

Min till

Gross margin without measure (€/ha)			Implementation costs (€/ha)					Gross margin with measure (€/ha)			Change in gross margin (€/ha)			Change in gross margin (%)		
Output (yield x price)	Operating costs	Gross margin	Investment	Operational	Displacement	Avoided	Net cost	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact

Barley																	
Denmark	875	774	101	0	43	0	-89	-46	232	130	62	131	29	-39	129	29	-39
Denmark (winter)	1395	327	1068	0	43	0	-89	-46	1246	1087	981	179	19	-87	17	2	-8
Denmark (spring)	1270	283	987	0	43	0	-89	-46	1153	1008	912	167	22	-75	17	2	-8
Estonia	351	265	86	0	77	0	-137	-60	181	139	111	95	53	25	111	62	30
Finland	492	593	-101	0	77	0	-155	-78	26	-33	-72	128	69	29	126	68	29
Germany	874	730	144	0	77	0	-197	-120	350	247	178	206	103	34	143	71	24
Greece	606	463	142	0	77	0	-215	-138	338	269	223	196	127	81	137	89	57
Hungary (winter)	502	411	91	0	60	0	-123	-63	200	144	107	109	54	17	120	59	18
Hungary (spring)	468	390	77	0	60	0	-123	-63	183	131	97	106	54	20	137	70	26
Ireland	1044	645	399	0	77	0	-225	-148	639	528	454	240	129	55	60	32	14
Italy	677	504	173	0	60	0	-123	-63	301	223	171	128	50	-2	74	29	-1
Lithuania	383	239	143	0	77	0	-131	-54	235	189	159	92	46	16	64	32	11
Poland	477	369	109	0	77	0	-167	-90	246	189	151	137	80	42	126	74	39
Spain	426	249	177	0	73	0	-85	-11	230	180	146	53	3	-31	30	2	-17
Spain (rainfed)	578	299	279	0	73	0	-85	-11	595	547	515	316	268	236	113	96	85
Spain (irrigated)	878	462	416	0	73	0	-85	-11	921	843	792	505	428	376	122	103	91
United Kingdom	1019	731	288	0	43	0	-89	-46	428	315	240	140	27	-48	49	9	-17
United Kingdom (winter)	1295	784	511	0	43	0	-89	-46	666	535	448	155	24	-63	30	5	-12
United Kingdom (spring)	941	703	238	0	43	0	-89	-46	364	268	204	126	30	-34	53	13	-14

Common wheat																	
Denmark (winter)	1665	354	1311	0	43	0	-89	-46	1516	1326	1199	205	14	-113	16	1	-9
Denmark (spring)	1199	354	845	0	43	0	-89	-46	1004	869	779	158	24	-66	19	3	-8
Bulgaria	518	268	250	0	77	0	-140	-63	365	303	262	115	53	12	46	21	5
Czech Republic	701	493	207	0	77	0	-157	-80	357	273	217	149	66	10	72	32	5
Denmark	995	781	214	0	43	0	-89	-46	355	240	164	142	27	-50	66	13	-23
Estonia	379	321	59	0	77	0	-145	-68	165	119	89	106	61	30	181	103	52
Finland	544	702	-158	0	77	0	-164	-87	-16	-81	-125	142	76	33	90	48	21
France	1003	712	291	0	77	0	-170	-93	484	364	285	193	73	-6	66	25	-2
Germany	1148	728	420	0	77	0	-172	-95	629	492	401	209	72	-19	50	17	-5
Greece	512	407	106	0	77	0	-174	-97	254	193	152	149	87	46	141	83	44
Hungary	555	403	152	0	60	0	-123	-63	270	203	159	118	52	8	78	34	5
Hungary (winter)	581	428	153	0	60	0	-123	-63	271	205	161	118	52	8	77	34	5
Italy	937	620	317	0	60	0	-123	-63	470	362	290	153	45	-27	48	14	-9
Latvia	531	432	99	0	77	0	-143	-66	218	154	112	119	56	13	121	56	14
Lithuania	591	392	198	0	77	0	-130	-53	311	240	193	112	42	-6	57	21	-3
Poland	734	489	245	0	77	0	-161	-84	402	314	255	157	69	11	64	28	4
Romania	536	300	236	0	77	0	-162	-85	374	310	268	138	74	32	59	31	13
Spain	587	299	289	0	73	0	-85	-11	358	289	242	69	0	-47	24	0	-16
Sweden	770	663	107	0	77	0	-169	-92	275	184	123	169	77	16	158	72	15
United Kingdom	1200	821	379	0	43	0	-89	-46	542	401	308	163	23	-71	43	6	-19
United Kingdom (winter)	1528	871	657	0	43	0	-89	-46	835	677	571	178	20	-86	27	3	-13

Durum wheat																	
France	996	776	220	0	77	0	-174	-97	416	297	218	196	77	-2	89	35	-1
Greece	429	438	-9	0	77	0	-191	-114	148	97	63	157	106	71	1768	1190	805
Italy	820	514	306	0	60	0	-123	-63	449	353	289	143	47	-17	47	15	-6
Spain	506	309	197	0	73	0	-85	-11	259	198	158	62	1	-39	31	1	-20

Grain maize																	
France	1425	1074	350	0	77	0	-233	-156	648	478	364	298	127	14	85	36	4
Germany	1577	1007	570	0	77	0	-209	-132	860	671	545	290	101	-25	51	18	-4
Greece	2029	1172	858	0	77	0	-282	-205	1265	1022	860	408	165	2	48	19	0
Hungary	917	615	301	0	60	0	-123	-63	456	346	273	154	45	-29	51	15	-10
Hungary (central region)	923	568	355	0	60	0	-123	-63	503	401	333	148	46	-22	42	13	-6
Italy	1712	926	786	0	60	0	-123	-63	1019	815	679	233	29	-107	30	4	-14
Italy (Tuscany)	1375	1004	371	0	60	0	-123	-63	572	407	297	200	35	-75	54	10	-20
Poland	959	549	410	0	77	0	-149	-72	578	463	386	168	53	-23	41	13	-6
Portugal	1629	1016	613	0	77	0	-219	-142	918	723	593	304	110	-20	50	18	-3
Romania	812	401	411	0	77	0	-168	-91	583	486	421	172	75	10	42	18	3
Slovakia	1012	776	236	0	77	0	-188	-111	448	328	247	212	91	11	90	39	5
Spain	1796	822	974	0	73	0	-85	-11	1165	949	806	191	-25	-168	20	-3	-17

Residue management

	Gross margin without measure (€/ha)			Implementation costs (€/ha)					Gross margin with measure (€/ha)			Change in gross margin (€/ha)			Change in gross margin (%)		
	Output (yield x price)	Operating costs	Gross margin	Investment	Operational	Displacement	Avoided	Net cost	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact
Barley																	
Denmark	875	774	101	0	0	26	0	26	76	76	76	-26	-26	-26	-25	-25	-25
Denmark (winter)	1395	327	1068	0	0	69	0	69	999	999	999	-69	-69	-69	-6	-6	-6
Denmark (spring)	1270	283	987	0	0	63	0	63	924	924	924	-63	-63	-63	-6	-6	-6
Estonia	351	265	86	0	0	1	0	1	85	85	85	-1	-1	-1	-1	-1	-1
Finland	492	593	-101	0	0	0	0	0	-102	-102	-102	0	0	0	0	0	0
Germany	874	730	144	0	0	13	0	13	131	131	131	-13	-13	-13	-9	-9	-9
Greece	606	463	142	0	0	30	0	30	112	112	112	-30	-30	-30	-21	-21	-21
Hungary (winter)	502	411	91	0	0	39	0	39	52	52	52	-39	-39	-39	-43	-43	-43
Hungary (spring)	468	390	77	0	0	39	0	39	38	38	38	-39	-39	-39	-51	-51	-51
Ireland	1044	645	399	0	0	122	0	122	277	277	277	-122	-122	-122	-31	-31	-31
Italy	677	504	173	0	0	28	0	28	145	145	145	-28	-28	-28	-16	-16	-16
Lithuania	383	239	143	0	0	1	0	1	143	143	143	-1	-1	-1	0	0	0
Poland	477	369	109	0	0	2	0	2	107	107	107	-2	-2	-2	-2	-2	-2
Spain	426	249	177	0	0	5	0	5	172	172	172	-5	-5	-5	-3	-3	-3
Spain (rainfed)	578	299	279	0	0	113	0	113	166	166	166	-113	-113	-113	-41	-41	-41
Spain (irrigated)	878	462	416	0	0	123	0	123	292	292	292	-123	-123	-123	-30	-30	-30
United Kingdom	1019	731	288	0	0	80	0	80	209	209	209	-80	-80	-80	-28	-28	-28
United Kingdom (winter)	1295	784	511	0	0	208	0	208	304	304	304	-208	-208	-208	-41	-41	-41
United Kingdom (spring)	941	703	238	0	0	144	0	144	95	95	95	-144	-144	-144	-60	-60	-60
Common wheat																	
Denmark (winter)	1665	354	1311	0	0	78	0	78	1234	1234	1234	-78	-78	-78	-6	-6	-6
Denmark (spring)	1199	354	845	0	0	77	0	77	768	768	768	-77	-77	-77	-9	-9	-9
Bulgaria	518	268	250	0	0	1	0	1	249	249	249	-1	-1	-1	0	0	0
Czech Republic	701	493	207	0	0	2	0	2	205	205	205	-2	-2	-2	-1	-1	-1
Denmark	995	781	214	0	0	39	0	39	175	175	175	-39	-39	-39	-18	-18	-18
Estonia	379	321	59	0	0	0	0	0	59	59	59	0	0	0	0	0	0
Finland	544	702	-158	0	0	0	0	0	-158	-158	-158	0	0	0	0	0	0
France	1003	712	291	0	0	9	0	9	282	282	282	-9	-9	-9	-3	-3	-3
Germany	1148	728	420	0	0	5	0	5	415	415	415	-5	-5	-5	-1	-1	-1
Greece	512	407	106	0	0	0	0	0	106	106	106	0	0	0	0	0	0
Hungary	555	403	152	0	0	2	0	2	150	150	150	-2	-2	-2	-1	-1	-1
Hungary (winter)	581	428	153	0	0	33	0	33	120	120	120	-33	-33	-33	-22	-22	-22
Italy	937	620	317	0	0	36	0	36	280	280	280	-36	-36	-36	-12	-12	-12
Latvia	531	432	99	0	0	1	0	1	98	98	98	-1	-1	-1	-1	-1	-1
Lithuania	591	392	198	0	0	1	0	1	198	198	198	-1	-1	-1	0	0	0
Poland	734	489	245	0	0	2	0	2	243	243	243	-2	-2	-2	-1	-1	-1
Poland (winter)	2723	1014	1709	0	0	350	0	350	1359	1359	1359	-350	-350	-350	-20	-20	-20
Poland (spring)	2364	991	1373	0	0	330	0	330	1043	1043	1043	-330	-330	-330	-24	-24	-24
Romania	536	300	236	0	0	3	0	3	233	233	233	-3	-3	-3	-1	-1	-1
Spain	587	299	289	0	0	8	0	8	281	281	281	-8	-8	-8	-3	-3	-3
Spain (rainfed)	563	262	301	0	0	114	0	114	187	187	187	-114	-114	-114	-38	-38	-38
Spain (irrigated)	1028	453	574	0	0	104	0	104	471	471	471	-104	-104	-104	-18	-18	-18
Sweden	770	663	107	0	0	5	0	5	101	101	101	-5	-5	-5	-5	-5	-5
United Kingdom	1200	821	379	0	0	30	0	30	349	349	349	-30	-30	-30	-8	-8	-8
United Kingdom (winter)	1528	871	657	0	0	208	0	208	449	449	449	-208	-208	-208	-32	-32	-32
Durum wheat																	
France	996	776	220	0	0	6	0	6	214	214	214	-6	-6	-6	-3	-3	-3
Greece	429	438	-9	0	0	1	0	1	-10	-10	-10	-1	-1	-1	-14	-14	-14
Italy	820	514	306	0	0	20	0	20	286	286	286	-20	-20	-20	-7	-7	-7
Spain	506	309	197	0	0	2	0	2	195	195	195	-2	-2	-2	-1	-1	-1
Grain maize																	
France	1425	1074	350	0	0	5	0	5	345	345	345	-5	-5	-5	-1	-1	-1
Germany	1577	1007	570	0	0	3	0	3	568	568	568	-3	-3	-3	0	0	0
Greece	2029	1172	858	0	0	2	0	2	856	856	856	-2	-2	-2	0	0	0
Hungary	917	615	301	0	0	2	0	2	300	300	300	-2	-2	-2	-1	-1	-1
Hungary (central region)	923	568	355	0	0	74	0	74	281	281	281	-74	-74	-74	-21	-21	-21
Italy	1712	926	786	0	0	14	0	14	772	772	772	-14	-14	-14	-2	-2	-2
Italy (Tuscany)	1375	1004	371	0	0	0	0	0	371	371	371	0	0	0	0	0	0
Poland	959	549	410	0	0	1	0	1	409	409	409	-1	-1	-1	0	0	0
Portugal	1629	1016	613	0	0	7	0	7	606	606	606	-7	-7	-7	-1	-1	-1
Romania	812	401	411	0	0	4	0	4	407	407	407	-4	-4	-4	-1	-1	-1
Slovakia	1012	776	236	0	0	5	0	5	231	231	231	-5	-5	-5	-2	-2	-2
Spain	1796	822	974	0	0	2	0	2	972	972	972	-2	-2	-2	0	0	0

Cover crops

	Gross margin without measure (€/ha)			Implementation costs (€/ha)					Gross margin with measure (€/ha)			Change in gross margin (€/ha)			Change in gross margin (%)		
	Output (yield x price)	Operating costs	Gross margin	Investment	Operational	Displacement	Avoided	Net cost	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact
Barley																	
Denmark	875	774	101	100	22	0	0	122	149	-21	-106	48	-122	-207	47	-121	-205
Denmark (winter)	1395	327	1068	100	22	81	0	203	1130	865	732	62	-203	-336	6	-19	-31
Denmark (spring)	1270	283	987	100	22	0	0	122	1106	865	744	119	-122	-243	12	-12	-25
Estonia	351	265	86	92	21	0	0	113	43	-27	-62	-43	-113	-147	-50	-131	-172
Finland	492	593	-101	92	21	0	0	113	-116	-214	-263	-14	-113	-162	-14	-111	-159
Germany	874	730	144	92	21	0	0	113	203	31	-55	60	-113	-199	42	-78	-138
Greece	606	463	142	92	21	0	0	113	145	30	-28	3	-113	-170	2	-79	-119
Ireland	1044	645	399	92	21	0	0	113	471	286	194	72	-113	-205	18	-28	-51
Italy	764	437	327	139	30	427	0	596	-123	-269	-342	-450	-596	-669	-138	-182	-205
Lithuania	383	239	143	92	21	0	0	113	107	31	-7	-36	-113	-151	-25	-78	-105
Poland	477	369	109	92	21	0	0	113	91	-4	-51	-17	-113	-160	-16	-104	-147
Spain	426	249	177	31	0	0	-16	15	246	162	120	70	-15	-57	39	-8	-32
United Kingdom	1019	731	288	100	22	0	0	122	354	166	72	66	-122	-216	23	-42	-75
United Kingdom (winter)	1295	784	511	100	22	273	0	395	334	116	7	-178	-395	-504	-35	-77	-99
United Kingdom (spring)	941	703	238	100	22	0	0	122	276	116	36	38	-122	-202	16	-51	-85
Common wheat																	
Bulgaria	518	268	250	92	21	0	0	113	241	137	86	-9	-113	-164	-4	-45	-66
Czech Republic	701	493	207	92	21	0	0	113	234	95	25	27	-113	-182	13	-54	-88
Denmark	995	781	214	100	22	0	0	122	283	92	-4	69	-122	-218	32	-57	-102
Denmark (winter)	1665	354	1311	100	22	466	0	588	1041	723	565	-271	-588	-747	-21	-45	-57
Denmark (spring)	1199	354	845	100	22	0	0	122	948	723	611	102	-122	-234	12	-14	-28
Estonia	379	321	59	92	21	0	0	113	22	-54	-92	-37	-113	-150	-62	-192	-256
Finland	544	702	-158	92	21	0	0	113	-162	-270	-325	-4	-113	-167	-2	-71	-106
France	1003	712	291	92	21	0	0	113	377	178	79	86	-113	-212	30	-39	-73
Germany	1148	728	420	92	21	0	0	113	536	307	193	116	-113	-227	28	-27	-54
Greece	512	407	106	92	21	0	0	113	96	-7	-58	-10	-113	-164	-9	-107	-155
Hungary	555	403	152	92	21	0	0	113	150	39	-16	-2	-113	-168	-1	-74	-111
Italy	1024	598	426	139	30	427	0	596	25	-170	-268	-401	-596	-694	-94	-140	-163
Latvia	531	432	99	92	21	0	0	113	92	-14	-67	-7	-113	-165	-7	-114	-168
Lithuania	591	392	198	92	21	0	0	113	204	86	27	6	-113	-172	3	-57	-86
Poland	734	489	245	92	21	0	0	113	279	132	59	34	-113	-186	14	-46	-76
Poland (spring)	2364	991	1373	31	180	0	0	211	1568	1162	958	196	-211	-414	14	-15	-30
Romania	536	300	236	92	21	0	0	113	230	123	70	-6	-113	-166	-3	-48	-70
Spain	587	299	289	31	0	0	-18	13	392	276	218	103	-13	-71	36	-5	-25
Sweden	770	663	107	92	21	0	0	113	147	-6	-82	40	-113	-189	38	-106	-177
United Kingdom	1200	821	379	100	22	0	0	122	491	257	140	112	-122	-239	30	-32	-63
Durum wheat																	
France	996	776	220	92	21	0	0	113	306	107	8	86	-113	-212	39	-51	-96
Greece	429	438	-9	92	21	0	0	113	-36	-121	-164	-27	-113	-155	-304	-1267	-1748
Italy	734	440	295	139	30	427	0	596	-159	-302	-373	-454	-596	-667	-154	-202	-227
Spain	506	309	197	31	0	0	-15	16	282	181	131	85	-16	-66	43	-8	-34
Grain maize																	
France	1425	1074	350	92	21	0	0	113	522	238	96	171	-113	-254	49	-32	-73
Germany	1577	1007	570	92	21	0	0	113	773	458	301	202	-113	-270	35	-20	-47
Greece	2029	1172	858	92	21	0	0	113	1151	745	542	293	-113	-315	34	-13	-37
Hungary	917	615	301	92	21	0	0	113	372	189	97	70	-113	-204	23	-37	-68
Italy	1712	926	786	139	30	427	0	596	530	190	20	-256	-596	-766	-33	-76	-97
Italy (Tuscany)	1375	1004	371	139	30	427	0	596	50	-225	-362	-321	-596	-734	-86	-161	-198
Poland	959	549	410	92	21	0	0	113	489	297	201	79	-113	-208	19	-27	-51
Portugal	1629	1016	613	92	21	0	0	113	825	501	339	212	-113	-275	35	-18	-45
Romania	812	401	411	92	21	0	0	113	460	298	218	49	-113	-193	12	-27	-47
Slovakia	1012	776	236	92	21	0	0	113	325	124	23	89	-113	-213	38	-48	-90
Spain	1796	822	974	31	0	0	-43	-12	1344	986	806	370	12	-168	38	1	-17
Spain (irrigated)	2190	1107	1083	37	0	0	-69	-32	1553	1115	896	470	32	-187	43	3	-17

Crop rotations (with legumes)

	Gross margin without measure (€/ha)			Implementation costs (€/ha)					Gross margin with measure (€/ha)			Change in gross margin (€/ha)			Change in gross margin (%)		
	Output (yield x price)	Operating costs	Gross margin	Investment	Operational	Displacement	Avoided	Net cost	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact	High yield impact	Middle yield impact	Low yield impact
Barley																	
Denmark (winter)	1395	327	1068	0	0	0	-59	-59	1126	1126	1126	59	59	59	5	5	5
Denmark (spring)	1270	283	987	0	0	0	-48	-48	1034	1034	1034	48	48	48	5	5	5
Estonia	351	265	86	0	0	0	-34	-34	120	120	120	34	34	34	40	40	40
Finland	492	593	-101	0	0	0	-69	-69	-33	-33	-33	69	69	69	68	68	68
Germany	874	730	144	0	0	0	-64	-64	208	208	208	64	64	64	44	44	44
Greece	606	463	142	0	0	0	-64	-64	206	206	206	64	64	64	45	45	45
Hungary (winter)	502	411	91	0	0	0	-49	-49	140	140	140	49	49	49	54	54	54
Hungary (spring)	468	390	77	0	0	0	-31	-31	108	108	108	31	31	31	40	40	40
Ireland	1044	645	399	0	0	0	-86	-86	485	485	485	86	86	86	22	22	22
Italy	764	437	327	0	0	0	-33	-33	360	360	360	33	33	33	10	10	10
Lithuania	383	239	143	0	0	0	-35	-35	178	178	178	35	35	35	24	24	24
Poland	477	369	109	0	0	0	-54	-54	163	163	163	54	54	54	50	50	50
Spain	426	249	177	0	0	0	-35	-35	212	212	212	35	35	35	20	20	20
Spain (rainfed)	578	299	279	0	0	0	-57	-57	579	496	414	300	217	135	108	78	48
United Kingdom	1019	731	288	0	0	0	-80	-80	368	368	368	80	80	80	28	28	28
Common wheat																	
Denmark (winter)	1665	354	1311	0	0	0	-62	-62	1373	1373	1373	62	62	62	5	5	5
Denmark (spring)	1199	354	845	0	0	0	-62	-62	907	907	907	62	62	62	7	7	7
Bulgaria	518	268	250	0	0	0	-34	-34	284	284	284	34	34	34	14	14	14
Czech Republic	701	493	207	0	0	0	-46	-46	253	253	253	46	46	46	22	22	22
Estonia	379	321	59	0	0	0	-48	-48	107	107	107	48	48	48	82	82	82
Finland	544	702	-158	0	0	0	-81	-81	-77	-77	-77	81	81	81	51	51	51
France	1003	712	291	0	0	0	-94	-94	384	384	384	94	94	94	32	32	32
Germany	1148	728	420	0	0	0	-76	-76	496	496	496	76	76	76	18	18	18
Greece	512	407	106	0	0	0	-61	-61	166	166	166	61	61	61	57	57	57
Hungary	555	403	152	0	0	0	-43	-43	194	194	194	43	43	43	28	28	28
Hungary (winter)	581	428	153	0	0	0	-54	-54	207	207	207	54	54	54	35	35	35
Italy	1024	598	426	0	0	0	-52	-52	478	478	478	52	52	52	12	12	12
Latvia	531	432	99	0	0	0	-67	-67	166	166	166	67	67	67	68	68	68
Lithuania	591	392	198	0	0	0	-80	-80	279	279	279	80	80	80	40	40	40
Poland	734	489	245	0	0	0	-77	-77	322	322	322	77	77	77	31	31	31
Poland (winter)	2723	1014	1709	0	0	0	-226	-226	1935	1935	1935	226	226	226	13	13	13
Poland (spring)	2364	991	1373	0	0	0	-240	-240	1613	1613	1613	240	240	240	17	17	17
Romania	536	300	236	0	0	0	-28	-28	264	264	264	28	28	28	12	12	12
Spain	587	299	289	0	0	0	-38	-38	327	327	327	38	38	38	13	13	13
Spain (rainfed)	563	262	301	0	0	0	-44	-44	554	524	490	253	222	189	84	74	63
Spain (irrigated)	1028	453	574	0	0	0	-84	-84	658	658	658	84	84	84	15	15	15
Sweden	770	663	107	0	0	0	-91	-91	198	198	198	91	91	91	86	86	86
United Kingdom	1200	821	379	0	0	0	-84	-84	463	463	463	84	84	84	22	22	22
Durum wheat																	
France	996	776	220	0	0	0	-82	-82	302	302	302	82	82	82	37	37	37
Greece	429	438	-9	0	0	0	-56	-56	47	47	47	56	56	56	628	628	628
Italy	734	440	295	0	0	0	-44	-44	338	338	338	44	44	44	15	15	15
Spain	506	309	197	0	0	0	-33	-33	230	230	230	33	33	33	17	17	17
Grain maize																	
France	1425	1074	350	0	0	0	-123	-123	473	473	473	123	123	123	35	35	35
Germany	1577	1007	570	0	0	0	-100	-100	671	671	671	100	100	100	18	18	18
Greece	2029	1172	858	0	0	0	-140	-140	998	998	998	140	140	140	16	16	16
Hungary	917	615	301	0	0	0	-62	-62	363	363	363	62	62	62	20	20	20
Hungary (central region)	923	568	355	0	0	0	-36	-36	391	391	391	36	36	36	10	10	10
Italy	1712	926	786	0	0	0	-95	-95	882	882	882	95	95	95	12	12	12
Poland	959	549	410	0	0	0	-87	-87	497	497	497	87	87	87	21	21	21
Portugal	1629	1016	613	0	0	0	-108	-108	721	721	721	108	108	108	18	18	18
Romania	812	401	411	0	0	0	-34	-34	445	445	445	34	34	34	8	8	8
Slovakia	1012	776	236	0	0	0	-55	-55	291	291	291	55	55	55	23	23	23
Spain	1796	822	974	0	0	0	-93	-93	1067	1067	1067	93	93	93	10	10	10

Co-benefits

Type of benefit	Size of effect				Type of effect
	Reduced tillage	Residue M g m t	Cover Crops	Crop Rotation	
Erosion protection					Reduced soil erosion and run-off to water bodies by reducing soil disturbance and maintaining cover
Reduce soil emissions (nitrous oxide and ammonia)					Reduced tillage limits emissions by reducing N decomposition, which is supplemented by cover crops
Promote soil biodiversity					Enhances microbial activity and biological control of pests and diseases
Prevent nutrient leaching (N, P)					Reduced tillage decreases nitrate leaching but the residue's C:N ratio may cause negative impacts – leguminous catch crops may harness the N; there is no effect on P
Promote above ground biodiversity					Residues and cover crops provide additional above-ground biomass and habitats