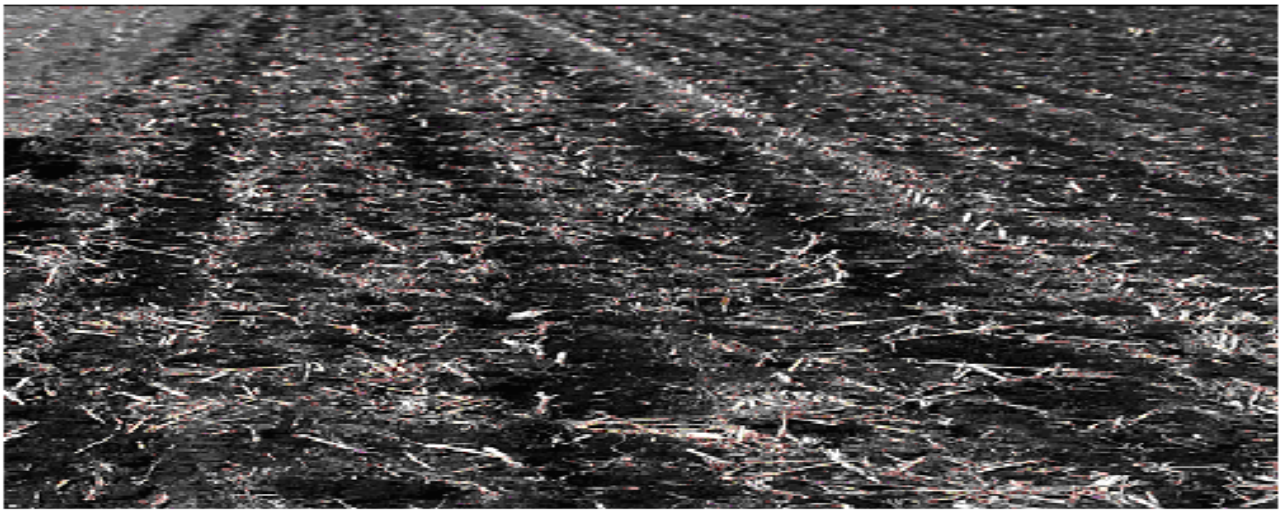
United States Department of Agriculture

NRCS Natural Resources Conservation Service

Cross Wind Ridges

Conservation Practice Job Sheet FL-589A-JS

Natural Resources Conservation Service, Florida **February 2008**



Cross Wind Ridges on cropland

Cross wind ridges are strips of roughened soil caused by tillage, planting or other operations. These strips are established perpendicular to the wind direction. The main purpose of these ridges is to reduce soil erosion from wind.

Cross wind ridges are located on cropland. Ridges are best formed on soils that are stable enough to sustain cloddiness to cause sufficient soil roughening to control wind erosion. Ridge roughness K values should be equal to 0.8 or less when wind erosion is occurring.

Cross wind ridges are normally established concurrently with other practices as part of a resource management system for a conservation management unit. Examples include residue management practices and cross wind trap strips. Practicing residue management within the field can help reduce the movement of wind-borne soil particles. Cross wind ridges can help reduce the movement of soil particles by creating a rough soil surface that is resistant to erosion by wind.

Site-specific requirements are listed on the specifications sheet. Specifications included in this job sheet are prepared in accordance with the Florida NRCS Field Office Technical Guide and the Florida NRCS Conservation Practice Standard, Cross Wind Ridges, Code 589A.

Operation and maintenance of the cross wind ridges should include periodic inspections for ridge height and roughness. Ridges should be maintained during wind erosion periods or until vegetation is established enough to protect the soil from erosion. Certification of this practice can be done by completing the applied columns.

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Natural Resources Conservation Service, Florida February 2008

CROSS WIND RIDGES SITE SPECIFIC SHEET

Land User:	County:	Date:
Farm #:	Tract #:	Field # (s):
Field, WEG #:		

Purpose (check all that apply) Text

☐ Reduce erosion from wind

☐ Other, specify:

Ridges

	Planned	Applied
1. Height		
2. Spacing		
3. Direction of ridges		

Additional requirements:

Operation and Maintenance

Additional Specifications and Notes:

As applied does this practice meet NRCS specifications? ☐ **Yes** ☐ **No**

Certified By:	**Date:**

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