

588 – Cross Wind Ridges Implementation Requirements

Cross wind ridges will address the following purpose(s):

- Reduce soil erosion from wind.
- Protect growing crops from damage by wind-borne soil particles
- Reduce soil particulate emissions affecting air quality.

Site Information

Erosive Wind Direction:	
Critical Wind Period:	

Cross Wind Ridges Design

Field No.	Soil Map Unit	Crop	Soil Loss T or Crop Tolerance ¹	Ridging Operation ²	Ridge Time Period ³	Ridge Height (inches) ⁴	Ridge Spacing (inches) ⁵

¹ List map unit T soil loss tolerance or crop tolerance to wind (see NAM Table 502-4).

² List the operation that will create ridge.

³ List the erosive time period that ridges are present.

⁴ List the planned ridge height.

⁵ List the design ridge spacing.

Operation and Maintenance:

- Established or reestablished ridges using equipment such as chisel plows, drills with hoe openers, or other implements that form effective ridges.
- After establishment, maintain ridges through those periods when wind erosion is expected to occur, or until growing crops provide enough cover to protect the soil from erosion.
- If ridges become ineffective reestablish unless doing so would damage a growing crop.
- Other: