

FY2021 EQIP Soil Health

Soil Health Applicability Question

1. Do practices in the application address soil health or soil erosion?

Soil Health Category Question

1. Is the land included in the application, located primarily in the state of Massachusetts?
 - a. Massachusetts
 - b. Otherwise

Soil Health Program Questions

1. Is the land included in the application located within the MA Source Water Protection Area?
 - a. Source Water Protection Area
 - b. Otherwise
2. Will this application facilitate local food production marketed within what specified radius from the operation?
 - a. Less than 50 miles
 - b. 50 to 100 miles
 - c. More than 100 miles

Soil Health Resource Questions

1. Will the proposed project increase the Soil Conditioning index by:
 - a. More than 0.5 units
 - b. 0.25 – 0.5 units
 - c. 0.15 – 0.24 units
 - d. Less than 0.15 units
2. What practices are included in this application?
 - a. Residue and Tillage Management, No Till (329)
 - b. Adaptive Management for Cover Crop (340) or Residue and Tillage Management (329/345)
 - c. Conservation Crop Rotation (328) AND Cover Crop (340)
 - d. Multi-species Cover Crop (340) and the participant will not be harvesting the cover crop
 - e. Critical Area Planting (342) or Mulching (484) to stabilize field erosion
3. Residue and Tillage Management (329 or 345) is planned to be implemented on what percentage of the annual cropland operated by the applicant?
 - a. At least 40 percent of the acres
 - b. 20 to 40 percent of the acres
 - c. Less than 20 percent of the acres
4. Does the application include practices to address surface or ground water resource concerns?
5. What percent of the enrolled acres are located in a 303D listed impaired water ¼ mile buffer, surface water zones A-B, or are within a Wellhead protection zone 2 or IWPA?
 - a. More than 75 percent
 - b. 50 – 75 percent
 - c. Less than 50 percent
6. Do the practices reduce leaching of contaminants to a identified aquifer or reduce contaminates in surface water runoff to a water feature?

Soil Health Practices

Access Control (472)
Access Road (560)
Agrichemical Handling Facility (309)
Aquatic Organism Passage (396)
Brush Management (314)
Channel Bed Stabilization (584)
Clearing and Snagging (326)
Conservation Cover (327)
Conservation Crop Rotation (328)
Contour Buffer Strips (332)
Contour Farming (330)
Cover Crop (340)

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Critical Area Planting (342)
Deep Tillage (324)
Dike (356)
Diversion (362)
Early Successional Habitat Development (647)
Fence (382)
Field Border (386)
Filter Strip (393)
Fish Raceway or Tank (398)
Forage Harvest Management (511)
Grade Stabilization Structure (410)
Grassed Waterway (412)
Heavy Use Area Protection (561)
Hedgerow Planting (422)
Herbaceous Weed Treatment (315)
Lined Waterway or Outlet (468)
Mulching (484)
Nutrient Management (590)
Obstruction Removal (500)
Open Channel (582)
Pasture and Hay Planting (512)
Pest Management Conservation System (595)
Residue and Tillage Management, No Till (329)
Residue and Tillage Management, Reduced Till (345)
Restoration of Rare or Declining Natural Communities (643)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Road/Trail/Landing Closure and Treatment (654)
Sediment Basin (350)
Soil Carbon Amendment (808)
Soil Testing (216)
Stormwater Runoff Control (570)
Stream Crossing (578)
Stream Habitat Improvement and Management (395)
Streambank and Shoreline Protection (580)
Stripcropping (585)
Structure for Water Control (587)
Subsurface Drain (606)
Terrace (600)
Trails and Walkways (575)
Tree/Shrub Establishment (612)
Tree/Shrub Site Preparation (490)
Underground Outlet (620)
Upland Wildlife Habitat Management (645)
Water and Sediment Control Basin (638)
Wildlife Habitat Planting (420)
Windbreak/Shelterbelt Establishment (380)

Soil Health Priority Resource Concerns/Resource Concern Categories

Concentrated Erosion
Degraded Plant Condition
Field Pesticide Loss
Field Sediment, Nutrient, and Pathogen Loss
Soil Quality Limitations
Weather Resilience
Wind and Water Erosion