

Cooperator _____ Date _____

Tract/Field number _____ Percent land slope used for conservation planning _____

Buffer System - Maximum allowable row grade _____ Minimum allowable row grade _____

Purpose (check all that apply)	
<input type="checkbox"/>	Reduce sheet and rill erosion
<input type="checkbox"/>	Reduce transport of sediment and other water-borne contaminants downslope
<input type="checkbox"/>	Increase water infiltration

Layout	Strip 1	Strip 2	Strip 3	Strip 4
Cultivated strip width (feet)				
Buffer strip width (feet)				
Buffer strip length (feet)				
Area in buffer strip (acres)				

Seeding/Plant Materials - See the attached CO-ECS-5 Worksheet, Grass Seeding Planned and Applied

Soil Amendments and Fertilization - See the attached Nutrient Management, CO 590 Job Sheet

Weed/Pest Management - See the attached Pest Management, CO 595 Job Sheet

Operation and Maintenance

1. Conduct all farming operations parallel to the strip boundaries except on headlands or end rows with gradients less than the standard criteria.
2. Time mowing of buffer strips to maintain appropriate vegetative density and height for optimum trapping of sediment from the upslope cropped strip during the critical erosion period.
3. Fertilize buffer strips as needed to maintain stand density.
4. Mow sod turn strips and waterways at least once a year.
5. Spot seed or totally renovate buffer strip systems damaged by herbicide application after residual action of the herbicide is complete.
6. Redistribute sediment that accumulates along the upslope edge of the buffer strip/crop strip interface as needed. The sediment shall be spread evenly upslope over the cultivated strip when needed to maintain uniform sheet flow along the buffer/cropped strip interface.
7. If sediment accumulates just below the upslope edge of the buffer strip to a depth of 6 inches or more, or stem density falls below specified amounts in the buffer strip, relocate the buffer/cropped strip interface location.
8. Cultivated strips and buffer strips shall be rotated so that a mature stand of protective cover is achieved in a newly established buffer strip immediately below or above the old buffer strip before removing the old buffer to plant an erosion prone crop. Alternate the position of buffer strips to maintain their relative position on the hill slope.
9. Renovate vegetated headlands or end row area as needed to keep ground cover above 65 percent.

