

330 Contour Farming NJ Implementation Requirements

Producer: _____	Project or Contract: _____
Location: _____	County: _____
Farm Name: _____	Tract Number: _____
Farm	
Number: _____	Field Number: _____

Practice Location

The practice location is represented on the Conservation Plan Map or Practice Detail Map. The practice is represented by the following symbol and corresponding name in the map legend:

Symbol: _____

Name in Legend: _____

.....

_____ The practice location is represented on the attached design.

Description of Work:

Conduct farming operations as perpendicular to the slope of the land as possible to change the direction of the runoff from running down sloped areas to run along sloped areas. This will create ridges and/or furrows within the rows of the field that will control runoff and increase water infiltration. The contour baselines, correction areas, and stable outlets for concentrated flow are represented on the map.

Index

- _____ Cover Sheet
- _____ Specifications
- _____ Drawings
- _____ N/A Cost Estimate and Bid Form
- _____ Operation & Maintenance
- _____ Certification Documentation
(when practice is implemented)
- _____ Other:



Know what's below.
Call before you dig.

**Utility Safety /
One-Call
System
Information:**

N/A

The Practice Purpose(s):

- _____ Reduce sheet and rill erosion
- _____ Reduce transport of sediment, other solids, and the contaminants attached to them
- _____ Reduce transport of contaminants found in solution runoff
- _____ Increase water infiltration

Specifications:

Site Planning Conditions for the Dominant Critical Soil Map Unit/Component			
Planning Map Unit/Component	Planning Slope %	Planning Slope Length (ft)	Percent Absolute Contour Row Grade Planned

Maximum and Minimum Contour Row Grades	
<p>Minimum Contour Row Grade (Percent)</p> <p>The crop rows shall have sufficient grade to ensure that runoff water does not pond and cause unacceptable crop damage.</p>	<p>Maximum Contour Row Grade (Percent)</p> <p>The maximum row grade shall not exceed: (a) ½ of the up-and-down hill-slope percent used for conservation planning, or (b) 10 percent, whichever is less. Up to a 25 percent deviation from the design row grade is permitted within 150 feet of a stable outlet.</p>

Minimum Ridge Heights and In-Row Plant Spacing		
Row spacing greater than 10 inches	Row spacing 10 inches or less	No-Tillage Planting
The minimum ridge height shall be 2 inches during the period of the rotation that is most vulnerable to sheet and rill erosion (RUSLE2)	The minimum ridge height shall be 1 inch for close-grown crops, such as small grains. Plant height shall be at least 6 inches high and the spacing between the plants within the row shall not be greater than 2 inches during the time the soil is most vulnerable to sheet and rill erosion	No minimum ridge height

Correction Areas: Where field operations begin to converge between non-parallel contour baselines, establish a correction area that either is permanently in sod or established next to an annual close-grown crop.

Operation and Maintenance:

- Perform all tillage and planting operations parallel to contour baselines or terraces, diversions, or contour buffer strip boundaries where these practices are used, provided the applicable row grade criteria are met.

- Where terraces, diversions, or contour buffer strips are not present, maintain contour markers on grades that, when followed during establishment of each crop, will maintain crop rows at designed grades. Contour markers may be field boundaries, a crop row left untilled near or on an original contour baseline or other readily identifiable, continuous, lasting marker. All tillage and planting operations shall be parallel to the established marker. If a marker is lost, reestablish a contour baseline within the applicable criteria set forth by this standard prior to seedbed preparation for the next crop.

- Farming operations should begin on the contour baselines and precede both up and down the slope in a parallel pattern until patterns meet. Where field operations begin to converge between two non-parallel contour baselines, establish a correction area that either is permanently in sod, established to an annual close-grown crop.

- Where contour row curvature becomes too sharp to keep machinery aligned with rows during field operations, establish sod turn strips on sharp ridge points or other odd areas as needed.

330 Contour Farming Practice Certification			
Tract Number(s):			
Field Number(s):			
Checked Out By:		Date:	
Signature:			
Reviewed By:		Date:	
Signature:			
Total Planned Acres:		Total Applied Acres:	
<input type="checkbox"/>	Photos attached	<input type="checkbox"/>	Location Marked on Map

This practice was implemented according to the signed Conservation Plan and/or Implementation Requirements. The practice meets the Standards and Specifications and/or any additional requirements set forth in state policy needed to meet the criteria for the planned purpose(s) of the practice. The Operation and Maintenance requirements of the practice have been effectively communicated to the client and prompt follow through is reasonably expected.

This practice was not implemented according to the signed Conservation Plan and/or Implementation Requirements. The inconsistencies with the Conservation Plan and/or Implementation Requirements of the practice are acceptable and the practice meets the Standards and Specifications and/or any additional requirements set forth in state policy. The inconsistencies listed below have been found, however, the requirements of the practice and its intended function are still being met.

This practice was not implemented according to the specifications in the signed Conservation Plan/and or Implementation Requirements. The deficiencies of the practice are not acceptable and do not meet the Standards, Specifications, and/or any additional requirements set forth in state policy. The following deficiencies are listed below: