



The Nebraska Environmental Trust

preserving NATURAL NEBRASKA™ for future generations

2022 Grants Committee Recommendations for Funding Placed in Rank Order

March 3, 2022 – NET Board Meeting

The Nebraska Environmental Trust (NET) Grants Committee will present their recommendations for funding to the NET board on March 3, 2022 at 245 Fallbrook Blvd, LL Room 031, Lincoln, Nebraska, convening at 1:00 p.m. C.S.T.

A public hearing will be held at 1:30 p.m. to accept testimony on the proposed funding list for the 2022 Grant Cycle. Written comments may be sent to Nebraska Environmental Trust, P.O. Box 94913, Lincoln, NE 68509-4913 or via email at env.trust@nebraska.gov, on or before **February 25th, 2022**.

Grants Committee Recommendations

The Grants Committee recommends funding 71 projects for a total of \$13,896,327. Of these, 35 are new applications and 36 are carry-over projects. These projects are listed on pages 2 through 7 of this document.

This is the 29th year of grants funded from the Trust, which has provided over 330 million dollars in lottery revenue to preserve and protect the air, water, and land in Nebraska.

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Rating	App ID	Sponsor Name	Project Name	Year 1	Year 2	Year 3	Total Amount
166.67	22-147	Quail Forever	Mobile Prescribed Burn Unit and Education Outreach	\$ 114,400	\$ -	\$ -	\$ 114,400
161.33	22-150	Central Platte NRD	Partnering to Manage Central Nebraska's Core Grasslands	\$ 149,500	\$ 129,500	\$ 129,500	\$ 408,500
156.83	22-207	Platte River Whooping Crane Maintenance Trust, Inc.	A Partnership to Restore Central Nebraska Native Prairies	\$ 62,500	\$ 67,000	\$ -	\$ 129,500
156.67	22-174	Nebraska Agriculture in the Classroom, a program of Nebraska Farm Bureau Foundation	Agriculture and the Environment, Education and Outreach	\$ 57,100	\$ -	\$ -	\$ 57,100
154.6	22-159	Papio Missouri River Natural Resources District	Know Your Well Phase III - Growing Youth-led Groundwater Science in Nebraska	\$ 235,711	\$ 174,077	\$ 121,212	\$ 531,000
152.5	22-173	City of Lexington	Lexington's Patriot Park and Pond - Connecting Community to Nature	\$ 276,930	\$ -	\$ -	\$ 276,930
152	22-143	Nebraska Game & Parks Commission	Bringing the Natural Legacy Project to Nebraska's Private Land Producers and Stewards	\$ 274,500	\$ 269,500	\$ 259,000	\$ 803,000
151.33	22-145	Pheasants Forever, Inc.	Habitat Share	\$ 99,000	\$ 99,000	\$ -	\$ 198,000
150.83	22-123	Southwest Weed Management	Western Republican River Basin Riparian Habitat Project	\$ 130,700	\$ -	\$ -	\$ 130,700
150.83	22-148	Five Rivers Resource, Conservation, & Development, Inc.	SE Nebraska Household Hazardous Waste Collections	\$ 65,764	\$ 65,764	\$ 65,764	\$ 197,292
150.17	22-130	Nebraska Recycling Council	Recycling Equipment Grants	\$ 314,200	\$ 314,200	\$ -	\$ 628,400
149.67	22-166	Nebraska Game and Parks Commission	Cool Water Stream Management In Nebraska	\$ 125,000	\$ 120,000	\$ 80,000	\$ 325,000
148.5	22-119	Twin Valley Weed Management Area	Eastern Republican and Little Blue Watershed Improvement Project	\$ 176,000	\$ -	\$ -	\$ 176,000
148.33	22-170	Nebraska Game and Parks Commission	Statewide Grassland Enhancement Project	\$ 250,000	\$ 250,000	\$ -	\$ 500,000
147	22-209	Five Rivers Resource, Conservation, & Development, Inc.	SE Nebraska Electronics Collections	\$ 56,219	\$ 56,219	\$ 56,219	\$ 168,657
146.83	22-200	Five Rivers Resource, Conservation, & Development, Inc.	Native Grassland Protection Against Invasive Species	\$ 91,440	\$ 91,440	\$ 91,440	\$ 274,320
146.33	22-155	KEEP KEITH COUNTY BEAUTIFUL	Western Nebraska Regional Education program	\$ 78,073	\$ -	\$ -	\$ 78,073
146.17	22-157	Four Corners Health Department	Copy of Household Hazardous Waste	\$ 29,250	\$ 29,250	\$ 29,250	\$ 87,750
144.33	22-102	Papio Missouri River Natural Resources District	10 County Scrap Tire Collection	\$ -	\$ 98,800	\$ 100,750	\$ 199,550
142.5	22-214	Keep Columbus Beautiful	23rd Street Streetscaping Project	\$ 5,000	\$ 20,000	\$ -	\$ 25,000
142	22-146	Southeast NE Pheasants Forever	No-Till Drill Southeast NE Pheasants Forever	\$ 29,000	\$ -	\$ -	\$ 29,000
142	22-183	Keep Nebraska Beautiful	Nebraska School Chemical Cleanout Campaign (SC3)	\$ 57,500	\$ 52,340	\$ 52,340	\$ 162,180
141.83	22-172	Nebraska Department of Transportation	Statewide StreamStats Web Tool for Estimating Streamflow Statistics	\$ 24,300	\$ 12,100	\$ 38,200	\$ 74,600
141	22-122	Nebraska Community Foundation FBO Rainwater Basin Joint Venture	Happy Cows Happy Wetlands II	\$ 67,360	\$ 67,360	\$ 67,360	\$ 202,080

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139.67	22-138	Alliance for the Future of Agriculture in Nebraska	Leopold Conservation Award Video Project	\$ 15,000	\$ 15,000	\$ 15,000	\$ 45,000
136.83	22-177	Nebraska Statewide Arboretum, Inc.	Greener Nebraska Towns (GNT)	\$ 334,564	\$ 207,101	\$ 114,725	\$ 656,390
136.5	22-141	Central Platte Natural Resources District	Alda Crane Viewing Site Restoration Project	\$ 75,000	\$ -	\$ -	\$ 75,000
135	22-182	Nebraska Statewide Arboretum, Inc.	Trees For Nebraska Towns: More Biodiverse & Resilient Communities	\$ 331,761	\$ 227,054	\$ 88,027	\$ 646,842
134.5	22-161	Ducks Unlimited, Inc.	Improving Wildlife Habitat and Public Recreation	\$ 102,000	\$ 17,000	\$ -	\$ 119,000
134.17	22-144	Board of Regents of the University of Nebraska-Lincoln	Reduction of Water and Energy Use in the Ethanol Industry: Data Collection and Analysis	\$ 155,663	\$ 44,232	\$ -	\$ 199,895
134	22-178	Omaha Children's Museum	Forever Forest Refurbishment & 2nd Half of 10 Year National Tour	\$ 32,603	\$ -	\$ -	\$ 32,603
132.17	22-112	Lower Elkhorn Natural Resources District	LENRD Establishment of Baseline Vadose Zone Sampling in Cuming, Colfax, and Dodge Counties	\$ 14,845	\$ 14,845	\$ 14,844	\$ 44,534
131	22-137	Wachiska Audubon Society Eastern Nebraska Chapter of National Audubon Society	Prairie Habitat Management Program 2022-2024	\$ 46,000	\$ 52,756	\$ 55,756	\$ 154,512
130.83	22-217	Metropolitan Utilities District	Used Oil Filter Recycling Project	\$ 9,097	\$ -	\$ -	\$ 9,097
130	22-162	City of Papillion	Valley Road Channel Improvements	\$ 80,000	\$ 120,000	\$ -	\$ 200,000
128.67	22-153	City of North Platte	Drop Off Recycling Program	\$ -	\$ -	\$ -	\$ -
127.83	22-115	Nebraska Community Foundation FBO Rainwater Basin Joint Venture	Working Wetlands; Supporting Aquifer Recharge, Wildlife, and Producers	\$ -	\$ -	\$ -	\$ -
127.33	22-107	City of Lincoln Parks and Recreation Department	Ash Street Tree Replacement in Low-to-Moderate Income Areas	\$ -	\$ -	\$ -	\$ -
127.17	22-128	Western Resources Group	Recycling Collection, Processing and Marketing of Materials	\$ -	\$ -	\$ -	\$ -
127	22-163	Ducks Unlimited	Section Lake Preservation	\$ -	\$ -	\$ -	\$ -
126.5	22-114	City of Lincoln Parks and Recreation Department	City of Lincoln - Greenways	\$ -	\$ -	\$ -	\$ -
124.83	22-205	Ducks Unlimited Inc.	Expanding the Slough for Fish and Wildlife	\$ -	\$ -	\$ -	\$ -
124.67	22-109	Keep Alliance Beautiful	2022-2023 Recycling Center Operations and Education Program	\$ -	\$ -	\$ -	\$ -
123.67	22-216	Community Crops	Growing Urban Ag Environmental Sustainability in Lincoln, NE	\$ -	\$ -	\$ -	\$ -
123.5	22-152	Lower Elkhorn Natural Resources District	LENRD Groundwater Monitoring for Public Health	\$ -	\$ -	\$ -	\$ -
123	22-199	Iain Nicolson Audubon Center at Rowe Sanctuary	Building a stronghold for birds with revitalized grassland management at Rowe Sanctuary	\$ -	\$ -	\$ -	\$ -

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122.8	22-167	Nebraska Recycling Council	Grain Bag Recycling Project	\$ -	\$ -	\$ -	\$ -
122.17	22-222	City of Hastings - Hastings Museum	Copy of Environmental Education	\$ -	\$ -	\$ -	\$ -
121.67	22-202	The Nature Conservancy	Increasing Fire Capacity and Rangeland Impact in the Sandhills	\$ -	\$ -	\$ -	\$ -
120.67	22-101	Lincoln Public Schools	School Campus as a Teaching Tool - LPS New High Schools	\$ -	\$ -	\$ -	\$ -
118.5	22-185	Robert J Hamilton	Southeast Nebraska Recycling Hub	\$ -	\$ -	\$ -	\$ -
117.17	22-132	Nebraska Grazing Lands Coalition	Enhancing Nebraska Grasslands with Prescribed Burning and Conservation Transition on Privately Owned Ranches	\$ -	\$ -	\$ -	\$ -
117	22-176	Board of Regents of the University of Nebraska-Lincoln	The 4Rs of Nitrogen Management to Reduce Nitrate Leaching	\$ -	\$ -	\$ -	\$ -
115.83	22-208	Sanitary and Improvement District No. 305 of Sarpy County, NE	Pioneer View - Pond Restoration	\$ -	\$ -	\$ -	\$ -
115.67	22-158	Board of Regents of the University of Nebraska-Lincoln	Novel nutrient management approaches for reducing nitrate leaching below crop rootzone in Nebraska	\$ -	\$ -	\$ -	\$ -
115.67	22-201	Board of Regents of the University of Nebraska-Lincoln	Improvement of Feedlot Surface with Roller-Compacted Concrete	\$ -	\$ -	\$ -	\$ -
115.17	22-193	Nebraska Public Power District	Single Phase Electric Vehicle Fast Charger with Battery Storage	\$ -	\$ -	\$ -	\$ -
113.83	22-118	South Sioux City	Ash Tree Removal to Prevent Emerald Ash Borer Infestation	\$ -	\$ -	\$ -	\$ -
113.83	22-139	City of Lincoln, Nebraska - Lincoln Transportation & Utilities - StarTran	Copy of StarTran No Emission Electric Bus Replacement Project, Phase II	\$ -	\$ -	\$ -	\$ -
113	22-215	Conservation Blueprint	Pollinator & Wildlife Habitat Education	\$ -	\$ -	\$ -	\$ -
112.83	22-221	The Bee & Butterfly Habitat Fund	The Seed A Legacy Program	\$ -	\$ -	\$ -	\$ -
112.67	22-190	Nebraska Public Power District	Ethanol Powered Electric Vehicle Fast Charger	\$ -	\$ -	\$ -	\$ -
111.17	22-206	Board of Regents of the University of Nebraska-Lincoln	Producing Liquid Fuel and Recovering Soil from the Scrapings of Open Feedlots	\$ -	\$ -	\$ -	\$ -
110.67	22-181	Board of Regents of the University of Nebraska-Lincoln	Surface Water Nutrient Removal in Eutrophic Ponds Using Floating Treatment Wetlands in Nebraska	\$ -	\$ -	\$ -	\$ -
110.17	22-180	Nebraska Community Energy Alliance	CONNECTING NEBRASKA COMMUNITIES DRIVING AMERICA'S FUEL! PHASE VII	\$ -	\$ -	\$ -	\$ -
108.17	22-197	Board of Regents of the University of Nebraska-Lincoln	Modular Skid for Water Recovery from Nitrate Contaminated Resources	\$ -	\$ -	\$ -	\$ -
107.17	22-160	City of Lincoln	Maximizing Lincoln's Hazardous Waste Center Through Material Reuse Program Planning and Digital Marketing	\$ -	\$ -	\$ -	\$ -
106.5	22-179	Southwest Public Power District	Chase Substation Line Improvement	\$ -	\$ -	\$ -	\$ -

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105.67	22-121	Bluestem Energy Solutions, LLC	Cuming County Battery Storage Project	\$ -	\$ -	\$ -	\$ -
105.33	22-189	Board of Regents of the University of Nebraska-Lincoln	Assessing freshwater mussels as biofilters to improve stream water quality	\$ -	\$ -	\$ -	\$ -
103	22-175	Board of Regents of the University of Nebraska-Lincoln	A Summary of Soil Health and Water Quality in Nebraska	\$ -	\$ -	\$ -	\$ -
103	22-188	Board of Regents of the University of Nebraska-Lincoln	Improving the Environmental Sustainability of Beef Production by Reducing Methane Emission	\$ -	\$ -	\$ -	\$ -
102.67	22-111	The Xerces Society for Invertebrate Conservation	Expanding Pollinator Benefits and Plant Diversity in Nebraska Tree and Shrub Conservation Plantings	\$ -	\$ -	\$ -	\$ -
102.33	22-142	Fontenelle Forest	Fontenelle Forest Floodplain Habitat Management Planning Surveys	\$ -	\$ -	\$ -	\$ -
102.33	22-194	Board of Regents of the University of Nebraska-Lincoln	Conservation of agricultural water use in the High Plains of Nebraska through increased adoption of proso millet	\$ -	\$ -	\$ -	\$ -
99.17	22-223	Board of Regents of the University of Nebraska-Lincoln	Real-time Irrigation Scheduling on Farmers Smartphones with Satellite Imagery	\$ -	\$ -	\$ -	\$ -
98.17	22-156	Board of Regents of the University of Nebraska-Lincoln	Ensuring Water Quality in Nebraska via Cover Crops Specific to Varying Agroecological Regions	\$ -	\$ -	\$ -	\$ -
95.33	22-140	Board of Regents of the University of Nebraska-Lincoln	Early warning: Monitoring for agricultural pests and disease vectors in western Nebraska	\$ -	\$ -	\$ -	\$ -
92.67	22-149	Creighton University	The Nebraska Sandhills – Preserving People and Places in the Last Prairie	\$ -	\$ -	\$ -	\$ -
91	22-154	Board of Regents of the University of Nebraska-Lincoln	Flame weeding in Dicamba-Tolerant soybeans to reduce use of DICAMBA herbicides and protect environment	\$ -	\$ -	\$ -	\$ -
90.17	22-218	Board of Regents of the University of Nebraska-Lincoln	Novel Removal of Per- and Poly-fluoroalkyl Substances (PFAS) from Landfill Leachate and Groundwater using Corn Cob Biochar	\$ -	\$ -	\$ -	\$ -
88.67	22-184	Board of Regents of the University of Nebraska-Lincoln	Flaming Alfalfa to Preserve Soil Health and Prevent Surface and Ground Water Degradation	\$ -	\$ -	\$ -	\$ -
Totals				\$ 3,965,980	\$ 2,614,538	\$ 1,379,387	\$ 7,959,905

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Statement of Intent 2020 Project Recommendations

Rating	App ID	Sponsor Name	Project Name	Year 3 (2022)
-	20-174-3	Beyond School Bells	Nebraska Youth Conservation Initiative	\$ 33,330
-	20-139-3	Board of Regents of the University of Nebraska-Lincoln	Improving statewide performance of conservation investments on Eastern redcedar invasions	\$ 81,690
-	20-183-3	Board of Regents of the University of Nebraska-Lincoln	StreamNet: Building capacity to improve water quality	\$ 11,202
-	20-157-3	Board of Regents of the University of Nebraska-Lincoln	Detecting Atrazine Dissipation and Evaluating Herbicide Programs without Atrazine for Weed Control in Corn and their Environmental Impact Quotient: Research and Extension	\$ 47,154
-	20-189-3	Board of Regents of the University of Nebraska-Lincoln	NE Farmers and Farmland Owners Attitudes of Targeted Conservation	\$ 42,448
-	20-175-3	Lewis and Clark NRD	Bow Creek Watershed Project	\$ 44,345
-	20-162-3	Lower Big Blue NRD	Turkey Creek Watershed & Source Water Protection	\$ 75,000
-	20-111-3	Lower Loup NRD	Cover Crop Utilization and Nutrient Management	\$ 35,000
-	20-150-3	Middle Niobrara NRD	Sandhills Interactive Natural Resources Education Complex (SINREC)	\$ 158,000
-	20-219-3	National Wild Turkey Fed.	Forest Stand Restoration on Pine Ridge WMA	\$ 75,643
-	20-103-3	NE Academy of Sciences, Inc.	Nebraska Environmental Public Information and Education Minigrant Program	\$ 60,580
-	20-171-3	NE Game & Parks Commission	Rainwater Basin Wetland Management	\$ 75,000
-	20-101-3	NE State Irrigation Association	Water Leaders Academy in Nebraska	\$ 56,854
-	20-115-3	Northeast NE RC&D	Early Detection & Integrated Management of Invasives	\$ 39,040
-	20-153-3	Northern Prairies Land Trust	Extending the Tallgrass Prairie Partnership	\$ 50,000
-	20-148-3	Platte River Whooping Crane	Big Bend of the Platte River Partnership for Habitat Preservation	\$ 1,675
-	20-204-3	Sandhills Task Force	Sandhills Conservation Partnerships-Grassland & Wetland	\$ 24,000
-	20-179-3	Spring Creek Prairie Audubon	Launching Spring Creek Prairie as a Demonstration Site for Tallgrass Prairie Conservation - Denton Hills	\$ 112,171
-	20-127-3	The Nature Conservancy	Increase Fire Capacity & Rangeland Impact - Sandhills	\$ 60,388

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Rating	App ID	Sponsor Name	Project Name	Year 3 (2022)
-	20-116-3	Trailblazer RC&D	Electronics Recycling Events	\$ 43,150
-	20-143-3	Trailblazer RC&D	Household Hazardous Waste Collection & Recycling	\$ 40,350
-	Projects carried forward - previously rated		Total	\$1,167,020

Statement of Intent 2021 Project Recommendations

Rating	App ID	Sponsor Name	Project Name	Year 2 (2022)	Intent Year 3
-	21-158-2	NE Department of Natural Resources	Integrated Water Management Action Initiative	\$ 3,300,000	\$ 3,300,000
-	21-177-2	Loess Canyon Rangeland Alliance	Loess Canyon Grassland Stewardship	\$ 230,000	\$ -
-	21-148-2	Northern Prairies Land Trust	Enhancing Nebraska's Oak Woodlands	\$ 165,000	\$ -
-	21-215-2	Sandhills Task Force	Sandhills Working Ranch Conservation Partnership	\$ 50,000	\$ -
-	21-197-2	NE Game and Parks Commission	Connecting Students to their Water Resources in Nebraska	\$ 17,650	\$ -
-	21-122-2	Pheasants Forever, Inc.	Pathway For Wildlife, Ranchers, Farmers, and Communities	\$ 236,700	\$ -
-	21-201-2	NE Game and Parks Commission	Wagon Train Reservoir Wetland and Water Quality Enhancement Project	\$ 50,000	\$ -
-	21-216-2	Board of Regents of the University of Nebraska-Lincoln	Niobrara River Ecology and Education	\$ 210	\$ -
-	21-205-2	Rocky Mountain Bird Observatory	Connecting Youth and Families to the Natural World in the Nebraska Panhandle	\$ 38,925	\$ -
-	21-144-2	Habitat for Humanity of Omaha	Habitat Omaha ReStore Deconstruction Project	\$ 250,000	\$ -
-	21-147-2	Rainwater Basin Joint Venture	Enhancing Groundwater Recharge and Habitat through Rainwater Basin Wetland Conservation	\$ 172,500	\$ -
-	21-211-2	Board of Regents of the University of Nebraska-Lincoln	NE Master Naturalist - Engaging Nebraska's Youth as Naturalists	\$ 71,630	\$ -
-	21-193-2	Ducks Unlimited, Inc.	Restoring Western Alkali and Riparian Wetlands	\$ 40,000	\$ -
-	21-218-2	The Nature Conservancy	Connecting Nebraskans to Nature: Trails Development and Enhancements	\$ 28,349	\$ -
-	21-162-2	Board of Regents of the University of Nebraska-Lincoln	Assessment of Greenhouse Gas Sequestration Resources in Districts 5, 6 and 7 to Improve Carbon Management Opportunities in Nebraska	\$ 118,438	\$ -
-	Projects carried forward - previously rated		Total	\$ 4,769,402	\$ 3,300,000