Calculation:		Compare
Results:		Impact assessment
Product 1:	herbicide	1 kg [sulfonyl]urea-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 2:	herbicide	1 kg [thio]carbamate-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 3:	herbicide	1 kg 2,4-dichlorophenol {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 4:	herbicide	1 kg 2,4-dichlorotoluene {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 5:	herbicide	1 kg Acetamide-anillide-compound, unspecified {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 6:	herbicide	1 kg Aclonifen {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 7:	herbicide	1 kg Ammonium nitrite {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 8:	herbicide	1 kg Atrazine {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 9:	fungicide	1 kg Benzimidazole-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 10:	fungicide	1 kg Benzo[thia]diazole-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 11:	herbicide	1 kg Benzoic-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 12:	herbicide	1 kg Bipyridylium-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 13:	fungicide	1 kg Captan {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 14:	fungicide	1 kg Chlorothalonil {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 15:	herbicide	1 kg Chlorotoluron {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 16:	herbicide	1 kg Cyclic N-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 17:	herbicide	1 kg Diazine-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 18:	herbicide and growth regulator	1 kg Diazole-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 19:	herbicide	1 kg Dimethenamide {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 20:	fungicide	1 kg Dinitroaniline-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 21:	herbicide	1 kg Diphenylether-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 22:	fungicide	1 kg Dithiocarbamate-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 23:	fungicide	1 kg Folpet {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 24:	fungicide	1 kg Fosetyl-Al {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 25:	herbicide	1 kg Glyphosate {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 26:	herbicide	1 kg Isoproturon {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 27:	fungicide	1 kg Mancozeb {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 28:	herbicide	1 kg Mecoprop {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 29:	insekticide	1 kg Metaldehyde {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 30:	herbicide, desicant	1 kg Metamitron {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 31:	herbicide	1 kg Metolachlor {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 32:	herbicide	1 kg Napropamide {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 33:	herbicide	1 kg Nitrile-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 34:	herbicide	1 kg Orbencarb {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 35:	herbicide	1 kg Organophosphorus-compound, unspecified {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 36:	herbicide	1 kg Pendimethalin {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 37:	not specific pesticide	1 kg Pesticide, unspecified {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 38:	herbicide	1 kg Phenoxy-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 39:	fungicide	1 kg Phthalimide-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 40:	herbicide	1 kg Prosulfocarb {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 41:	insekticide	1 kg Pyrethroid-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 42:	herbicide	1 kg Pyridazine-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 43:	herbicide precursor	1 kg Pyridine-compound {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 44:	herbicide	1 kg Triazine-compound, unspecified {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 45:	other	1 kg Wood preservative, creosote {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 46:	other	1 kg Wood preservative, inorganic salt, containing Cr {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Product 47:	other	1 kg Wood preservative, organic salt, Cr-free {GLO}| market for | APOS, S (of project Ecoinvent 3 - allocation at point of substitution - system)
Method:		ReCiPe 2016 Endpoint (H) V1.03 / World (2010) H/A
Indicator:		Characterisation
Skip categories:		Never
Exclude infrastructure processes:		No
Exclude long-term emissions:		No
Sorted on item:		Impact category
Sort order:		Ascending

ENDPOINT		herb.	herb.	herb.	herb.	herb.	herb.	herb.	herb.	fung.	fung.	herb.	herb.	fung.	fung.	herb.	herb.	herb.	herb.	herb.	fung.	herb.
Impact category	Unit	[sulfonyl]urea-compound {GLO}| market for | APOS, S	[thio]carbamate-compound {GLO}| market for | APOS, S	2,4-dichlorophenol {GLO}| market for | APOS, S	2,4-dichlorotoluene {GLO}| market for | APOS, S	Acetamide-anilide-compound, unspecified {GLO}| market for | APOS, S	Aclonifen {GLO}| market for | APOS, S	Ammonium nitrite {GLO}| market for | APOS, S	Atrazine {GLO}| market for | APOS, S	Benzimidazole-compound {GLO}| market for | APOS, S	Benzo[thia]diazole-compound {GLO}| market for | APOS, S	Benzoic-compound {GLO}| market for | APOS, S	Bipyridylium-compound {GLO}| market for | APOS, S	Captan {GLO}| market for | APOS, S	Chlorothalonil {GLO}| market for | APOS, S	Chlorotoluron {GLO}| market for | APOS, S	Cyclic N-compound {GLO}| market for | APOS, S	Diazine-compound {GLO}| market for | APOS, S	Diazole-compound {GLO}| market for | APOS, S	Dimethenamide {GLO}| market for | APOS, S	Dinitroaniline-compound {GLO}| market for | APOS, S	Diphenylether-compound {GLO}| market for | APOS, S
Global warming, Human health	DALY	1.07E-05	9.92E-06	3.93E-06	2.89E-06	1.27E-05	7.94E-06	3.99E-06	7.91E-06	7.82E-06	1.01E-05	1.01E-05	1.01E-05	3.76E-06	3.78E-06	6.56E-06	1.46E-05	1.41E-05	1.64E-05	1.46E-05	6.73E-06	1.18E-05
Global warming, Terrestrial ecosystems	species.yr	3.23E-08	2.99E-08	1.19E-08	8.72E-09	3.82E-08	2.39E-08	1.2E-08	2.39E-08	2.36E-08	3.04E-08	3.04E-08	3.04E-08	1.13E-08	1.14E-08	1.98E-08	4.4E-08	4.27E-08	4.95E-08	4.41E-08	2.03E-08	3.55E-08
Global warming, Freshwater ecosystems	species.yr	8.81E-13	8.18E-13	3.24E-13	2.38E-13	1.04E-12	6.54E-13	3.29E-13	6.52E-13	6.45E-13	8.31E-13	8.31E-13	8.31E-13	3.1E-13	3.11E-13	5.41E-13	1.2E-12	1.17E-12	1.35E-12	1.2E-12	5.55E-13	9.7E-13
Stratospheric ozone depletion	DALY	1.37E-08	1.42E-08	1.21E-09	1.01E-09	8.01E-08	1.86E-08	7.76E-10	2.09E-09	1.64E-08	3.08E-08	3.08E-08	3.08E-08	9.93E-10	1.13E-09	1.95E-08	2.1E-08	1.29E-08	2.02E-07	4.41E-09	2.75E-08	4.01E-08
Ionizing radiation	DALY	6.96E-09	5.97E-09	2.94E-09	2.26E-09	6.91E-09	4.77E-09	2.83E-09	4.81E-09	4.58E-09	6.25E-09	6.25E-09	6.25E-09	2.73E-09	3.03E-09	4.5E-09	8.03E-09	1.01E-08	8.65E-09	1.22E-08	2.7E-09	6.63E-09
Ozone formation, Human health	DALY	2.25E-08	2.09E-08	8.76E-09	6.27E-09	8.7E-08	1.71E-08	8.25E-09	1.47E-08	1.71E-08	3.04E-08	3.04E-08	3.04E-08	7.22E-09	7.8E-09	1.31E-08	2.91E-08	3.08E-08	3.15E-08	3.1E-08	1.36E-08	1.68E-07
Fine particulate matter formation	DALY	1.85E-05	1.33E-05	4.79E-06	3.25E-06	6.42E-05	9.12E-06	4.29E-06	8.26E-06	6.43E-05	2.41E-05	2.41E-05	2.41E-05	4.15E-06	4.35E-06	7.18E-06	1.72E-05	2.85E-05	4.84E-05	7.09E-05	6.72E-06	3.59E-05
Ozone formation, Terrestrial ecosystems	species.yr	3.3E-09	3.07E-09	1.32E-09	9.26E-10	1.25E-08	2.57E-09	1.19E-09	2.17E-09	2.53E-09	4.41E-09	4.41E-09	4.41E-09	1.07E-09	1.15E-09	1.91E-09	4.25E-09	4.48E-09	4.63E-09	4.58E-09	2.02E-09	2.4E-08
Terrestrial acidification	species.yr	1.54E-08	9.96E-09	2.96E-09	2.13E-09	6.84E-08	6.39E-09	3.35E-09	6.01E-09	7.07E-08	2.24E-08	2.24E-08	2.24E-08	2.94E-09	2.95E-09	5.41E-09	1.24E-08	2.41E-08	4.86E-08	7.42E-08	5.2E-09	3.52E-08
Freshwater eutrophication	species.yr	3.22E-09	6.74E-09	1.23E-09	8.25E-10	3.3E-09	2.28E-09	9.9E-10	2.17E-09	2.37E-09	3.08E-09	3.08E-09	3.08E-09	1.05E-09	1.1E-09	1.82E-09	6.1E-09	1.03E-08	4.1E-09	4.75E-09	1.48E-09	3.21E-09
Marine eutrophication	species.yr	7.16E-12	2.4E-12	2.46E-13	1.79E-13	4.06E-12	3.14E-12	1.66E-11	3.08E-12	9.87E-12	5.23E-12	5.23E-12	5.23E-12	4.29E-13	1.06E-12	1.15E-12	1.47E-11	6.04E-12	4.63E-12	2.16E-12	3.68E-12	5.31E-12
Terrestrial ecotoxicity	species.yr	4.16E-10	3.62E-10	1.25E-10	9.28E-11	6.84E-10	2.73E-10	2.01E-10	2.98E-10	3.38E-10	4.19E-10	4.19E-10	4.19E-10	1.35E-10	1.36E-10	2.32E-10	1.21E-09	5.52E-10	1.37E-09	5.38E-10	2.04E-10	3.94E-10
Freshwater ecotoxicity	species.yr	2.66E-10	2.3E-10	8.44E-11	5.65E-11	7.57E-10	2.22E-10	7.5E-11	1.71E-10	2.16E-10	3.39E-10	3.39E-10	3.39E-10	7.99E-11	7.73E-11	1.48E-10	7.19E-10	3.51E-10	7.82E-10	3.62E-10	1.45E-10	2.81E-10
Marine ecotoxicity	species.yr	5.43E-11	4.9E-11	1.75E-11	1.21E-11	5.87E-11	3.75E-11	1.66E-11	3.69E-11	4.38E-11	4.87E-11	4.87E-11	4.87E-11	1.73E-11	1.65E-11	3.17E-11	6.06E-11	7.41E-11	6.83E-11	7.75E-11	2.63E-11	5.51E-11
Human carcinogenic toxicity	DALY	1.52E-06	1.3E-06	5.49E-07	3.76E-07	1.61E-06	1.17E-06	4.34E-07	1.04E-06	1.14E-06	1.38E-06	1.38E-06	1.38E-06	4.66E-07	4.98E-07	8.07E-07	1.79E-06	2.14E-06	2.22E-06	2.12E-06	7.75E-07	1.52E-06
Human non-carcinogenic toxicity	DALY	2.56E-06	2.36E-06	7.96E-07	5.48E-07	2.77E-06	1.75E-06	7.54E-07	1.74E-06	2.18E-06	2.31E-06	2.31E-06	2.31E-06	8.11E-07	7.48E-07	1.51E-06	2.73E-06	3.48E-06	3.37E-06	3.63E-06	1.25E-06	2.61E-06
Land use	species.yr	1.94E-09	1.88E-09	6.29E-10	4.34E-10	2.11E-09	1.49E-09	5.6E-10	1.25E-09	1.47E-09	1.83E-09	1.83E-09	1.83E-09	6.89E-10	6.44E-10	1.21E-09	2.94E-09	2.75E-09	2.87E-09	2.91E-09	1.02E-09	1.95E-09
Mineral resource scarcity	USD2013	0.008733	0.196675	0.00238	0.001685	0.009632	0.006091	0.002597	0.005913	0.009668	0.066425	0.066425	0.066425	0.002675	0.002312	0.005585	0.143043	0.29488	0.010498	0.011659	0.004955	0.009635
Fossil resource scarcity	USD2013	1.084364	1.140253	0.502718	0.448128	1.449362	0.831342	0.377789	0.941863	0.978082	1.082669	1.082669	1.082669	0.589367	0.470026	0.716299	1.357961	1.271223	1.664013	1.961261	0.743923	1.095767
Water consumption, Human health	DALY	4.82E-07	-3.2E-07	1.59E-07	1.47E-07	4.53E-07	3.38E-07	1.94E-07	3.11E-07	3.59E-07	1.78E-07	1.78E-07	1.78E-07	1.4E-07	1.86E-07	2.81E-07	-4.8E-07	-3.8E-07	1.95E-07	7.21E-07	2.35E-07	5.01E-07
Water consumption, Terrestrial ecosystem	species.yr	2.94E-09	-2E-09	9.68E-10	8.97E-10	2.77E-09	2.06E-09	1.18E-09	1.89E-09	2.19E-09	1.09E-09	1.09E-09	1.09E-09	8.51E-10	1.13E-09	1.71E-09	-2.9E-09	-2.3E-09	1.19E-09	4.39E-09	1.43E-09	3.05E-09
Water consumption, Aquatic ecosystems	species.yr	1.46E-13	-7.5E-14	4.87E-14	4.37E-14	1.38E-13	1.01E-13	5.65E-14	9.32E-14	1.08E-13	6.18E-14	6.18E-14	6.18E-14	4.21E-14	5.53E-14	8.34E-14	-1.1E-13	-8.1E-14	7.19E-14	2.15E-13	7.03E-14	1.51E-13

MIDPOINT		herb.	herb.	herb.	herb.	herb.	herb.	herb.	herb.	fung.	fung.	herb.	herb.	fung.	fung.	herb.	herb.	herb.	herb.	herb.	fung.	herb.
Impact category	Unit	[sulfonyl]urea-compound {GLO}| market for | APOS, S	[thio]carbamate-compound {GLO}| market for | APOS, S	2,4-dichlorophenol {GLO}| market for | APOS, S	2,4-dichlorotoluene {GLO}| market for | APOS, S	Acetamide-anilide-compound, unspecified {GLO}| market for | APOS, S	Aclonifen {GLO}| market for | APOS, S	Ammonium nitrite {GLO}| market for | APOS, S	Atrazine {GLO}| market for | APOS, S	Benzimidazole-compound {GLO}| market for | APOS, S	Benzo[thia]diazole-compound {GLO}| market for | APOS, S	Benzoic-compound {GLO}| market for | APOS, S	Bipyridylium-compound {GLO}| market for | APOS, S	Captan {GLO}| market for | APOS, S	Chlorothalonil {GLO}| market for | APOS, S	Chlorotoluron {GLO}| market for | APOS, S	Cyclic N-compound {GLO}| market for | APOS, S	Diazine-compound {GLO}| market for | APOS, S	Diazole-compound {GLO}| market for | APOS, S	Dimethenamide {GLO}| market for | APOS, S	Dinitroaniline-compound {GLO}| market for | APOS, S	Diphenylether-compound {GLO}| market for | APOS, S
Global warming	kg CO2 eq	11.52361	10.69246	4.239106	3.111922	13.65506	8.550326	4.298688	8.52292	8.427654	10.85918	10.85918	10.85918	4.049457	4.072488	7.071565	15.72723	15.24559	17.67	15.73947	7.251956	12.68511
Stratospheric ozone depletion	kg CFC11 eq	2.58E-05	2.67E-05	2.27E-06	1.91E-06	0.000151	3.5E-05	1.46E-06	3.93E-06	3.08E-05	5.8E-05	5.8E-05	5.8E-05	1.87E-06	2.14E-06	3.68E-05	3.95E-05	2.42E-05	0.00038	8.31E-06	5.18E-05	7.56E-05
Ionizing radiation	kBq Co-60 eq	0.819926	0.703526	0.346469	0.266634	0.814396	0.562234	0.333972	0.566896	0.540246	0.737085	0.737085	0.737085	0.321734	0.357145	0.530418	0.946648	1.190049	1.018983	1.436268	0.317718	0.781959
Ozone formation, Human health	kg NOx eq	0.024683	0.022987	0.009627	0.006886	0.095583	0.018758	0.009071	0.01619	0.018818	0.033353	0.033353	0.033353	0.007934	0.008572	0.014447	0.032028	0.033835	0.034568	0.034023	0.014927	0.184649
Fine particulate matter formation	kg PM2.5 eq	0.029399	0.021106	0.007616	0.005168	0.102229	0.014514	0.006828	0.013149	0.102482	0.038322	0.038322	0.038322	0.0066	0.00692	0.011421	0.027375	0.045297	0.07702	0.112987	0.010689	0.057063
Ozone formation, Terrestrial ecosystems	kg NOx eq	0.025546	0.023838	0.010203	0.00718	0.096756	0.019904	0.009201	0.016847	0.01965	0.034182	0.034182	0.034182	0.008286	0.008941	0.014842	0.032978	0.034765	0.035886	0.035516	0.015682	0.185892
Terrestrial acidification	kg SO2 eq	0.072599	0.046957	0.013978	0.010039	0.322708	0.030163	0.015803	0.028353	0.333444	0.105749	0.105749	0.105749	0.013884	0.013911	0.025499	0.058495	0.113819	0.229231	0.349799	0.02454	0.166024
Freshwater eutrophication	kg P eq	0.004812	0.010061	0.001844	0.001232	0.004921	0.003406	0.001479	0.003234	0.003542	0.004599	0.004599	0.004599	0.001563	0.001649	0.002715	0.009108	0.015369	0.006121	0.007086	0.002212	0.004793
Marine eutrophication	kg N eq	0.004202	0.00141	0.000145	0.000105	0.002387	0.001848	0.009743	0.001806	0.005793	0.00307	0.00307	0.00307	0.000252	0.000622	0.000679	0.008619	0.003548	0.002721	0.00127	0.002166	0.003127
Terrestrial ecotoxicity	kg 1,4-DCB	36.42532	31.68631	10.95862	8.129569	59.96677	23.94473	17.64198	26.09824	29.59609	36.7002	36.7002	36.7002	11.84244	11.93653	20.36251	105.6938	48.39273	120.4339	47.11216	17.86706	34.55083
Freshwater ecotoxicity	kg 1,4-DCB	0.384161	0.332292	0.121841	0.081548	1.090339	0.319756	0.108317	0.246632	0.311898	0.489527	0.489527	0.489527	0.115429	0.111697	0.213406	1.034949	0.506252	1.126174	0.523065	0.209877	0.405692
Marine ecotoxicity	kg 1,4-DCB	0.517303	0.466634	0.166413	0.115257	0.558921	0.356686	0.157767	0.351332	0.416509	0.463663	0.463663	0.463663	0.164977	0.157483	0.301845	0.576385	0.70569	0.650443	0.73744	0.250432	0.524468
Human carcinogenic toxicity	kg 1,4-DCB	0.457201	0.391233	0.165496	0.113339	0.485623	0.352567	0.130582	0.314599	0.342096	0.414308	0.414308	0.414308	0.140363	0.149952	0.242927	0.537832	0.64558	0.667092	0.638804	0.233426	0.457918
Human non-carcinogenic toxicity	kg 1,4-DCB	11.21048	10.32346	3.491303	2.400744	12.16295	7.685442	3.30364	7.644739	9.555152	10.11242	10.11242	10.11242	3.555195	3.280561	6.617319	11.96922	15.24929	14.77767	15.92493	5.479942	11.435
Land use	m2a crop eq	0.218643	0.21194	0.07095	0.048971	0.237495	0.168462	0.063136	0.140371	0.166073	0.205915	0.205915	0.205915	0.077663	0.072611	0.136961	0.331829	0.309748	0.323131	0.327668	0.11504	0.219392
Mineral resource scarcity	kg Cu eq	0.037828	0.852667	0.010307	0.007295	0.041717	0.026379	0.011265	0.025622	0.041894	0.289186	0.289186	0.289186	0.011585	0.010014	0.024184	0.625226	1.278411	0.045459	0.050495	0.021453	0.041727
Fossil resource scarcity	kg oil eq	3.694996	3.725105	1.644773	1.343581	4.580558	2.805561	1.227868	2.924591	3.149597	3.597074	3.597074	3.597074	1.725372	1.491032	2.283044	4.730771	4.628252	5.468393	6.163345	2.312144	3.702547
Water consumption	m3	0.23905	-0.12679	0.080174	0.07282	0.225926	0.166827	0.095179	0.154363	0.17635	0.100048	0.100048	0.100048	0.071215	0.092531	0.139946	-0.19112	-0.13751	0.115348	0.360515	0.114525	0.246366

SimaPro 9.0.0.49
Project

Calculation:
Results:
Product 1:
Product 2:
Product 3:
Product 4:
Product 5:
Product 6:
Product 7:
Product 8:
Product 9:
Product 10:
Product 11:
Product 12:
Product 13:
Product 14:
Product 15:
Product 16:
Product 17:
Product 18:
Product 19:
Product 20:
Product 21:
Product 22:
Product 23:
Product 24:
Product 25:
Product 26:
Product 27:
Product 28:
Product 29:
Product 30:
Product 31:
Product 32:
Product 33:
Product 34:
Product 35:
Product 36:
Product 37:
Product 38:
Product 39:
Product 40:
Product 41:
Product 42:
Product 43:
Product 44:
Product 45:
Product 46:
Product 47:
Method:
Indicator:
Skip categories:
Exclude infrastructure processes:
Exclude long-term emissions:
Sorted on item:
Sort order:

ENDPOINT	fung.	fung.	fung.	herb.	herb.	fung.	herb.	insect.	herb.	herb.	herb.	herb.	herb.	herb.	herb.	not spec.	herb.	fung.	herbicid	insekt.	herb.	prek. herb.	herb.	Other	Other	Other
Impact category	Dithiocarbamate-compound {GLO}| market for | APOS, S	Folpet {GLO}| market for | APOS, S	Fosetyl-Al {GLO}| market for | APOS, S	Glyphosate {GLO}| market for | APOS, S	Isoproturon {GLO}| market for | APOS, S	Mancozeb {GLO}| market for | APOS, S	Mecoprop {GLO}| market for | APOS, S	Metaldehyde {GLO}| market for | APOS, S	Metamitron {GLO}| market for | APOS, S	Metolachlor {GLO}| market for | APOS, S	Napropamide {GLO}| market for | APOS, S	Nitrile-compound {GLO}| market for | APOS, S	Orbencarb {GLO}| market for | APOS, S	Organophosphorus-compound, unspecified {GLO}| market for | APOS, S	Pendimethalin {GLO}| market for | APOS, S	Pesticide, unspecified {GLO}| market for | APOS, S	Phenoxy-compound {GLO}| market for | APOS, S	Phthalimide-compound {GLO}| market for | APOS, S	Prosulfocarb {GLO}| market for | APOS, S	Pyrethroid-compound {GLO}| market for | APOS, S	Pyridazine-compound {GLO}| market for | APOS, S	Pyridine-compound {GLO}| market for | APOS, S	Triazine-compound, unspecified {GLO}| market for | APOS, S	Wood preservative, creosote {GLO}| market for | APOS, S	Wood preservative, inorganic salt, containing Cr {GLO}| market for | APOS, S	Wood preservative, organic salt, Cr-free {GLO}| market for | APOS, S
Global warming, Human health	5.52E-06	3.64E-06	4.74E-06	1.06E-05	6.75E-06	5.39E-06	4.95E-06	2.34E-06	6.53E-06	8.83E-06	8.89E-06	1.08E-05	9.51E-06	7.88E-06	5.33E-06	9.97E-06	6.43E-06	1.02E-05	6.45E-06	1.56E-05	1.01E-05	1.01E-05	8.51E-06	2.15E-06	2.95E-06	3.88E-06
Global warming, Terrestrial ecosystems	1.67E-08	1.1E-08	1.43E-08	3.21E-08	2.04E-08	1.63E-08	1.49E-08	7.06E-09	1.97E-08	2.66E-08	2.68E-08	3.26E-08	2.87E-08	2.38E-08	1.61E-08	3.01E-08	1.94E-08	3.09E-08	1.95E-08	4.71E-08	3.04E-08	3.047E-08	2.57E-08	6.49E-09	8.9E-09	1.17E-08
Global warming, Freshwater ecosystems	4.55E-13	3E-13	3.91E-13	8.76E-13	5.56E-13	4.44E-13	4.08E-13	1.93E-13	5.39E-13	7.28E-13	7.33E-13	8.89E-13	7.84E-13	6.49E-13	4.39E-13	8.22E-13	5.3E-13	8.43E-13	5.32E-13	1.29E-12	8.31E-13	8.322E-13	7.02E-13	1.77E-13	2.43E-13	3.19E-13
Stratospheric ozone depletion	1.62E-09	8.68E-10	1.76E-08	3.42E-09	1.97E-08	1.61E-09	1.38E-09	2.95E-10	2.33E-09	1.26E-08	2.57E-09	1.12E-07	2.5E-09	9.68E-09	3.65E-08	2.14E-08	1.76E-09	1.44E-08	1.68E-09	3.67E-09	3.08E-08	3.353E-09	2.33E-09	4.69E-10	2.35E-09	1.12E-08
Ionizing radiation	3.89E-09	2.03E-09	3.45E-09	9.32E-09	3.71E-09	4.4E-09	3.76E-09	1.11E-09	5.45E-09	4.13E-09	5.96E-09	6.32E-09	6.25E-09	6.33E-09	1.28E-09	6.31E-09	4.27E-09	5.73E-09	4.74E-09	6.62E-09	6.25E-09	7.445E-09	4.92E-09	4.78E-10	2.12E-09	3.2E-09
Ozone formation, Human health	1.37E-08	8E-09	1.11E-08	2.39E-08	1.36E-08	1.34E-08	1.06E-08	5.54E-09	1.33E-08	1.76E-08	1.79E-08	2.1E-08	1.79E-08	1.99E-08	9.53E-09	2.6E-08	1.38E-08	2.08E-08	1.36E-08	3.03E-08	3.04E-08	2.175E-08	1.6E-08	9.03E-09	8.91E-09	1.03E-08
Fine particulate matter formation	2.9E-05	4.35E-06	6.12E-06	1.44E-05	7.24E-06	2.86E-05	5.89E-06	2.34E-06	7.99E-06	5.59E-05	8.61E-05	1.69E-05	1.02E-05	1.95E-05	3.84E-06	1.89E-05	7.8E-06	1.32E-05	7.45E-06	1.64E-05	2.41E-05	1.266E-05	9.38E-06	4.62E-06	8.38E-06	9.95E-06
Ozone formation, Terrestrial ecosystems	1.99E-09	1.2E-09	1.62E-09	3.47E-09	2.02E-09	1.94E-09	1.59E-09	8.45E-10	1.93E-09	2.65E-09	2.61E-09	3.06E-09	2.62E-09	2.88E-09	1.4E-09	3.79E-09	2.06E-09	3.05E-09	2.03E-09	4.46E-09	4.41E-09	3.208E-09	2.35E-09	1.41E-09	1.29E-09	1.51E-09
Terrestrial acidification	3.04E-08	3.18E-09	4.6E-09	8.94E-09	5.41E-09	3.01E-08	3.78E-09	1.74E-09	5.44E-09	6.09E-08	9.59E-08	1.38E-08	7.43E-09	1.74E-08	3.83E-09	1.67E-08	5.06E-09	1.01E-08	5.34E-09	1.25E-08	2.24E-08	8.309E-09	6.87E-09	2.18E-09	8.11E-09	9.12E-09
Freshwater eutrophication	2.12E-09	9.33E-10	6.21E-09	1.1E-08	1.74E-09	2.13E-09	1.57E-09	5.06E-10	2.17E-09	2.14E-09	2.53E-09	2.97E-09	2.44E-09	1.07E-08	6.86E-10	4.18E-09	1.97E-09	3.93E-09	1.86E-09	3.63E-09	3.08E-09	3.255E-09	2.31E-09	2.05E-09	5.08E-09	5.96E-09
Marine eutrophication	2.94E-12	4.83E-13	3.97E-12	1.86E-12	2.41E-12	2.95E-12	2.94E-13	8.63E-14	1.08E-11	1.63E-12	2.23E-12	1.03E-11	4.6E-12	5.54E-12	4.22E-12	5.42E-12	4.52E-13	7.99E-12	4.91E-13	2.02E-12	5.23E-12	1.975E-12	3.58E-12	3.36E-13	7.73E-13	3.38E-12
Terrestrial ecotoxicity	8.48E-10	1.41E-10	1.73E-10	4.41E-10	2.16E-10	8.48E-10	1.64E-10	6.74E-11	1.57E-09	3.08E-10	3.04E-10	3.46E-10	3E-10	2.74E-10	1.35E-10	4.69E-10	2.39E-10	6.78E-10	2.1E-10	4.34E-10	4.19E-10	8.232E-10	2.81E-10	2.95E-11	2.03E-09	2.39E-09
Freshwater ecotoxicity	2.01E-09	7.35E-11	1.23E-10	2.79E-10	1.38E-10	2.01E-09	1.14E-10	4.38E-11	8.79E-10	1.41E-09	1.89E-10	2.11E-10	1.76E-10	1.89E-10	6.86E-11	3.24E-10	1.52E-10	4.95E-10	1.34E-10	2.73E-10	3.39E-10	4.868E-10	1.7E-10	7.13E-11	1.27E-09	1.1E-09
Marine ecotoxicity	4.37E-10	1.6E-11	2.67E-11	5.43E-11	2.97E-11	4.37E-10	2.4E-11	9.33E-12	3.86E-11	4.06E-11	4.08E-11	4.54E-11	3.78E-11	3.96E-11	1.51E-11	5.12E-11	3.1E-11	6.77E-11	2.88E-11	5.77E-11	4.87E-11	5.323E-11	3.65E-11	1.5E-11	2.82E-10	2.39E-10
Human carcinogenic toxicity	8.92E-07	4.55E-07	1.82E-06	1.73E-06	7.88E-07	8.86E-07	6.96E-07	2.6E-07	9.61E-07	1.01E-06	1.11E-06	1.49E-06	1.14E-06	1.32E-06	3.7E-07	1.35E-06	8.83E-07	1.33E-06	8.19E-07	1.99E-06	1.38E-06	1.49E-06	1.08E-06	6.87E-07	0.000149	1.52E-06
Human non-carcinogenic toxicity	2.7E-05	7.49E-07	1.12E-06	2.42E-06	1.42E-06	2.67E-05	1.11E-06	4.38E-07	1.67E-06	1.7E-06	1.93E-06	2.28E-06	1.74E-06	1.79E-06	7.41E-07	2.49E-06	1.48E-06	3.5E-06	1.34E-06	2.73E-06	2.31E-06	2.425E-06	1.71E-06	6.84E-07	1.09E-05	1.26E-05
Land use	1.2E-09	6.69E-10	1.7E-09	2.62E-09	1.15E-09	1.25E-09	9.24E-10	3.99E-10	1.35E-09	1.38E-09	2.14E-09	2.16E-09	1.77E-09	1.93E-09	6.56E-10	1.88E-09	1.2E-09	1.99E-09	1.42E-09	2.98E-09	1.83E-09	1.977E-09	1.29E-09	5.96E-10	1.22E-09	1.16E-09
Mineral resource scarcity	0.022247	0.002453	0.011697	0.022622	0.005234	0.022262	0.003453	0.001309	0.005474	0.005821	0.006065	0.663052	0.00547	0.017178	0.003843	0.066517	0.004451	0.063377	0.004167	0.00841	0.066425	0.0076058	0.005474	0.000584	0.030511	0.02834
Fossil resource scarcity	0.725057	0.576579	0.411992	0.948105	0.80607	0.72125	0.645117	0.494449	0.657024	1.26083	1.175247	0.999609	1.324584	0.794005	0.656615	1.153544	0.760368	1.083253	0.926122	1.766714	1.082669	0.9927631	0.988113	0.170969	0.231085	0.510042
Water consumption, Human health	2.46E-07	1.09E-07	2.03E-07	5.61E-07	2.47E-07	2.47E-07	1.96E-07	7E-08	3.44E-07	4.13E-07	-2.5E-07	-2.2E-06	-2.6E-08	3.16E-07	1.32E-07	4.66E-08	3.38E-07	-7.9E-08	2.91E-07	-5.7E-07	1.78E-07	5.127E-07	3.43E-07	1.34E-08	8.05E-08	1.32E-07
Water consumption, Terrestrial ecosystem	1.5E-09	6.64E-10	1.24E-09	3.42E-09	1.5E-09	1.5E-09	1.19E-09	4.27E-10	2.1E-09	2.52E-09	-1.5E-09	-1.4E-08	-1.6E-10	1.93E-09	8.05E-10	2.89E-10	2.06E-09	-4.7E-10	1.77E-09	-3.4E-09	1.09E-09	3.128E-09	2.09E-09	8.38E-11	4.94E-10	8.09E-10
Water consumption, Aquatic ecosystems	7.53E-14	3.38E-14	7.01E-14	1.71E-13	7.39E-14	7.45E-14	5.98E-14	2.12E-14	1.03E-13	1.22E-13	-5.7E-14	-6E-13	2.91E-15	1E-13	3.81E-14	2.54E-14	1.01E-13	-8.4E-15	8.68E-14	-1.4E-13	6.18E-14	1.549E-13	1.03E-13	8.18E-15	2.63E-14	4.21E-14

MIDPOINT	fung.	fung.	fung.	herb.	herb.	fung.	herb.	insect.	herb.	herb.	herb.	herb.	herb.	herb.	herb.	not spec.	herb.	fung.	herbicid	insekt.	herb.	prek. herb.	herb.	Other	Other	Other
Impact category	Dithiocarbamate-compound {GLO}| market for | APOS, S	Folpet {GLO}| market for | APOS, S	Fosetyl-Al {GLO}| market for | APOS, S	Glyphosate {GLO}| market for | APOS, S	Isoproturon {GLO}| market for | APOS, S	Mancozeb {GLO}| market for | APOS, S	Mecoprop {GLO}| market for | APOS, S	Metaldehyde {GLO}| market for | APOS, S	Metamitron {GLO}| market for | APOS, S	Metolachlor {GLO}| market for | APOS, S	Napropamide {GLO}| market for | APOS, S	Nitrile-compound {GLO}| market for | APOS, S	Orbencarb {GLO}| market for | APOS, S	Organophosphorus-compound, unspecified {GLO}| market for | APOS, S	Pendimethalin {GLO}| market for | APOS, S	Pesticide, unspecified {GLO}| market for | APOS, S	Phenoxy-compound {GLO}| market for | APOS, S	Phthalimide-compound {GLO}| market for | APOS, S	Prosulfocarb {GLO}| market for | APOS, S	Pyrethroid-compound {GLO}| market for | APOS, S	Pyridazine-compound {GLO}| market for | APOS, S	Pyridine-compound {GLO}| market for | APOS, S	Triazine-compound, unspecified {GLO}| market for | APOS, S	Wood preservative, creosote {GLO}| market for | APOS, S	Wood preservative, inorganic salt, containing Cr {GLO}| market for | APOS, S	Wood preservative, organic salt, Cr-free {GLO}| market for | APOS, S
Global warming	5.952362	3.92087	5.105356	11.44974	7.26989	5.804676	5.332266	2.519621	7.04104	9.513223	9.577482	11.62904	10.24774	8.487232	5.742533	10.74404	6.931437	11.0217	6.955854	16.8053	10.85918	10.880684	9.172304	2.317625	3.178779	4.174918
Stratospheric ozone depletion	3.05E-06	1.64E-06	3.32E-05	6.44E-06	3.72E-05	3.03E-06	2.6E-06	5.57E-07	4.4E-06	2.38E-05	4.84E-06	0.00021	4.7E-06	1.82E-05	6.87E-05	4.03E-05	3.32E-06	2.71E-05	3.17E-06	6.92E-06	5.8E-05	6.318E-06	4.38E-06	8.83E-07	4.43E-06	2.11E-05
Ionizing radiation	0.458867	0.239351	0.406773	1.098403	0.437265	0.518673	0.44374	0.130298	0.642138	0.487163	0.702712	0.745035	0.737043	0.7457	0.151256	0.743569	0.50387	0.67534	0.558649	0.7804	0.737085	0.8774966	0.580177	0.056375	0.249964	0.376954
Ozone formation, Human health	0.015102	0.008795	0.012199	0.026258	0.014907	0.014709	0.011648	0.00609	0.014572	0.01937	0.019712	0.023131	0.019656	0.021835	0.010474	0.028605	0.015144	0.022853	0.014994	0.033283	0.033353	0.0238937	0.017608	0.009922	0.009788	0.011368
Fine particulate matter formation	0.046245	0.006923	0.009732	0.022929	0.011527	0.045632	0.00938	0.003723	0.012722	0.089024	0.137184	0.026827	0.016184	0.031008	0.006116	0.030167	0.012418	0.020984	0.011857	0.026145	0.038322	0.0201526	0.014928	0.007352	0.013345	0.015846
Ozone formation, Terrestrial ecosystems	0.015414	0.009296	0.012577	0.026919	0.015646	0.015018	0.012294	0.006549	0.014924	0.020579	0.020225	0.023722	0.020287	0.022356	0.010831	0.029415	0.015943	0.023638	0.015726	0.034589	0.034182	0.0248645	0.018234	0.010916	0.009983	0.011721
Terrestrial acidification	0.143319	0.014995	0.021681	0.042173	0.025508	0.141838	0.017837	0.008189	0.02568	0.28736	0.452344	0.065164	0.035062	0.081979	0.018065	0.078772	0.023891	0.047519	0.025206	0.058977	0.105749	0.0391916	0.032391	0.010301	0.03825	0.043033
Freshwater eutrophication	0.003164	0.001393	0.009262	0.016464	0.002596	0.003179	0.002339	0.000756	0.003234	0.003196	0.003777	0.004434	0.003642	0.015997	0.001025	0.006242	0.00294	0.005873	0.002774	0.005415	0.004599	0.0048602	0.00345	0.003067	0.00759	0.008895
Marine eutrophication	0.00173	0.000284	0.002337	0.001095	0.001419	0.001732	0.000173	5.08E-05	0.006365	0.000961	0.001313	0.006047	0.002704	0.003253	0.002485	0.003184	0.000266	0.004693	0.000289	0.001186	0.00307	0.0011599	0.002103	0.000198	0.000455	0.001985
Terrestrial ecotoxicity	74.46212	12.39007	15.15192	38.60713	18.95539	74.41496	14.35459	5.901769	137.2873	27.00079	26.68011	30.33028	26.32438	23.99231	11.8733	41.11227	20.94137	59.42475	18.40245	38.03616	36.7002	72.116661	24.61199	2.585224	177.6795	209.0448
Freshwater ecotoxicity	2.911884	0.106219	0.177839	0.402145	0.199812	2.911794	0.164025	0.063272	1.263817	2.024682	0.272585	0.30504	0.254675	0.273062	0.099048	0.468067	0.219145	0.713633	0.193163	0.394285	0.489527	0.7013799	0.245144	0.102977	1.83447	1.585702
Marine ecotoxicity	4.163961	0.152292	0.253735	0.51674	0.283036	4.163772	0.228284	0.088793	0.367323	0.386182	0.388171	0.432055	0.359737	0.376768	0.1433	0.487731	0.29523	0.644253	0.274078	0.549589	0.463663	0.5067214	0.34723	0.143176	2.682694	2.278752
Human carcinogenic toxicity	0.268528	0.137023	0.547248	0.520135	0.237353	0.266925	0.209735	0.078222	0.289489	0.303237	0.335724	0.448811	0.34242	0.396598	0.111394	0.405181	0.266033	0.40153	0.246608	0.599058	0.414308	0.4487558	0.324407	0.206789	44.73786	0.456284
Human non-carcinogenic toxicity	118.1355	3.284932	4.899984	10.61685	6.240466	117.0653	4.876853	1.920774	7.331062	7.445823	8.443575	9.975414	7.631279	7.849553	3.246775	10.91046	6.506436	15.36253	5.864823	11.98384	10.11242	10.630587	7.499639	2.997907	47.82032	55.28426
Land use	0.134724	0.075381	0.191497	0.295217	0.129103	0.140505	0.104165	0.04498	0.15255	0.15507	0.240981	0.243879	0.199605	0.217545	0.073978	0.211679	0.13508	0.224628	0.160313	0.336332	0.205915	0.2228539	0.14574	0.067215	0.137866	0.131042
Mineral resource scarcity	0.096362	0.010624	0.092998	0.185753	0.022667	0.096426	0.014951	0.005666	0.023708	0.025204	0.026275	2.866542	0.023698	0.139821	0.016636	0.294555	0.019277	0.279327	0.018043	0.036443	0.289186	0.0329391	0.023734	0.002547	0.132093	0.122738
Fossil resource scarcity	2.378854	1.71976	1.441513	3.63255	2.527505	2.35147	2.084059	1.345434	2.248449	3.815552	3.655852	3.528929	4.010578	2.835913	1.789856	3.748961	2.523958	3.603904	2.821552	5.736396	3.597074	3.4715761	3.117898	1.563356	0.743041	1.482653
Water consumption	0.12458	0.055511	0.104271	0.281609	0.1225	0.125646	0.099231	0.035116	0.171238	0.199162	-0.0919	-0.99178	0.007107	0.162537	0.063834	0.040677	0.165805	-0.01677	0.145827	-0.23325	0.100048	0.2542492	0.1699	0.008733	0.040199	0.065899