

FILTER STRIP JOB SHEET

Producer: _____ **Assisted By:** _____

County: _____ **FSN:** _____ **Tract No.:** _____

Resource Concern: _____



Definition: A strip of area of permanent herbaceous vegetation situated between cropland, grazing land, or disturbed land (including forestland) and environmentally sensitive areas. The site can be planted to single species or as a mixture of two or more species.

Purpose: Filter strips can be designed to accomplish one or more of the following:

1. Reduce sediment, particulate organics, and sediment absorbed contaminate loading in runoff, including irrigation tailwater.
2. Reduce dissolved contaminant loading in runoff.
3. Serve as Zone 3 of a Riparian Forest Buffer-practice standard 391A.
4. Restore, create or enhance herbaceous habitat for wildlife and beneficial insects.
5. Maintain and enhance watershed values and functions.

Benefits: Filter strips should be designed as vegetative areas to treat runoff and are not part of the adjacent cropland rotation.

Where Practice Applies: The filter strip should be located on the downslope edge of a field or distributed area. The drainage area above the filter strip should have a slope greater than 1 percent and less than 10 percent. The minimum flow length to reduce dissolved contaminants including sediment is 30 feet.

Filter Strip Layout	Field #	Field #	Field #	Field #
Filter Strip Width (ft.)				
Filter Strip Length (ft.)				
Acres (ac.)				
Slope (%)				
Vegetative Species #1				
Vegetative Species #2				
Vegetative Species #3				
Seeding Rate (PLS, lbs/ac.)				
Lime (tons/ac.)				
N (lbs/ac.)				
P ₂ O ₅ (lbs/ac.)				
K ₂ O (lbs/ac.)				

Site Preparation: Prepare firm seedbed. Apply lime and fertilizer according to Extension Service recommendations.

Operations and Management: Maintain original width and depth of the vegetated area. Harvest, mow, reseed, and fertilize to maintain plant diversity, vigor, and to remove plant nutrients. Inspect after major storms, remove trapped sediment, and repair any eroding areas. Turn off pesticide sprayer when turning on a field border. Do not mow or harvest during the primary nesting season.

Establish stand of vegetation according to recommended seeding rate. If necessary, mulch newly planted seeded area with _____ tons per acre of _____ (mulching material). May seed small grain as a companion crop at the rate of _____ pounds per acre, but clip or harvest before it heads out.

See Plan Map or diagram below for location and sketch of border(s) in each field.

