



Ranking Pool Report

Ranking FY24 NH - AMA High Tunnel System &
Pool: Irrigation

Program: AMA

Pool Status: Active

States: NH (Admin)

Template: AMA National Ranking Template - Amended
 October 2023

Template Status: Active

Last Modified By: Stephanie Tidwell

Last Modified: 12/11/2023

Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
Crop	--	--	--	--	--	--	--	--	--	--
Farmstead	--	--	--	N/A	N/A	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Concentrated erosion	0	15	100
Degraded plant condition	0	10	35
Field pesticide loss	0	10	35
Field sediment, nutrient and pathogen loss	0	10	35
Pest pressure	0	10	35
Soil quality limitations	0	10	35
Source water depletion	0	15	35
Weather resilience	0	10	35
Wind and water erosion	0	10	35

Concentrated erosion			
Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	30	100
Classic gully erosion	0	35	100
Ephemeral gully erosion	0	35	100

Degraded plant condition			
Resource Concern	Min %	Default %	Max %

Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	0	50	100
Plant structure and composition	0	50	100

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	50	100
Pesticides transported to surface water	0	50	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	20	100
Nutrients transported to surface water	0	20	100
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	0	20	100
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	0	20	100
Sediment transported to surface water	0	20	100

Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	100	100	100

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	25	100
Compaction	0	35	100
Concentration of salts or other chemicals	0	--	100
Organic matter depletion	0	35	100
Soil organism habitat loss or degradation	0	5	100

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	35	100
Inefficient irrigation water use	0	35	100
Surface water depletion	0	30	100

Weather resilience

Resource Concern	Min %	Default %	Max %
Drifted snow	0	20	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	100

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	0	50	100
Wind erosion	0	50	100

Practices


Practice Name	Practice Code	Practice Type
High Tunnel System	325	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Irrigation Reservoir	436	Conservation Practices
Irrigation System, Microirrigation	441	Conservation Practices
Sprinkler System	442	Conservation Practices
Irrigation System, Surface and Subsurface	443	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Mulching	484	Conservation Practices
Pumping Plant	533	Conservation Practices
Roof Runoff Structure	558	Conservation Practices
Water Well	642	Conservation Practices

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	10	10	40
Planned Practice Effects	Adjustment (D)	15	15	15
Resource Priorities	Default	20	55	60

Factors	Algorithm	Allowable Min	Default	Allowable Max
Program Priorities	Default	5	10	15
Efficiencies	Default	10	10	10

Display Group: FY24 NH - AMA High Tunnel System & Irrigation DG (Active)

 An asterisk will be displayed to show that it is a conditional section or conditional question.

Survey: Applicability Questions

Section: Applicability		
Question	Answer Choices	Points
Does this AMA application include one of the listed core practices?	Yes	--

Survey: Category Questions

Section: Category		
Question	Answer Choices	Points
Is this application being considered for funding in New Hampshire?	Yes, Statewide	--

Survey: Program Questions

Section: Program		
Question	Answer Choices	Points
Does the application intersect a source water protection watershed by at least 50% and includes a Source Water Protection (Wp) practice as indicated on the Practice Schedule? Intersect a source water protection watershed by at least 50%	Intersect a source water protection watershed by at least 50%	25
	Otherwise	--
Is 51% of the land in this application within a New England Cottontail Focus Area & included conservation practice code 314 645, 647, or 666.	51% of the land in this application within a New England Cottontail Focus Area & included conservation practice code 314 645, 647, or 666.	25
	Otherwise	--
Is 51% of the land in this application within a Turtle Habitat Focus Area & includes conservation practice code 391, 395, 396, 500, 528, 644, 647, or 655?	51% of the land in this application within a Turtle Habitat Focus Area & includes conservation practice code 391, 395, 396, 500, 528, 644, 647, or 655?	25
	Otherwise	--
Does the applicant meet the NRCS definition of a veteran farmer/rancher?	YES	20
	NO	--

Survey: Resource Questions

Section: Resource

Question	Answer Choices	Points
(Select ONE): How comprehensive is the system of practices being adopted through the implementation of primary practices, as listed on the CART Summary Report?	1 primary conservation practice (25 pts)	25
	2 primary conservation practices (50 pts)	50
	3 primary conservation practices (75 pts)	75
	4 primary conservation practices (100 pts)	100
Does the EQIP schedule of operations include practices that will improve the efficiency of an existing irrigation system, conserve soil moisture, or both, through the implementation of conservation practices (336, 441, 484, 449)	YES	15
	NO	--
Does the application include the practice 325 High Tunnel System?	YES	30
	NO	--
Does the application includes practices to address conservation of ground and surface water resources?	YES	50
	NO	--
Does this application include practices to address soil erosion on agricultural land?	YES	50
	NO	--
Does the application address at least 1 State Priority Resource Concern?	YES	15
	NO	--