

NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD

SURFACE ROUGHENING

(acre)
CODE 609

DEFINITION

Roughening the soil surface by ridge or clod-forming tillage.

PURPOSE

To reduce wind erosion on cultivated land, especially during periods of high probability for erosive winds.

CONDITIONS WHERE PRACTICE APPLIES

On soils that have a surface layer suitable for clod formation or ridging and have high potential for wind erosion due to lack of vegetative cover.

PLANNING CONSIDERATIONS

General information applicable to planning or applying the practice may be included.

Water Quantity

1. Effects on the water budget, especially on volumes and rates of runoff and infiltration.

Water Quality

1. Effects on erosion and the movement of soil and soil-attached substances by wind.
2. Effects on erosion and the movement of sediment, and soluble and sediment-attached substances carried by runoff.

SPECIFICATIONS GUIDE

Specify methods, time of tillage, and suitability of soils.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resources Conservation Service.