DW w Riser	Ft	$21.69
620	Underground Outlet	4 inch - 6 inch PVC or DW w Riser	Ft	$4.24
620	Underground Outlet	HU-4 inch - 6 inch PVC or DW w Riser	Ft	$6.00

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	Wp_4 inch - 6 inch PVC or DW w Riser	Ft	$6.00
620	Underground Outlet	6 inch or smaller Single Wall PE w Riser	Ft	$2.66
620	Underground Outlet	HU-6 inch or smaller Single Wall PE w Riser	Ft	$3.77
620	Underground Outlet	Wp_6 inch or smaller Single Wall PE w Riser	Ft	$3.77
620	Underground Outlet	8 inch - 10 inch PVC or DW w Riser	Ft	$9.77
620	Underground Outlet	HU-8 inch - 10 inch PVC or DW w Riser	Ft	$13.84
620	Underground Outlet	Wp_8 inch - 10 inch PVC or DW w Riser	Ft	$13.84
620	Underground Outlet	Over 18 inch PVC or DW w/ Riser	Ft	$28.00
620	Underground Outlet	HU-Over 18 inch PVC or DW w/ Riser	Ft	$39.67
620	Underground Outlet	Wp_Over 18 inch PVC or DW w/ Riser	Ft	$39.67
629	Waste Treatment	Milking Parlor Waste Dosing System and Organic Bed	Gal/Day	$38.02
629	Waste Treatment	HU-Milking Parlor Waste Dosing System and Organic Bed	Gal/Day	$53.87
629	Waste Treatment	Wp_Milking Parlor Waste Dosing System and Organic Bed	Gal/Day	$53.87
632	Waste Separation Facility	Concrete Sand Settling Lane	SqFt	$6.19
632	Waste Separation Facility	HU-Concrete Sand Settling Lane	SqFt	$8.78
632	Waste Separation Facility	Wp_Concrete Sand Settling Lane	SqFt	$8.78
632	Waste Separation Facility	Concrete Settling Structure with picket screen outlet	Cu-Ft	$2.26
632	Waste Separation Facility	HU-Concrete Settling Structure with picket screen outlet	Cu-Ft	$3.20
632	Waste Separation Facility	Wp_Concrete Settling Structure with picket screen outlet	Cu-Ft	$3.20
632	Waste Separation Facility	Concrete Settling Structure with pipe outlet	Cu-Ft	$0.76
632	Waste Separation Facility	HU-Concrete Settling Structure with pipe outlet	Cu-Ft	$1.08
632	Waste Separation Facility	Wp_Concrete Settling Structure with pipe outlet	Cu-Ft	$1.08
632	Waste Separation Facility	Earthen Settling Structure with picket screen outlet	Cu-Ft	$0.22
632	Waste Separation Facility	HU-Earthen Settling Structure with picket screen outlet	Cu-Ft	$0.31
632	Waste Separation Facility	Wp_Earthen Settling Structure with picket screen outlet	Cu-Ft	$0.31
632	Waste Separation Facility	Mechanical Separator	No	$25,048.87
632	Waste Separation Facility	HU-Mechanical Separator	No	$35,485.89
632	Waste Separation Facility	Wp_Mechanical Separator	No	$35,485.89
634	Waste Transfer	Agitator, Slurry Transfer	No	$17,254.99

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	HU-Agitator, Slurry Transfer	No	$24,444.57
634	Waste Transfer	Wp_Agitator, Slurry Transfer	No	$24,444.57
634	Waste Transfer	Concrete Channel	SqFt	$9.12
634	Waste Transfer	HU-Concrete Channel	SqFt	$12.92
634	Waste Transfer	Wp_Concrete Channel	SqFt	$12.92
634	Waste Transfer	Gravity flow, greater than 18 inch diameter conduit	Ft	$32.29
634	Waste Transfer	HU-Gravity flow, greater than 18 inch diameter conduit	Ft	$45.74
634	Waste Transfer	Wp_Gravity flow, greater than 18 inch diameter conduit	Ft	$45.74
634	Waste Transfer	Gravity flow, less than or equal to 18 inch diameter conduit	Ft	$18.62
634	Waste Transfer	HU-Gravity flow, less than or equal to 18 inch diameter conduit	Ft	$26.38
634	Waste Transfer	Wp_Gravity flow, less than or equal to 18 inch diameter conduit	Ft	$26.38
634	Waste Transfer	Hard-hose Reel System	No	$27,216.25
634	Waste Transfer	HU-Hard-hose Reel System	No	$38,556.36
634	Waste Transfer	Wp_Hard-hose Reel System	No	$38,556.36
634	Waste Transfer	Hard-hose Reel System with Booster incorporated into Traveler	No	$34,528.25
634	Waste Transfer	HU-Hard-hose Reel System with Booster incorporated into Traveler	No	$48,915.02
634	Waste Transfer	Wp_Hard-hose Reel System with Booster incorporated into Traveler	No	$48,915.02
634	Waste Transfer	Pressure flow, 10 inch diameter conduit	Ft	$17.27
634	Waste Transfer	HU-Pressure flow, 10 inch diameter conduit	Ft	$24.47
634	Waste Transfer	Wp_Pressure flow, 10 inch diameter conduit	Ft	$24.47
634	Waste Transfer	Pressure flow, 12 inch or greater diameter conduit	Ft	$25.49
634	Waste Transfer	HU-Pressure flow, 12 inch or greater diameter conduit	Ft	$36.12
634	Waste Transfer	Wp_Pressure flow, 12 inch or greater diameter conduit	Ft	$36.12
634	Waste Transfer	Pressure flow, 8 inch diameter conduit	Ft	$12.16
634	Waste Transfer	HU-Pressure flow, 8 inch diameter conduit	Ft	$17.22
634	Waste Transfer	Wp_Pressure flow, 8 inch diameter conduit	Ft	$17.22
634	Waste Transfer	Pressure flow, less than or equal to 6 inch diameter conduit	Ft	$8.47
634	Waste Transfer	HU-Pressure flow, less than or equal to 6 inch diameter conduit	Ft	$12.00
634	Waste Transfer	Wp_Pressure flow, less than or equal to 6 inch diameter conduit	Ft	$12.00

Code	Practice	Component	Units	Unit Cost
635	Vegetated Treatment Area	Concrete Curb with major shaping	Ac	$7,935.79
635	Vegetated Treatment Area	HU-Concrete Curb with major shaping	Ac	$11,242.37
635	Vegetated Treatment Area	Wp_Concrete Curb with major shaping	Ac	$11,242.37
635	Vegetated Treatment Area	Concrete Curb, with or without flow spreaders	Ac	$2,631.22
635	Vegetated Treatment Area	HU-Concrete Curb, with or without flow spreaders	Ac	$3,727.56
635	Vegetated Treatment Area	Wp_Concrete Curb, with or without flow spreaders	Ac	$3,727.56
635	Vegetated Treatment Area	Gated Pipe with major shaping	Ac	$7,505.16
635	Vegetated Treatment Area	HU-Gated Pipe with major shaping	Ac	$10,632.31
635	Vegetated Treatment Area	Wp_Gated Pipe with major shaping	Ac	$10,632.31
635	Vegetated Treatment Area	Gated Pipe, with or without flow spreaders	Ac	$1,249.67
635	Vegetated Treatment Area	HU-Gated Pipe, with or without flow spreaders	Ac	$1,770.36
635	Vegetated Treatment Area	Wp_Gated Pipe, with or without flow spreaders	Ac	$1,770.36
635	Vegetated Treatment Area	Minor Shaping	Ac	$877.53
635	Vegetated Treatment Area	HU-Minor Shaping	Ac	$1,243.16
635	Vegetated Treatment Area	Wp_Minor Shaping	Ac	$1,243.16
635	Vegetated Treatment Area	Sprinkler, Center Pivot	Ac	$2,255.56
635	Vegetated Treatment Area	HU-Sprinkler, Center Pivot	Ac	$3,195.37
635	Vegetated Treatment Area	Wp_Sprinkler, Center Pivot	Ac	$3,195.37
635	Vegetated Treatment Area	Sprinkler, Mobile Pods	Ac	$2,124.22
635	Vegetated Treatment Area	HU-Sprinkler, Mobile Pods	Ac	$3,009.31
635	Vegetated Treatment Area	Wp_Sprinkler, Mobile Pods	Ac	$3,009.31
635	Vegetated Treatment Area	Sprinkler, Solid Set Distribution	Ac	$3,595.11
635	Vegetated Treatment Area	HU-Sprinkler, Solid Set Distribution	Ac	$5,093.07
635	Vegetated Treatment Area	Wp_Sprinkler, Solid Set Distribution	Ac	$5,093.07
638	Water and Sediment Control Basin	WASCOB topsoil	CuYd	$2.87
638	Water and Sediment Control Basin	HU-WASCOB topsoil	CuYd	$4.07
638	Water and Sediment Control Basin	Wp_WASCOB topsoil	CuYd	$4.07
640	Waterspreading	Dikes	Ac	$1,296.79
640	Waterspreading	HU-Dikes	Ac	$1,837.12

Code	Practice	Component	Units	Unit Cost
640	Waterspreading	Wp_Dikes	Ac	$1,837.12
642	Water Well	Shallow Well, 100 ft. deep or less, ND	No	$3,733.13
642	Water Well	HU-Shallow Well, 100 ft. deep or less, ND	No	$4,799.74
642	Water Well	Wp_Shallow Well, 100 ft. deep or less, ND	No	$4,799.74
642	Water Well	Single PVC Casing with pitless unit, greater than 100 ft. deep	Ft	$35.54
642	Water Well	HU-Single PVC Casing with pitless unit, greater than 100 ft. deep	Ft	$45.70
642	Water Well	Wp_Single PVC Casing with pitless unit, greater than 100 ft. deep	Ft	$45.70
642	Water Well	Well Point	Ft	$74.22
642	Water Well	HU-Well Point	Ft	$95.42
642	Water Well	Wp_Well Point	Ft	$95.42
643	Restoration of Rare or Declining Natural Communities	Beaver Dam Analogues or Post-Assisted Log Structures	Lnft	$28.88
643	Restoration of Rare or Declining Natural Communities	HU-Beaver Dam Analogues or Post-Assisted Log Structures	Lnft	$34.66
643	Restoration of Rare or Declining Natural Communities	Wp_Beaver Dam Analogues or Post-Assisted Log Structures	Lnft	$34.66
643	Restoration of Rare or Declining Natural Communities	Monitoring & Management, Low Intensity and Complexity - No Foregone Income	Ac	$2.09
643	Restoration of Rare or Declining Natural Communities	HU-Monitoring & Management, Low Intensity and Complexity - No Foregone Income	Ac	$2.51
643	Restoration of Rare or Declining Natural Communities	Wp_Monitoring & Management, Low Intensity and Complexity - No Foregone Income	Ac	$2.51
644	Wetland Wildlife Habitat Management	Idling Cropland for Wetland Wildlife - Level 2	Ac	$161.10
644	Wetland Wildlife Habitat Management	HU-Idling Cropland for Wetland Wildlife - Level 2	Ac	$208.84
644	Wetland Wildlife Habitat Management	Management and Monitoring on Idled Cropland for Wetland Wildlife, foregone income - Level 1 (Year 2-5)	Ac	$157.22
644	Wetland Wildlife Habitat Management	HU-Management and Monitoring on Idled Cropland for Wetland Wildlife, foregone income - Level 1 (Year 2-5)	Ac	$204.18
644	Wetland Wildlife Habitat Management	Monitoring and Management - Level 3	Ac	$118.40
644	Wetland Wildlife Habitat Management	HU-Monitoring and Management - Level 3	Ac	$152.95
644	Wetland Wildlife Habitat Management	Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$2.10
644	Wetland Wildlife Habitat Management	HU-Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$2.97
644	Wetland Wildlife Habitat Management	Pr_Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$2.97
644	Wetland Wildlife Habitat Management	Wp_Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$2.97
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$2.10
645	Upland Wildlife Habitat Management	HU-Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$2.97

Code	Practice	Component	Units	Unit Cost
645	Upland Wildlife Habitat Management	Pr_Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$3.15
645	Upland Wildlife Habitat Management	Wp_Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$3.15
647	Early Successional Habitat Development-Mgt	Disking	Ac	$14.22
647	Early Successional Habitat Development-Mgt	HU-Disking	Ac	$20.15
647	Early Successional Habitat Development-Mgt	Mowing	Ac	$8.86
647	Early Successional Habitat Development-Mgt	HU-Mowing	Ac	$12.55
649	Structures for Wildlife	Escape Ramp	No	$47.08
649	Structures for Wildlife	HU-Escape Ramp	No	$66.70
649	Structures for Wildlife	Fence Markers, Vinyl Undersill	Ft	$0.10
649	Structures for Wildlife	HU-Fence Markers, Vinyl Undersill	Ft	$0.13
650	Windbreak/Shelterbelt Renovation	Removal > 8 inches DBH with Dozer	Ft	$1.76
650	Windbreak/Shelterbelt Renovation	HU-Removal > 8 inches DBH with Dozer	Ft	$2.49
650	Windbreak/Shelterbelt Renovation	Wp_Removal > 8 inches DBH with Dozer	Ft	$2.49
656	Constructed Wetland	Large, 0.5 to 1.0 ac.	Ac	$5,929.98
656	Constructed Wetland	HU-Large, 0.5 to 1.0 ac.	Ac	$8,400.81
656	Constructed Wetland	Wp_Large, 0.5 to 1.0 ac.	Ac	$8,400.81
656	Constructed Wetland	Large, more than 1.0 ac.	Ac	$4,605.59
656	Constructed Wetland	HU-Large, more than 1.0 ac.	Ac	$6,524.58
656	Constructed Wetland	Wp_Large, more than 1.0 ac.	Ac	$6,524.58
656	Constructed Wetland	Medium, 0.5 ac or less	Ac	$8,472.44
656	Constructed Wetland	HU-Medium, 0.5 ac or less	Ac	$12,002.62
656	Constructed Wetland	Wp_Medium, 0.5 ac or less	Ac	$12,002.62
657	Wetland Restoration	Depression Sediment Removal	CuYd	$2.39
657	Wetland Restoration	HU-Depression Sediment Removal	CuYd	$3.39
657	Wetland Restoration	Wp_Depression Sediment Removal	CuYd	$3.39
657	Wetland Restoration	Ditch plug - Lateral Restoration	CuYd	$5.24
657	Wetland Restoration	HU-Ditch plug - Lateral Restoration	CuYd	$7.42
657	Wetland Restoration	Wp_Ditch plug - Lateral Restoration	CuYd	$7.42
657	Wetland Restoration	Embankment - Fill Height <= 4 feet	CuYd	$4.01

Code	Practice	Component	Units	Unit Cost
657	Wetland Restoration	HU-Embankment - Fill Height <= 4 feet	CuYd	$5.68
657	Wetland Restoration	Wp_Embankment - Fill Height <= 4 feet	CuYd	$5.68
657	Wetland Restoration	Fill in dugout	CuYd	$2.44
657	Wetland Restoration	HU-Fill in dugout	CuYd	$3.46
657	Wetland Restoration	Wp_Fill in dugout	CuYd	$3.46
658	Wetland Creation	Excavation and Embankment	CuYd	$2.70
658	Wetland Creation	HU-Excavation and Embankment	CuYd	$3.82
658	Wetland Creation	Wp_Excavation and Embankment	CuYd	$3.82
658	Wetland Creation	Wetland Creation, Excavation	CuYd	$1.49
658	Wetland Creation	HU-Wetland Creation, Excavation	CuYd	$2.11
658	Wetland Creation	Wp_Wetland Creation, Excavation	CuYd	$2.11
666	Forest Stand Improvement	Pre-commercial Thinning , Hand tools	Ac	$235.60
666	Forest Stand Improvement	HU-Pre-commercial Thinning , Hand tools	Ac	$282.72
670	Energy Efficient Lighting System	Automatic Controller System	No	$295.38
670	Energy Efficient Lighting System	HU-Automatic Controller System	No	$418.45
670	Energy Efficient Lighting System	Lighting - LED	No	$7.47
670	Energy Efficient Lighting System	HU-Lighting - LED	No	$10.58
670	Energy Efficient Lighting System	Lighting - Replace Existing Lighting Fixture with Linear LED	No	$46.38
670	Energy Efficient Lighting System	HU-Lighting - Replace Existing Lighting Fixture with Linear LED	No	$65.70
672	Energy Efficient Building Envelope	Building Envelope - Attic Insulation	SqFt	$0.48
672	Energy Efficient Building Envelope	HU-Building Envelope - Attic Insulation	SqFt	$0.68
672	Energy Efficient Building Envelope	Building Envelope - Sealant	Ft	$1.06
672	Energy Efficient Building Envelope	HU-Building Envelope - Sealant	Ft	$1.50
672	Energy Efficient Building Envelope	Building Envelope - Wall Insulation	SqFt	$1.19
672	Energy Efficient Building Envelope	HU-Building Envelope - Wall Insulation	SqFt	$1.69
672	Energy Efficient Building Envelope	Greenhouse - Insulate Unglazed Walls	SqFt	$0.20
672	Energy Efficient Building Envelope	HU-Greenhouse - Insulate Unglazed Walls	SqFt	$0.28