

Environmental Quality Incentives Program

2013 EQIP Signup

Minnesota Supplement for:
Practice Standard 600 – Terraces

Supplemental Criteria

1. Upland Treatment is required. See **General Provision 8**.

Scenarios

Broadbased, Small less than 24 ft frontslope

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths, and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a broadbase terrace storing runoff with a length of 1,500 feet, frontslope of 24 ft or less, and side slopes of 8:1 or flatter in a field with slopes from 2% to 8% constructed in loam soils or similar in regards to workability. Runoff is stored and handled with an underground outlet. Costs include all equipment and forces necessary to excavate, shape, and compact terrace. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Broadbase, Large 24 ft or more frontslope

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths, and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a broadbase terrace storing runoff with a length of 1,500 feet, frontslope of more than 24 ft, and typically side slopes of 8:1 or flatter in a field with slopes from 2% to 8% constructed in loam soils or similar in regards to workability. Runoff is stored and handled with an underground outlet. Costs include all equipment and forces necessary to excavate, shape, and compact terrace. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Grassed Backslope

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a system of terraces (1,500 feet in length and approximately 2.5 ft in average height) that have one relatively flat (5:1) slope and one steep (2:1) slope constructed in a field with slopes from 2% to 8% installed in loam soils or similar soils in regards to workability. The steep slope is established to permanent vegetation with the flatter slope farmed. A stable outlet is provided in the form of an Underground Outlet. Costs include all equipment and forces necessary to strip the base, place fill, shape, compact terrace and spread topsoil. Seeding is not included. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Narrow Base greater than 8 percent

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a system of narrow base terraces with 2:1 slopes, 1,500' length, and 3.5' height in a field with slopes exceeding 8% constructed in loam soils or similar in regards to workability. A stable outlet is provided in the form of a Grassed Waterway or Underground Outlet. Costs include all equipment and forces necessary to excavate, shape, and compact terrace. Permanent vegetation is established. Seeding is not included. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Narrow Base 8 percent or less

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a system of narrow base terraces with 2:1 slopes, 1,500' length, and 3.5' height in a field with slopes from 3% to 8% constructed in loam soils or similar in regards to workability. A stable outlet is provided in the form of an Underground Outlet. Costs include all equipment and forces necessary to excavate, shape, and compact terrace. Permanent vegetation is established. Seeding is not included. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Graded, Broadbase

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a system of broadbase terraces with 8:1 slopes, 1,500' length, and 2' height in a field with loam soils or similar in regards to workability. A stable outlet is provided in the form of a Grassed Waterway. Costs include all equipment and forces necessary to excavate, shape, and compact terrace. Permanent vegetation is established. Seeding is not included. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Graded, Other

An earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a system of narrow base or grassed backslope terraces with approximately 2:1 slopes, 1,500' length, and 1.5' height in a field with loam soils or similar in regards to workability. A stable outlet is provided in the form of a Grassed Waterway. Costs include all equipment and forces necessary to excavate, shape, and compact terrace. Permanent vegetation is established. Seeding is not included. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.

Terrace Rehab

Rehabilitation of a terrace which has exceeded its lifespan and requires rehabilitation to continue functioning. Consists of an earthen embankment with channel constructed across the field slope as part of a system to shorten slope lengths and reduce sheet, rill, and gully erosion in a cropped field. The typical installation is a system of terraces that have exceeded their useful life and need to be reshaped. The work involves substantial rework of the embankment and channel which exceeds routine maintenance needs. Costs include all equipment and forces necessary to rework,

shape, and compact terrace. Permanent vegetation is established if needed. Seeding is not included. This practice addresses Concentrated Flow Erosion and Excessive Sediment in surface waters.