

# Conservation Crop Rotation: Table 1 Summary of Effects to Atlantic Salmon

## Practice Information

The effects crop rotation have on the land varies with the soil type, crops produced, farming operations, and how the crop residue is managed. The most effective crops for soil improvement are fibrous rooted high residue producing crops such as grass and small grain. Perennial plants used for forage are very effective in crop rotations due to increases in organic matter and reduced soil erosion. In addition, crop rotations help break insect, disease and weed cycles.

Rotations add diversity to farm

operations and often reduce economic and environmental risks. Crop rotation is a low cost practice that often forms the basis for other conservation practices. Practices such as residue management, contouring, stripcropping, diversions, terraces and grassed waterways may not function properly without a planned crop.



Network Diagram Effect Number	Life cycle affected:	Effect on Essential Fish Habitat (EFH):	Essential Fish Habitat Conservation Measures (CMs):	Effect on EFH (with CMs):
D.7 Increase in wildlife food and cover	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No effect
D.8 Decrease in wind and water erosion	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No effect

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I.6 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No effect
C.2 Increase in quality of surface waters and aquatic habitats	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No effect
C.3 Increase in fishable, swimmable and drinkable waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No effect
C.4 Increase in habitat suitability; health for humans, domestic & wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No effect