

Cover crops

Cost-effectiveness					
Soil Organic Carbon			Total Greenhouse Gas Emissions		
High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact

The negative cost-effectiveness scores for cover crops arise due the additional seed and cultivation costs for these crops, in some instances there may also be displacement of winter crops that might not provide sufficient winter cover. However, these costs may be partially offset by reduced fertiliser costs for the following crop although we have not been able to establish the extent of these savings across all regions.

Barley

Denmark	+	--	--	+	--	--
Denmark (winter)	+	--	--	+	--	--
Denmark (spring)	++	--	--	++	--	--
Estonia	-	--	--	-	--	--
Finland	-	--	--	-	--	--
Germany	+	--	--	+	--	--
Greece	+	--	--	+	--	--
Ireland	+	--	--	+	--	--
Italy	--	--	--	--	--	--
Lithuania	-	--	--	-	--	--
Poland	-	--	--	-	--	--
Spain	++	-	--	++	-	--
United Kingdom	+	--	--	+	--	--
United Kingdom (winter)	--	--	--	--	--	--
United Kingdom (spring)	+	--	--	+	--	--

Common wheat

Bulgaria	-	--	--	-	--	--
Czech Republic	+	--	--	+	--	--
Denmark	+	--	--	+	--	--
Denmark (winter)	--	--	--	--	--	--
Denmark (spring)	++	--	--	++	--	--
Estonia	-	--	--	-	--	--
Finland	-	--	--	-	--	--
France	+	--	--	+	--	--
Germany	++	--	--	++	--	--
Greece	-	--	--	-	--	--
Hungary	-	--	--	-	--	--
Italy	--	--	--	--	--	--
Latvia	-	--	--	-	--	--
Lithuania	+	--	--	+	--	--
Poland	+	--	--	+	--	--
Poland (spring)	++	--	--	++	--	--
Romania	-	--	--	-	--	--
Spain	++	-	--	++	-	--
Sweden	+	--	--	+	--	--
United Kingdom	++	--	--	++	--	--

Durum wheat

France	+	--	--	+	--	--
Greece	-	--	--	-	--	--
Italy	--	--	--	--	--	--
Spain	++	-	--	++	-	--

Grain maize

France	++	--	--	++	--	--
Germany	++	--	--	++	--	--
Greece	++	--	--	++	--	--
Hungary	+	--	--	+	--	--
Italy	--	--	--	--	--	--
Italy (Tuscany)	--	--	--	--	--	--
Poland	+	--	--	+	--	--
Portugal	++	--	--	++	--	--
Romania	+	--	--	+	--	--
Slovakia	++	--	--	++	--	--
Spain	++	+	--	++	+	--
Spain (irrigated)	+++	+	--	+++	+	--

Legend High to very high positive Moderate positive Low positive No or negligible
 High to very high negative Moderate negative Low negative