

Inputs												
Flow	Categorie	Unit/ Year	Quantity						Stats			
			2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Minimum	Maximum	Mean	Standard Deviation
Ammonium nitrate, as N	Ecolnvent cut-off S	kg	-	-	-	6,1988E-05	6,7274E-05	2,400E-04	6,20E-05	2,40E-04	1,23E-04	1,01E-04
Copper sulfate	Ecolnvent cut-off S	kg	6,9000E-04	5,6000E-04	3,6000E-04	3,6000E-04	1,5100E-03	4,000E-04	3,60E-04	1,51E-03	6,47E-04	4,43E-04
Diesel Combustion in tractor	Others/transformation	kg	4,1530E-02	1,5960E-02	1,8620E-02	1,5530E-02	3,6390E-02	2,462E-02	1,55E-02	4,15E-02	2,54E-02	1,11E-02
Folpet	Ecolnvent cut-off S	kg	9,7000E-04	3,8000E-04	6,9000E-04	7,8000E-04	1,3000E-03	1,180E-03	3,80E-04	1,30E-03	8,83E-04	3,38E-04
Glyphosate	Ecolnvent cut-off S	kg	5,6000E-04	3,4000E-04	3,0000E-04	5,2000E-04	5,8000E-04	2,400E-04	2,40E-04	5,80E-04	4,23E-04	1,47E-04
Magnesium	Resource/unspecified	kg	-	-	-	8,8900E-06	-	-	-	-	-	-
Mancozeb	Ecolnvent cut-off S	kg	-	-	8,5000E-04	2,9000E-04	5,7000E-04	-	2,90E-04	8,50E-04	5,70E-04	2,80E-04
Occupation permanent croop, vine	Resource/land	m2*a	3,0069E+00	1,8112E+00	2,3463E+00	1,5302E+00	3,2094E+00	2,639E-01	2,64E-01	3,21E+00	2,03E+00	1,08E+00
Pesticide unspecified	Ecolnvent cut-off S	kg	9,6000E-04	4,5000E-04	4,6000E-04	3,0000E-04	1,1900E-03	6,298E-05	6,30E-05	1,19E-03	5,70E-04	4,23E-04
Phosphate fertiliser, as P2O5	Ecolnvent cut-off S	kg	-	-	-	2,8660E-05	-	2,300E-04	2,87E-05	2,30E-04	1,29E-04	1,42E-04
Potassium fertiliser, as K2O	Ecolnvent cut-off S	kg	-	-	-	4,0510E-05	-	2,300E-04	4,05E-05	2,30E-04	1,35E-04	1,34E-04
Sulphur	Ecolnvent cut-off S	kg	0,00815	0,00379	0,00436	0,00351	0,01297	0,01433	3,51E-03	1,43E-02	7,85E-03	4,81E-03

Outputs												
Flow	Categorie	Unit/ Year	Quantity						Stats			
			2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Minimum	Maximum	Mean	Standard Deviation
Amitrole	Emission to soil	m2*a	3,3000E-04	-	-	-	-	-	-	-	-	-
Ammonia, as N	Emission to air	kg	1,4240E-06	8,5772E-07	1,1111E-06	2,6984E-06	3,5440E-06	8,5443E-06	8,58E-07	8,58E-07	3,03E-06	2,89E-06
Ammonium Thiocyanate	Emission to soil	kg	3,0000E-04	-	-	-	-	-	3,00E-04	3,00E-04	3,00E-04	-
Benalaxyl	Emission to soil	kg	1,5500E-06	-	3,4090E-05	-	3,1090E-05	-	1,55E-06	1,55E-06	2,22E-05	1,80E-05
Benthiavalicarb	Emission to soil	kg	-	-	-	7,1400E-06	-	-	-	-	-	-
Boscalid	Emission to soil	kg	-	-	-	-	5,9600E-05	9,1900E-06	9,19E-06	9,19E-06	3,44E-05	3,56E-05
Calcium	Emission to soil	kg	-	-	-	-	2,1760E-05	-	-	-	-	-
Copper oxychloride	Emission to soil	kg	-	-	-	-	-	1,5100E-03	-	-	-	-
Copper oxychloride sulfate	Emission to soil	kg	6,9000E-04	5,6000E-04	3,6000E-04	3,6000E-04	1,5100E-03	4,0000E-04	3,60E-04	3,60E-04	6,47E-04	4,43E-04
Cymoxanil	Emission to soil	kg	6,9130E-05	5,6140E-05	3,6360E-05	2,3720E-05	9,7820E-05	4,0400E-05	2,37E-05	2,37E-05	5,39E-05	2,67E-05
Cypermethrin	Emission to air	kg	-	-	-	-	1,1300E-05	9,1700E-06	9,17E-06	9,17E-06	1,02E-05	1,51E-06
Dimethomorph	Emission to air	kg	-	-	-	-	7,3370E-05	6,0860E-05	6,09E-05	6,09E-05	6,71E-05	8,85E-06
Dinitrogen monoxide	Emission to air	kg	1,4000E-04	8,6424E-05	1,1000E-04	7,3756E-05	1,5000E-04	1,3000E-04	7,38E-05	7,38E-05	1,15E-04	3,04E-05
Dinocap	Emission to air	kg	1,7330E-05	-	-	-	-	-	-	-	-	-
Flazasulfuron	Emission to soil	kg	-	3,7900E-03	1,5150E-05	5,9300E-06	8,0000E-04	1,6830E-05	5,93E-06	5,93E-06	9,26E-04	1,64E-03
Folpet	Emission to soil	kg	9,7000E-04	3,8000E-04	6,9000E-04	7,8000E-04	1,3000E-03	1,1800E-03	3,80E-04	3,80E-04	8,83E-04	3,38E-04
Fosetyl-aluminum	Emission to soil	kg	-	-	-	-	6,1000E-04	-	-	-	-	-
Glyphosate	Emission to soil	kg	5,6000E-04	3,4000E-04	3,0000E-04	5,2000E-04	5,8000E-04	2,4000E-04	2,40E-04	2,40E-04	4,23E-04	1,47E-04
Imidacloprid	Emission to soil	kg	8,6400E-06	1,5600E-06	4,0500E-06	-	-	-	1,56E-06	1,56E-06	4,75E-06	3,59E-06
Iprovalicarb	Emission to soil	kg	-	-	-	4,6840E-05	9,5130E-05	-	4,68E-05	4,68E-05	7,10E-05	3,41E-05
Kresoxim-methyl	Emission to air	kg	-	4,3860E-05	2,3000E-04	4,4470E-05	7,0730E-05	3,8260E-05	3,83E-05	3,83E-05	8,55E-05	8,18E-05
Lambda-cyhalotrin	Emission to air	kg	1,4600E-06	-	-	7,4000E-07	-	-	7,40E-07	7,40E-07	1,10E-06	5,09E-07
Mancozeb	Emission to soil	kg	-	-	8,5000E-04	2,9000E-04	5,7000E-04	-	2,90E-04	2,90E-04	5,70E-04	2,80E-04
Metalaxil	Emission to soil	kg	2,4000E-04	9,5090E-05	6,2580E-05	8,1620E-05	1,4330E-05	1,3000E-04	1,43E-05	1,43E-05	1,04E-04	7,68E-05
Penconazole	Emission to soil	kg	4,8500E-06	1,5350E-05	7,9550E-05	1,5560E-05	-	1,17800E-5	4,85E-06	4,85E-06	2,88E-05	3,42E-05
Phosphate	Emission to water/ ground water	m2*a	-	-	-	1,0559E-08	-	8,4774E-08	1,06E-08	1,06E-08	4,77E-08	5,25E-08
Phosphorous	Emission to water/ river	m2*a	-	-	-	1,0559E-08	-	3,0113E-07	1,06E-08	1,06E-08	1,56E-07	2,05E-07
Quizalofop-p-ethyl	Emission to soil	kg	-	-	-	-	-	5,0520E-05	-	-	-	-
Sulphur	Emission to soil	kg	8,1500E-03	3,7900E-03	4,3600E-03	3,4900E-03	1,2970E-02	1,4330E-02	3,49E-03	3,49E-03	7,85E-03	4,82E-03
Sulphur trioxide	Emission to air	kg	-	-	-	2,9640E-05	-	-	-	-	-	-
Tebuconazole	Emission to soil	m2*a	-	-	-	-	3,2640E-05	2,020E-05	2,02E-05	2,02E-05	2,64E-05	8,80E-06
Trifloxystrobin	Emission to soil	m2*a	-	-	-	-	1,6320E-05	1,010E-05	1,01E-05	1,01E-05	1,32E-05	4,40E-06