USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

WY-ECS-331
Contour Orchards and Other Perennial Crops Job Sheet

Producer: _____ **Project or Contract:** _____

Location: _____ **County:** _____

Farm Name: _____ **Tract Number:** _____

Practice Location Map

(showing detailed aerial view of where practice is to be installed on farm/site, showing all major components, stationing, relative location to any landmarks, and survey benchmarks)

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____ Cover Sheet

____ Specifications

____ Drawings

____ Cost Estimate and Project Bid Form

____ Operation & Maintenance

Utility Safety / One-Call System Information

On the map, delineate the contour baseline(2) and stable outlets for concentrated flow.

Description of work:

NRCS Review Only

Designed By:		**Date:**	
Checked By:		**Date:**	
Approved By:		**Date:**	

The Practice Purpose(s):

__ Reduce sheet and rill erosion.

__ Reduce transport of sediment, other solids, and the contaminants attached to them.

__ Increase water infiltration.

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

Maximum and Minimum Contour Row Grades	
Minimum Contour Row Grade (Percent)	**Maximum Contour Row Grade (Percent)**
The crop rows shall have sufficient grade to ensure that runoff water does not pond and cause unacceptable crop damage.	The maximum row grade shall not exceed: (a) one-half 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.

OPERATION AND MAINTENANCE

__ Perform all cultural operations between tree or vine rows on or near the contour.

__ Periodically inspect and make repairs to runoff water outlets.

__ Protect uphill and downhill farm roads from erosion.

__ Maintain adequate vegetation to control erosion.