

Conservation Security Program

Air Resource Management Enhancement



Natural Resources Conservation Service
United States Department of Agriculture

Minnesota, 2006

Encourage the use of cross wind trap strips to control dust and pesticide drifts

Definition

A cross wind trap strip is herbaceous cover that is resistant to wind erosion and is established in one or more strips across the prevailing wind erosion direction.

Purpose

The purpose of the enhancement is to improve air quality by reducing soil erosion from wind.

Where Used

This practice is used on cropland fields where wind erosion is a resource concern.

Operation and Maintenance

Perennial trap strips shall be fertilized as needed to maintain plant vigor. Weeds shall be controlled with mowing or herbicides. Mowing or grazing shall be managed to allow re-growth to the planned height before periods when wind erosion or crop damage is expected to occur.

Wind borne sediment that is accumulated shall be removed when the accumulations exceed 6 inches in depth. Reseed any disturbed areas as needed to maintain plant density and height. See Minnesota NRCS Practice Standard 589C for operation and maintenance.

Payment Rate

The payment rate for this enhancement is an annual per acre payment. The payment is made on the acres in the cross wind trap strips.

Documentation Required

Provide a map with the location of the fields where the cross wind trap strips are located and the length and width of each cross wind trap strip.

I certify that, to the best of my knowledge, the above information is correct and that, if requested, I will provide additional documentation to support the above information.

Signature: _____ **Date:** _____