

# THE ECONOMIC IMPACT OF THE CROP PROTECTION INDUSTRY

A REPORT FOR CROPLIFE EUROPE

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# Austria

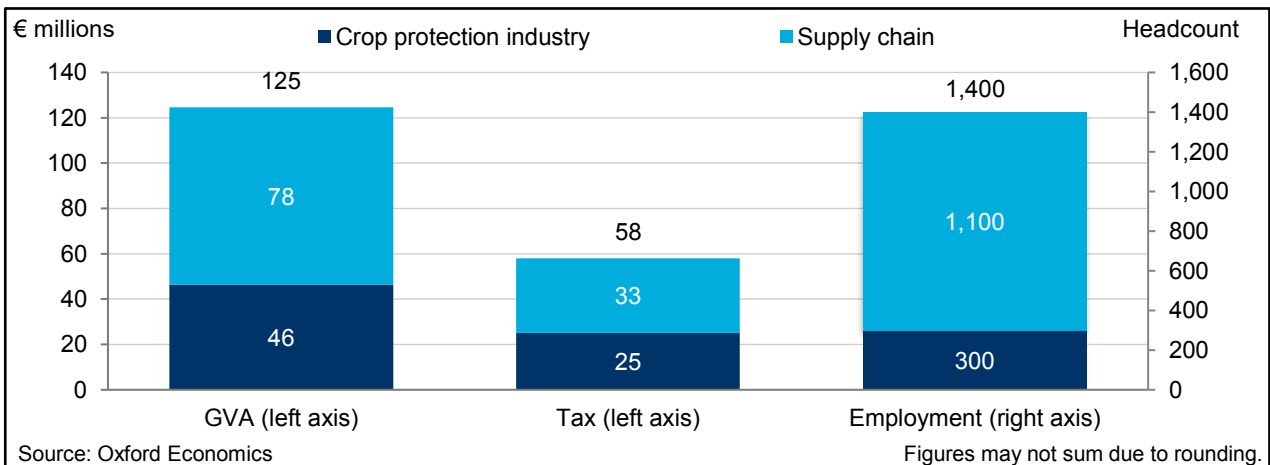
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	217	8	2.6%
Procurement spend	169	8	2.9%
Employee compensation	21	8	1.9%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	46	9	2.0%
Tax (€ mn)	25	6	2.9%
Employment (headcount)	300	11	1.9%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	78	8	3.3%
Tax (€ mn)	33	8	3.2%
Employment (headcount)	1,100	12	2.5%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	125	7	2.6%
Tax (€ mn)	58	8	3.1%
Employment (headcount)	1,400	12	2.3%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.12%	0.23%	0.22%
Share of national economy		0.031%	0.032%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Belgium

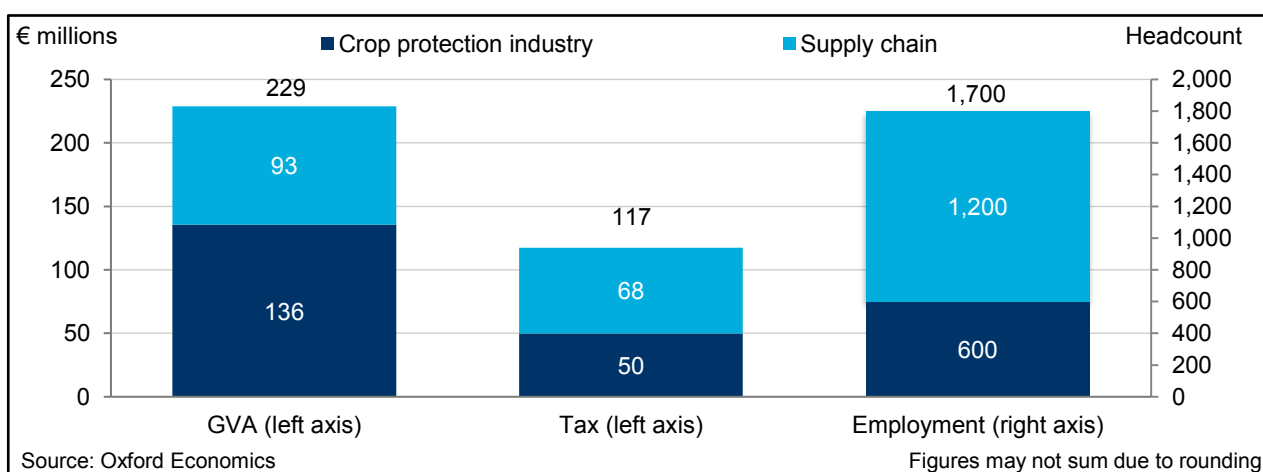
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	472	5	5.7%
Procurement spend	336	5	5.8%
Employee compensation	58	4	5.1%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	136	4	5.7%
Tax (€ mn)	50	5	5.7%
Employment (headcount)	600	6	3.8%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	93	6	4.0%
Tax (€ mn)	68	5	6.7%
Employment (headcount)	1,200	10	2.7%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	229	6	4.8%
Tax (€ mn)	117	5	6.2%
Employment (headcount)	1,700	10	2.8%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.18%	0.41%	0.34%
Share of national economy		0.049%	0.036%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Bulgaria

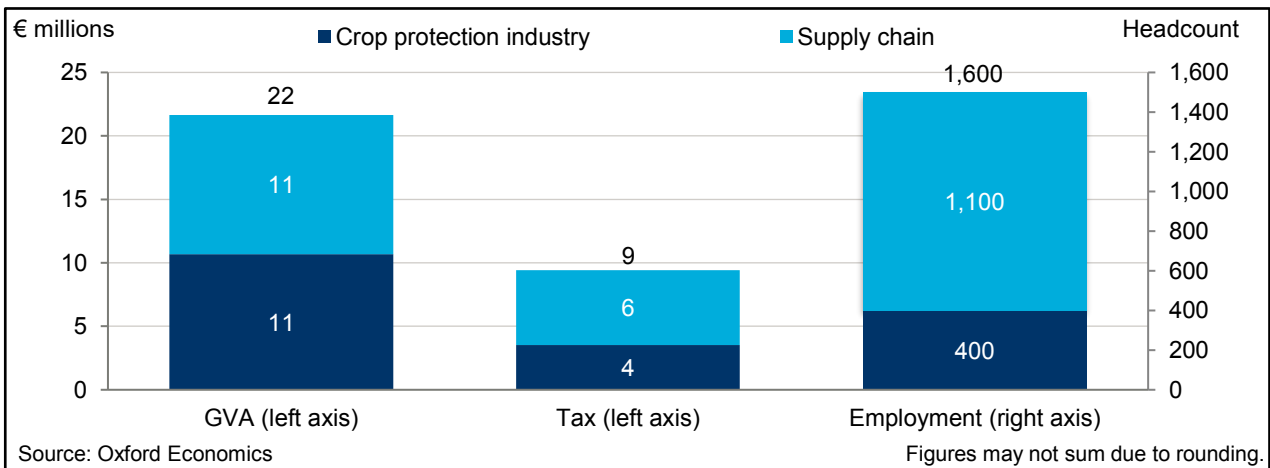
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	36	15	0.4%
Procurement spend	26	15	0.4%
Employee compensation	4	16	0.3%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	11	15	0.4%
Tax (€ mn)	4	15	0.4%
Employment (headcount)	400	10	2.5%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	11	20	0.5%
Tax (€ mn)	6	18	0.6%
Employment (headcount)	1,100	11	2.5%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	22	18	0.5%
Tax (€ mn)	9	16	0.5%
Employment (headcount)	1,600	11	2.6%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.11%	0.30%	0.29%
Share of national economy		0.042%	0.045%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Croatia

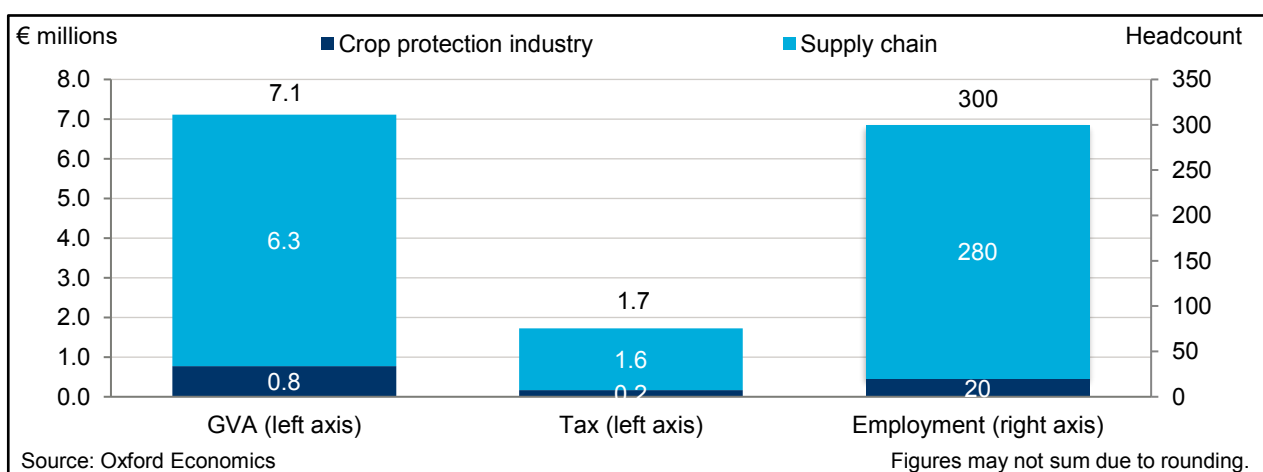
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	3.1	20	0.04%
Procurement spend	2.3	20	0.04%
Employee compensation	0.5	20	0.04%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.8	20	0.03%
Tax (€ mn)	0.2	22	0.02%
Employment (headcount)	20	21	0.13%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	6.3	22	0.27%
Tax (€ mn)	1.6	24	0.15%
Employment (headcount)	280	19	0.63%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	7.1	22	0.15%
Tax (€ mn)	1.7	24	0.09%
Employment (headcount)	300	20	0.50%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.02%	0.12%	0.11%
Share of national economy		0.014%	0.022%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Cyprus

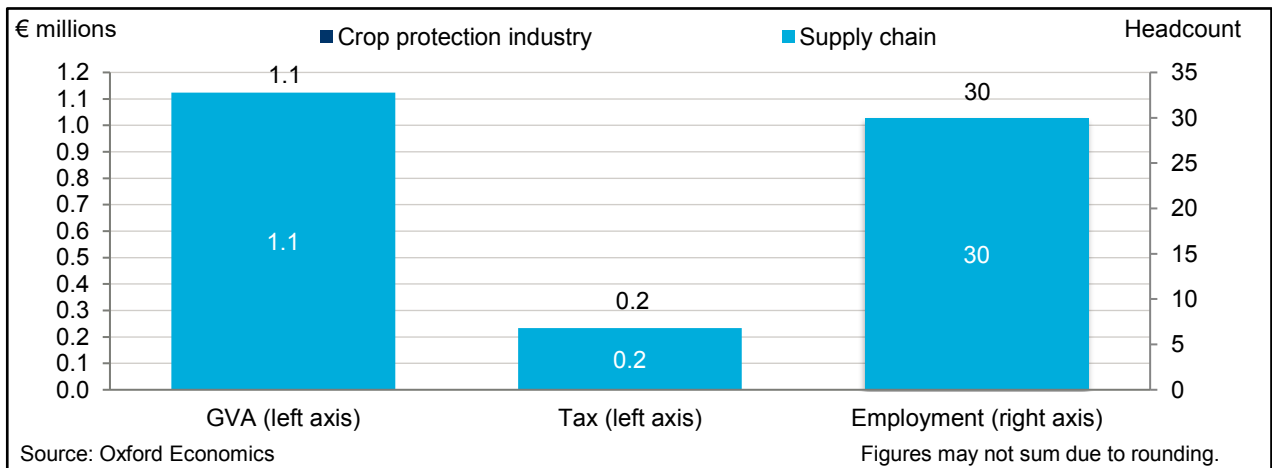
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	-	-	-
Procurement spend	-	-	-
Employee compensation	-	-	-

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	-	-	-
Tax (€ mn)	-	-	-
Employment (headcount)	-	-	-

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	1.1	27	0.05%
Tax (€ mn)	0.2	27	0.02%
Employment (headcount)	30	27	0.07%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	1.1	27	0.024%
Tax (€ mn)	0.2	27	0.012%
Employment (headcount)	30	27	0.050%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	-	0.12%	0.10%
Share of national economy	-	0.006%	0.008%

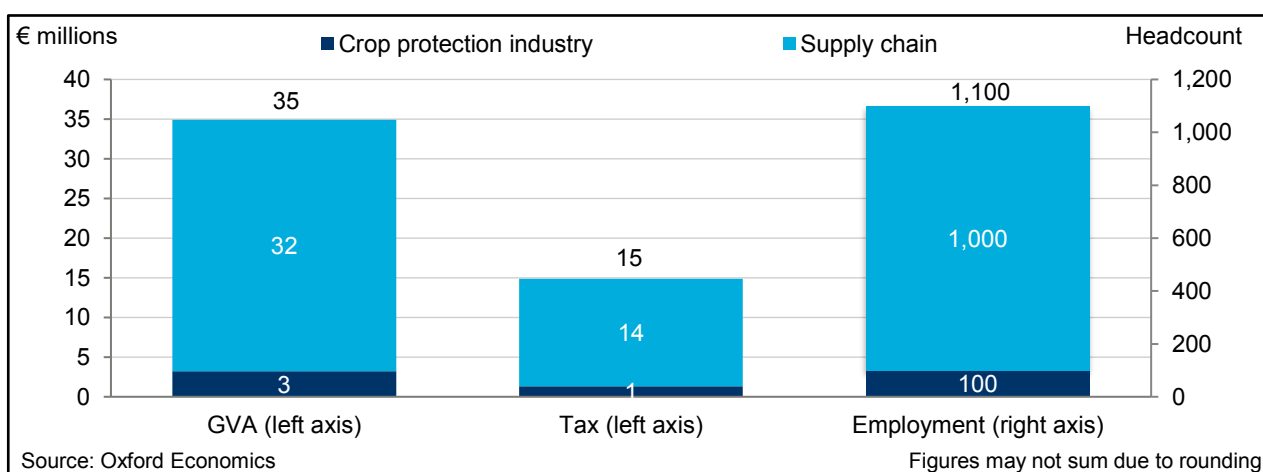
The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Czech Republic

Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	12	18	0.2%
Procurement spend	9	18	0.1%
Employee compensation	1	18	0.1%

The crop protection industry's impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	3	18	0.1%
Tax (€ mn)	1	19	0.2%
Employment (headcount)	100	17	0.6%

The supply chain impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	32	13	1.4%
Tax (€ mn)	14	14	1.3%
Employment (headcount)	1,000	13	2.2%



The total impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	35	16	0.7%
Tax (€ mn)	15	15	0.8%
Employment (headcount)	1,100	15	1.8%

The total impact in context			
2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.01%	0.09%	0.08%
Share of national economy		0.017%	0.021%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.



# Denmark

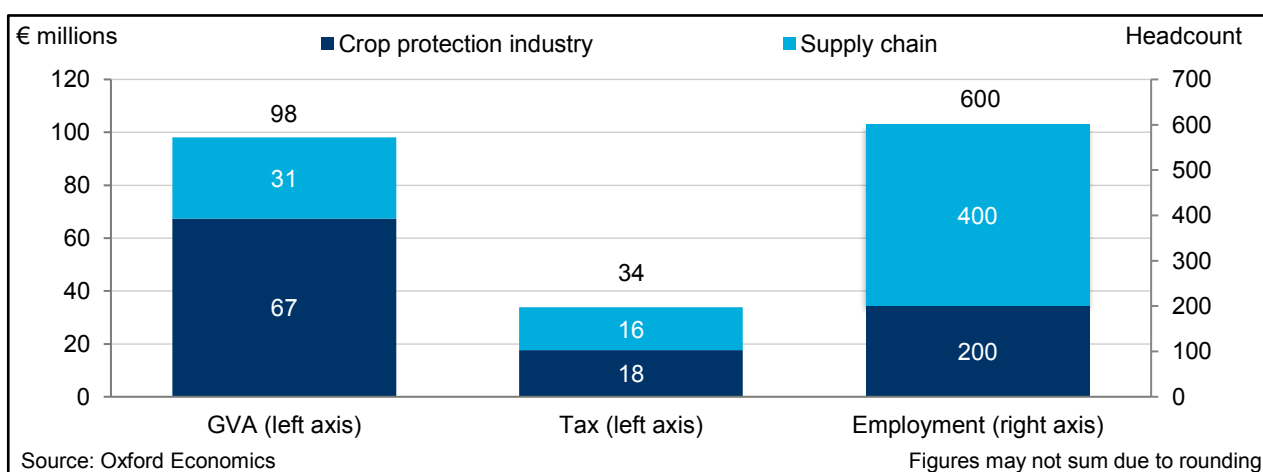
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	171	9	2.1%
Procurement spend	97	10	1.7%
Employee compensation	24	7	2.1%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	67	7	2.8%
Tax (€ mn)	18	9	2.0%
Employment (headcount)	200	15	1.3%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	31	14	1.3%
Tax (€ mn)	16	11	1.6%
Employment (headcount)	400	18	0.9%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	98	10	2.1%
Tax (€ mn)	34	10	1.8%
Employment (headcount)	600	16	1.0%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.16%	0.29%	0.19%
Share of national economy		0.034%	0.021%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Estonia

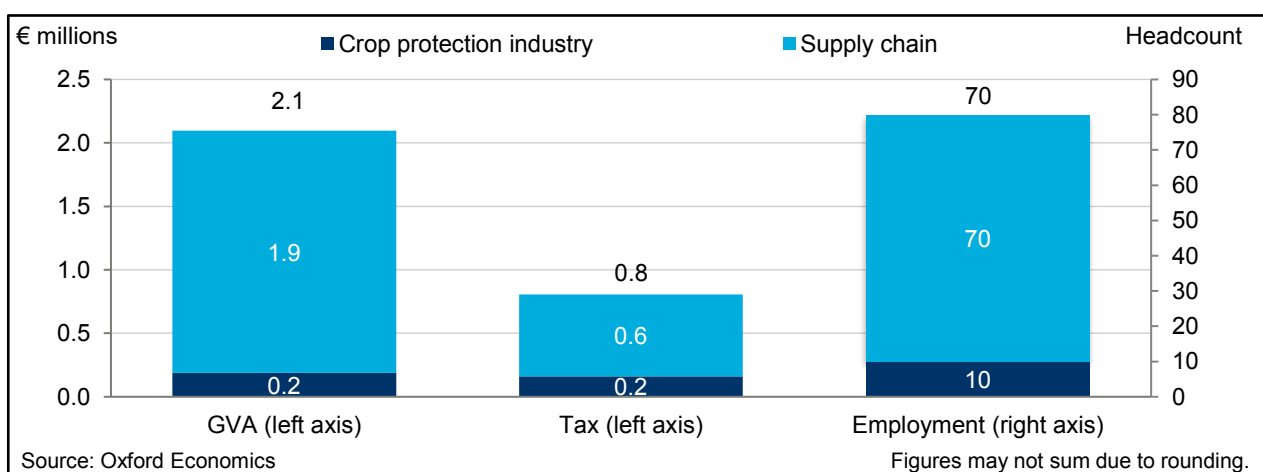
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	1.1	23	0.01%
Procurement spend	0.8	23	0.01%
Employee compensation	0.1	23	0.01%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.2	23	0.01%
Tax (€ mn)	0.2	23	0.02%
Employment (headcount)	10	22	0.06%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	1.9	26	0.08%
Tax (€ mn)	0.6	26	0.06%
Employment (headcount)	70	25	0.16%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	2.1	26	0.04%
Tax (€ mn)	0.8	26	0.04%
Employment (headcount)	70	25	0.12%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.01%	0.07%	0.06%
Share of national economy		0.010%	0.011%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Finland

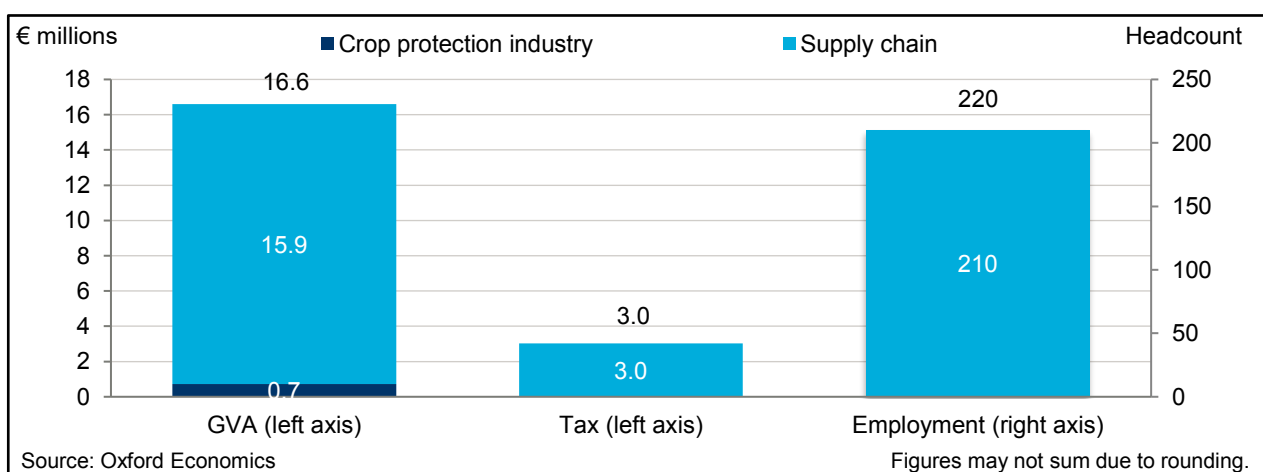
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	2.7	21	0.03%
Procurement spend	1.9	21	0.03%
Employee compensation	0.3	22	0.02%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.7	21	0.03%
Tax (€ mn)	0.03	24	0.00%
Employment (headcount)	0	23	0.00%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	15.9	18	0.68%
Tax (€ mn)	3.0	21	0.30%
Employment (headcount)	210	21	0.47%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	16.6	19	0.35%
Tax (€ mn)	3.0	21	0.16%
Employment (headcount)	220	21	0.36%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.002%	0.06%	0.07%
Share of national economy		0.009%	0.009%

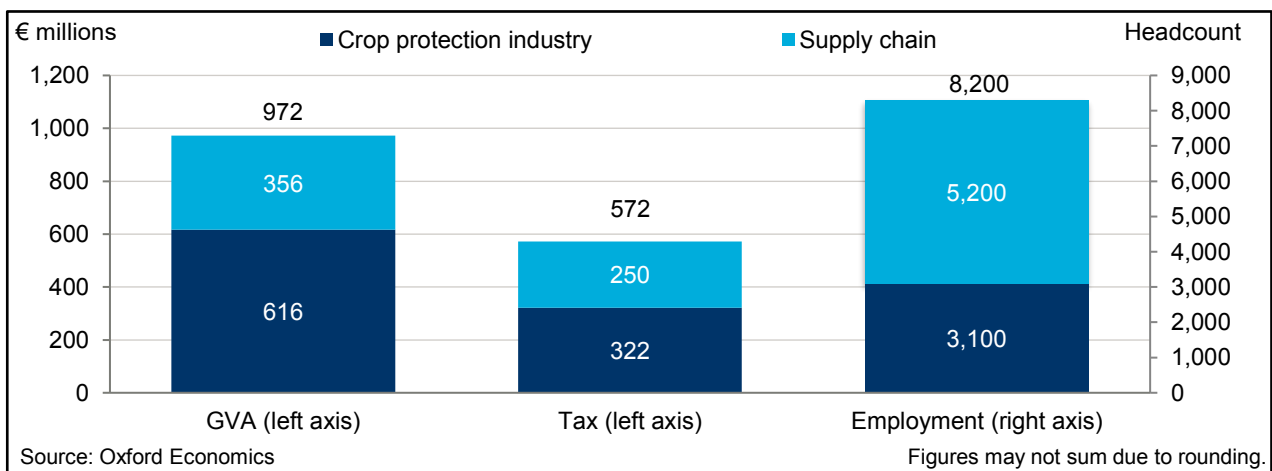
The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# France

Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	2,186	2	26.5%
Procurement spend	1,574	1	27.4%
Employee compensation	313	2	27.5%

The crop protection industry's impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	616	2	26.0%
Tax (€ mn)	322	1	36.9%
Employment (headcount)	3,100	2	19.7%

The supply chain impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	356	2	15.2%
Tax (€ mn)	250	1	24.7%
Employment (headcount)	5,200	3	11.6%



The total impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	972	2	20.6%
Tax (€ mn)	572	1	30.3%
Employment (headcount)	8,200	3	13.6%

The total impact in context			
2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.25%	0.45%	0.28%
Share of national economy		0.042%	0.029%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Germany

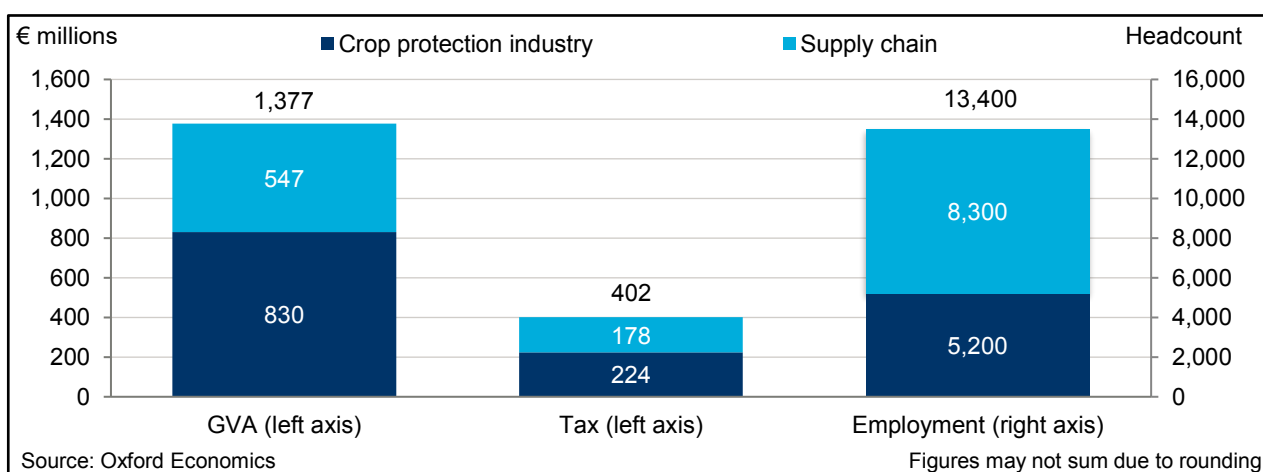
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	2,433	1	29.5%
Procurement spend	1,533	2	26.6%
Employee compensation	445	1	39.1%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	830	1	35.0%
Tax (€ mn)	224	2	25.7%
Employment (headcount)	5,200	1	33.1%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	547	1	23.3%
Tax (€ mn)	178	2	17.5%
Employment (headcount)	8,300	1	18.6%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	1,377	1	29.2%
Tax (€ mn)	402	2	21.3%
Employment (headcount)	13,400	1	22.2%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.13%	0.24%	0.18%
Share of national economy		0.041%	0.030%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Greece

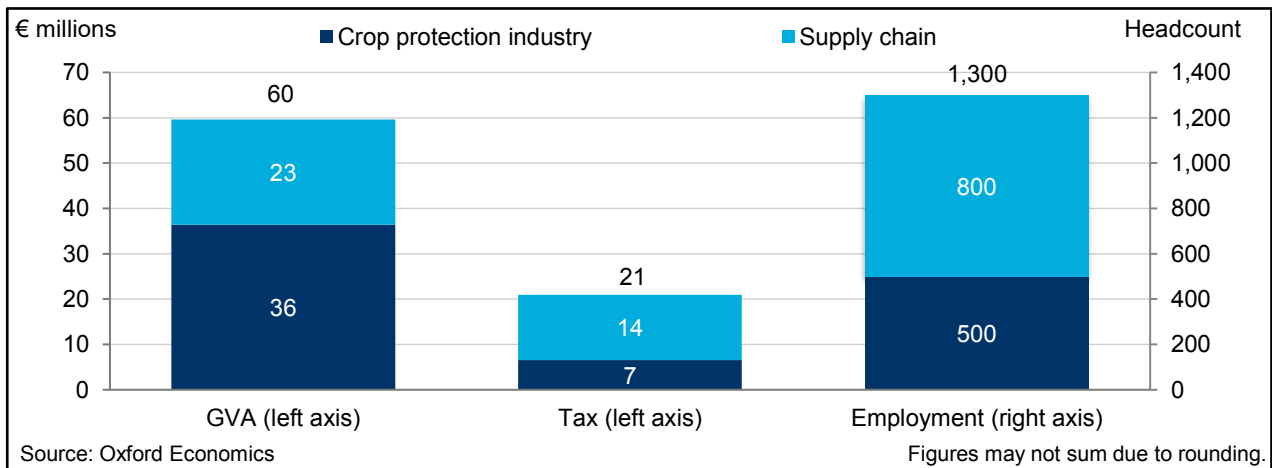
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	76	13	0.9%
Procurement spend	37	13	0.7%
Employee compensation	11	11	0.9%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	36	11	1.5%
Tax (€ mn)	7	12	0.8%
Employment (headcount)	500	8	3.2%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	23	16	1.0%
Tax (€ mn)	14	13	1.4%
Employment (headcount)	800	15	1.8%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	60	13	1.3%
Tax (€ mn)	21	13	1.1%
Employment (headcount)	1,300	13	2.2%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.17%	0.57%	0.41%
Share of national economy		0.031%	0.031%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Hungary

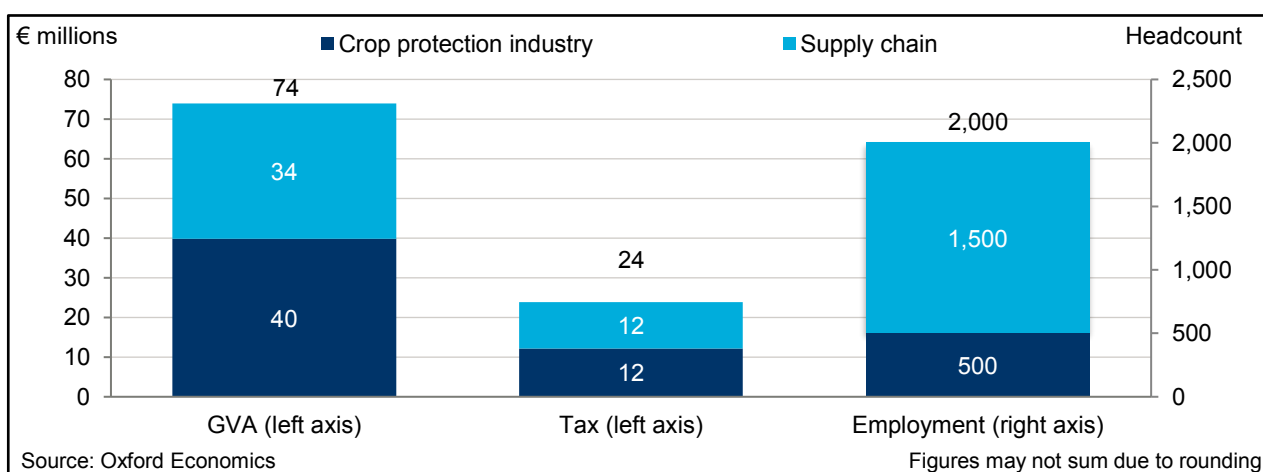
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	159	10	1.9%
Procurement spend	111	9	1.9%
Employee compensation	10	12	0.9%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	40	10	1.7%
Tax (€ mn)	12	10	1.4%
Employment (headcount)	500	7	3.2%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	34	12	1.5%
Tax (€ mn)	12	15	1.2%
Employment (headcount)	1,500	9	3.4%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	74	11	1.6%
Tax (€ mn)	24	12	1.3%
Employment (headcount)	2,000	8	3.3%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.16%	0.34%	0.26%
Share of national economy		0.057%	0.044%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Ireland

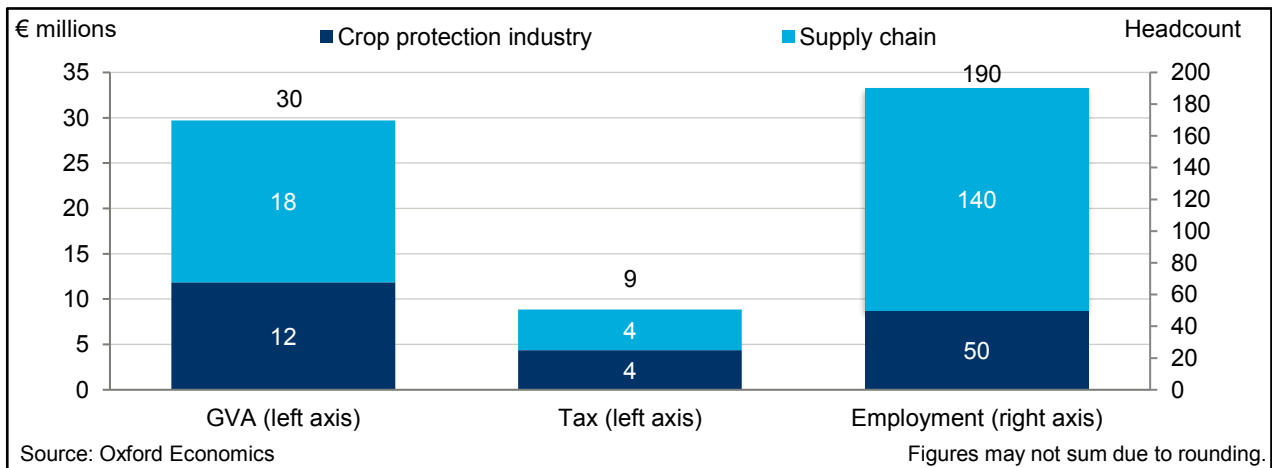
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	40	14	0.5%
Procurement spend	28	14	0.5%
Employee compensation	4	14	0.4%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	12	14	0.5%
Tax (€ mn)	4	14	0.5%
Employment (headcount)	50	18	0.3%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	18	17	0.8%
Tax (€ mn)	4	20	0.4%
Employment (headcount)	140	23	0.3%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	30	17	0.6%
Tax (€ mn)	9	18	0.5%
Employment (headcount)	190	22	0.3%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.02%	0.03%	0.09%
Share of national economy		0.010%	0.009%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

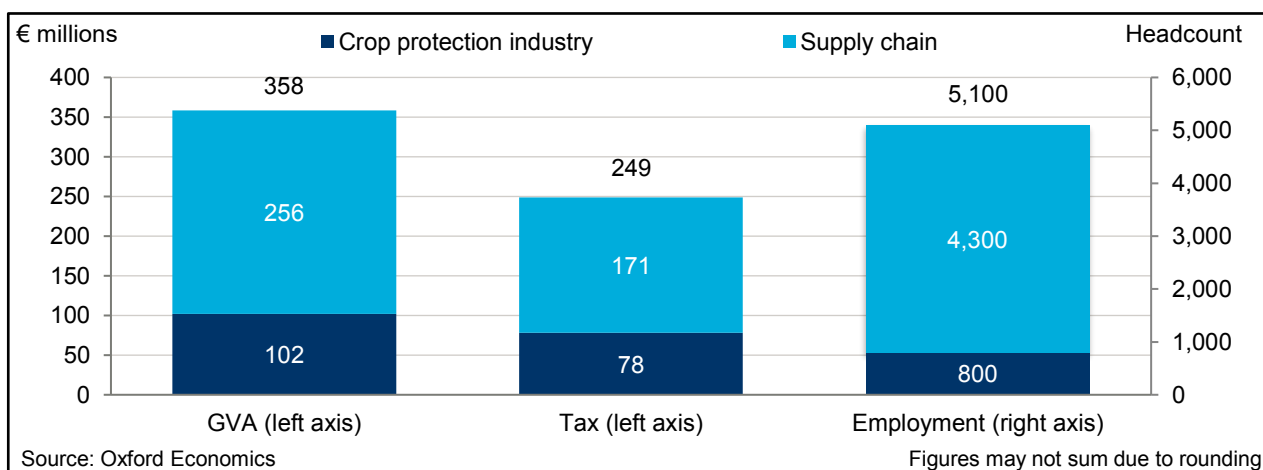


# Italy

Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	473	4	5.7%
Procurement spend	366	4	6.4%
Employee compensation	54	5	4.7%

The crop protection industry's impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	102	5	4.3%
Tax (€ mn)	78	3	9.0%
Employment (headcount)	800	4	5.1%

The supply chain impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	256	4	10.9%
Tax (€ mn)	171	3	16.8%
Employment (headcount)	4,300	4	9.6%



The total impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	358	4	7.6%
Tax (€ mn)	249	3	13.2%
Employment (headcount)	5,100	4	8.4%

The total impact in context			
2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.05%	0.16%	0.14%
Share of national economy		0.022%	0.020%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Latvia

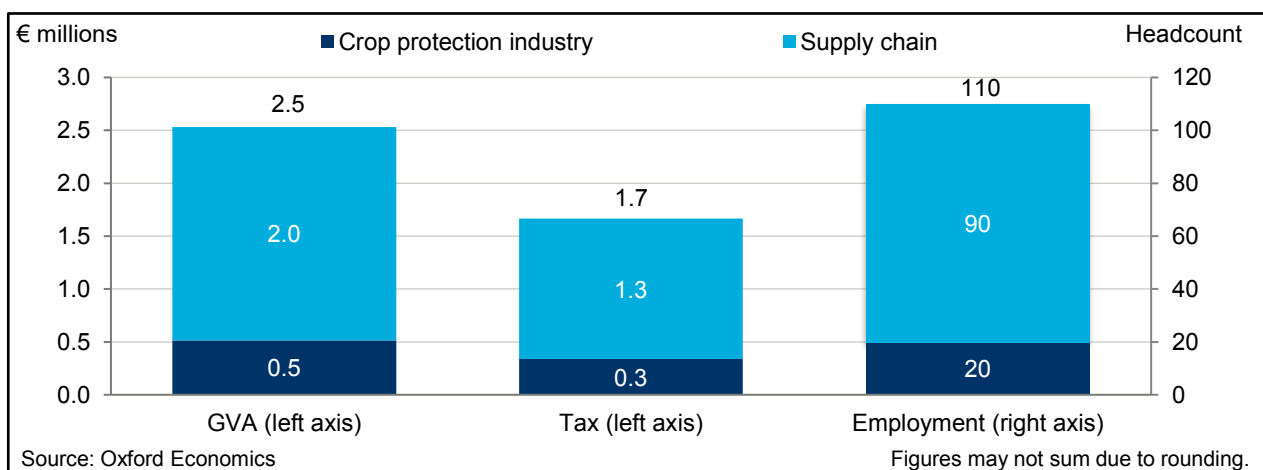
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	2.1	22	0.03%
Procurement spend	1.5	22	0.03%
Employee compensation	0.3	21	0.03%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.5	22	0.02%
Tax (€ mn)	0.3	20	0.04%
Employment (headcount)	20	19	0.13%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	2.0	25	0.09%
Tax (€ mn)	1.3	25	0.13%
Employment (headcount)	90	24	0.20%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	2.5	25	0.05%
Tax (€ mn)	1.7	25	0.09%
Employment (headcount)	110	24	0.18%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.03%	0.12%	0.09%
Share of national economy	-	0.010%	0.012%

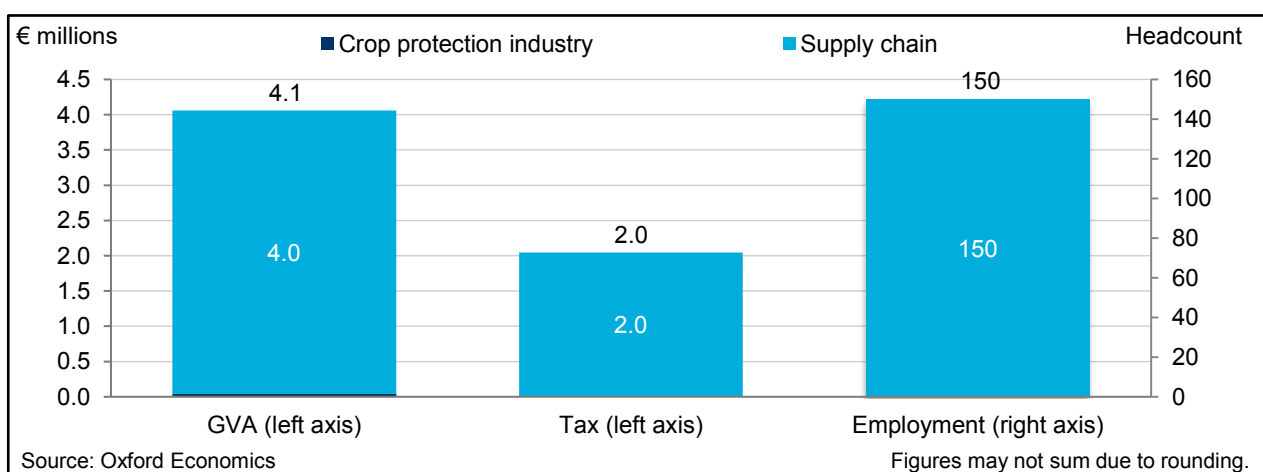
The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Lithuania

Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	0.2	24	0.00%
Procurement spend	0.1	24	0.00%
Employee compensation	0.0	24	0.00%

The crop protection industry's impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.04	24	0.00%
Tax (€ mn)	0.01	25	0.00%
Employment (headcount)	0	24	0.00%

The supply chain impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	4.0	24	0.17%
Tax (€ mn)	2.0	22	0.20%
Employment (headcount)	150	22	0.34%



The total impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	4.1	24	0.09%
Tax (€ mn)	2.0	22	0.11%
Employment (headcount)	150	23	0.25%

The total impact in context			
2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.001%	0.10%	0.07%
Share of national economy	-	0.010%	0.011%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Luxembourg

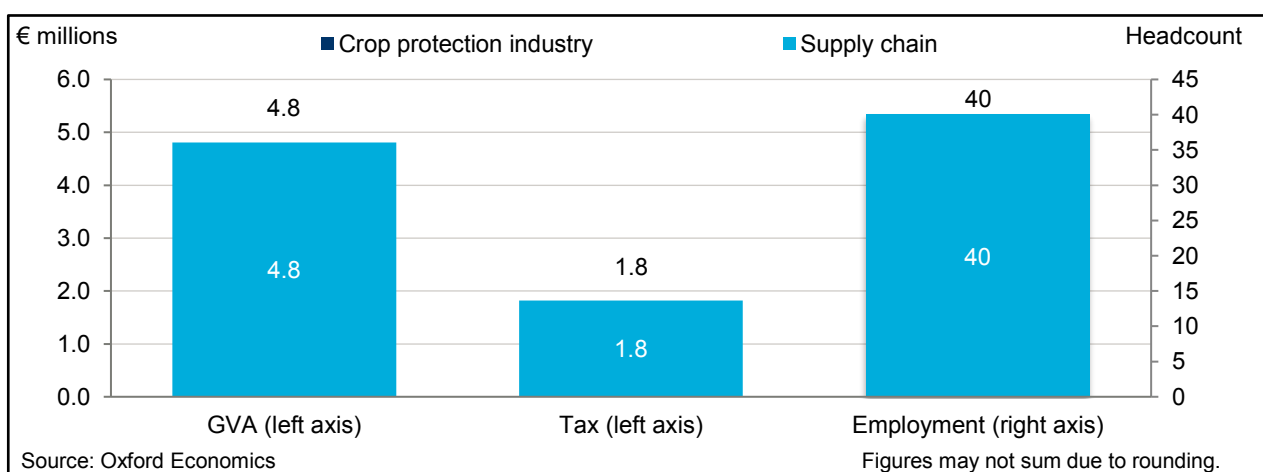
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	-	-	-
Procurement spend	-	-	-
Employee compensation	-	-	-

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	-	-	-
Tax (€ mn)	-	-	-
Employment (headcount)	-	-	-

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	4.8	23	0.20%
Tax (€ mn)	1.8	23	0.18%
Employment (headcount)	40	26	0.09%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	4.8	23	0.10%
Tax (€ mn)	1.8	23	0.10%
Employment (headcount)	40	26	0.07%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	-	0.15%	0.12%
Share of national economy	-	0.010%	0.009%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Malta

## Overview

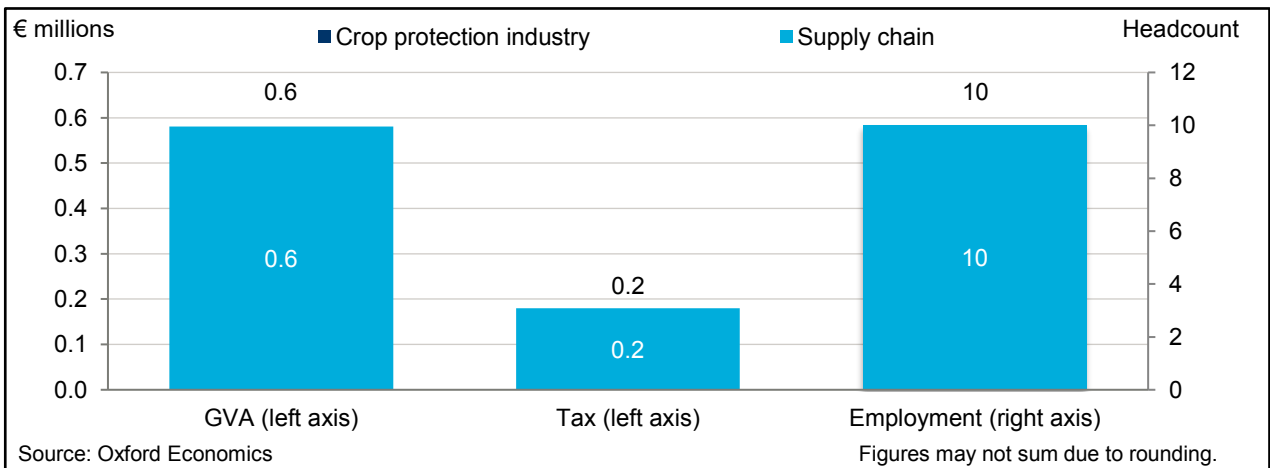
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	-	-	-
Procurement spend	-	-	-
Employee compensation	-	-	-

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	-	-	-
Tax (€ mn)	-	-	-
Employment (headcount)	-	-	-

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.6	28	0.02%
Tax (€ mn)	0.2	28	0.02%
Employment (headcount)	10	28	0.02%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	0.6	28	0.01%
Tax (€ mn)	0.2	28	0.01%
Employment (headcount)	10	28	0.02%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	-	0.08%	0.05%
Share of national economy	-	0.006%	0.005%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Netherlands

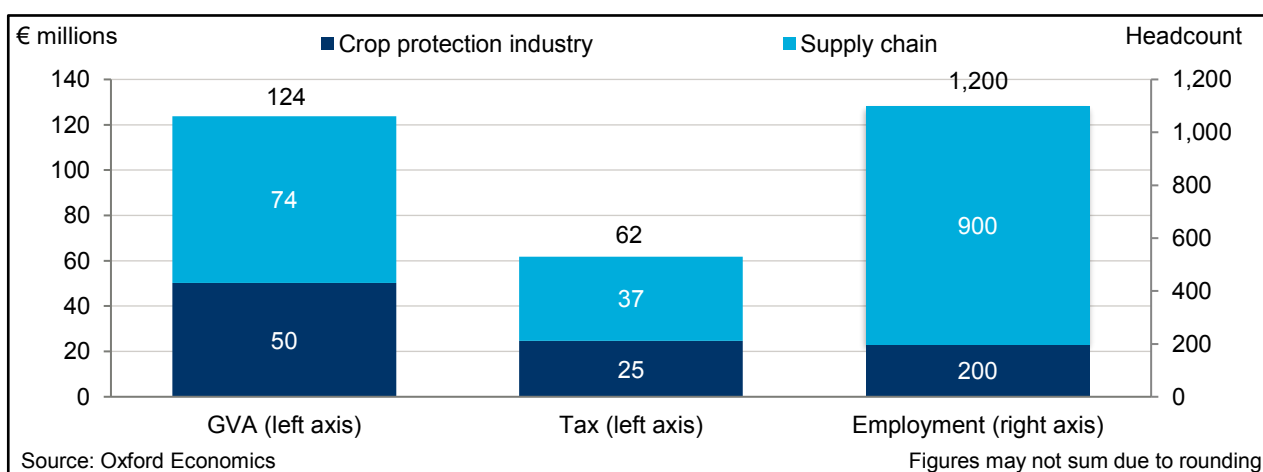
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	230	7	2.8%
Procurement spend	175	7	3.0%
Employee compensation	18	9	1.6%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	50	8	2.1%
Tax (€ mn)	25	7	2.8%
Employment (headcount)	200	14	1.3%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	74	9	3.1%
Tax (€ mn)	37	6	3.7%
Employment (headcount)	900	14	2.0%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	124	8	2.6%
Tax (€ mn)	62	6	3.3%
Employment (headcount)	1,200	14	2.0%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.07%	0.18%	0.17%
Share of national economy		0.016%	0.013%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Poland

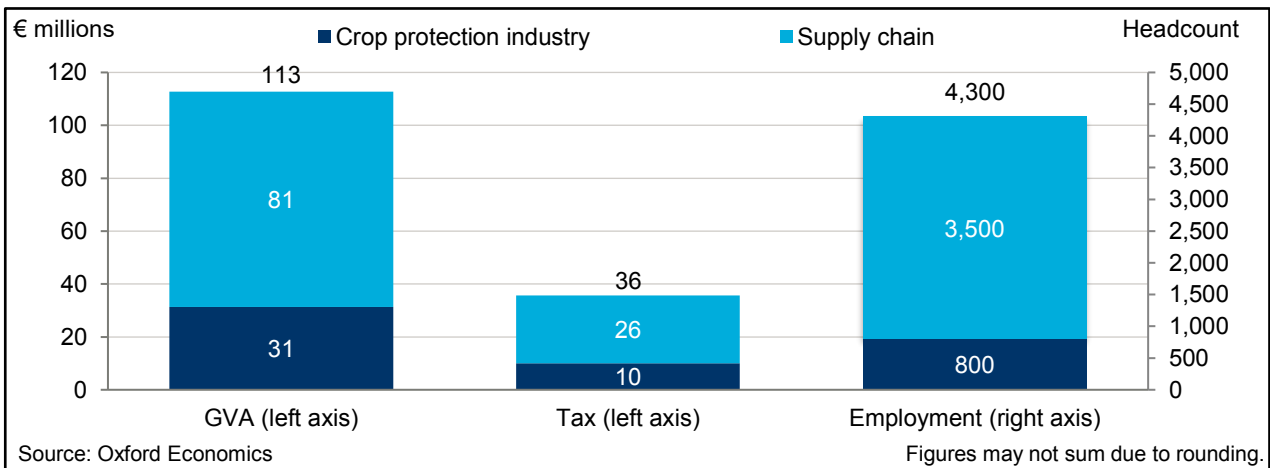
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	114	11	1.4%
Procurement spend	82	11	1.4%
Employee compensation	13	10	1.2%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	31	12	1.3%
Tax (€ mn)	10	11	1.1%
Employment (headcount)	800	5	5.1%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	81	7	3.5%
Tax (€ mn)	26	9	2.5%
Employment (headcount)	3,500	5	7.8%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	113	9	2.4%
Tax (€ mn)	36	9	1.9%
Employment (headcount)	4,300	5	7.1%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.04%	0.17%	0.16%
Share of national economy		0.021%	0.026%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Portugal

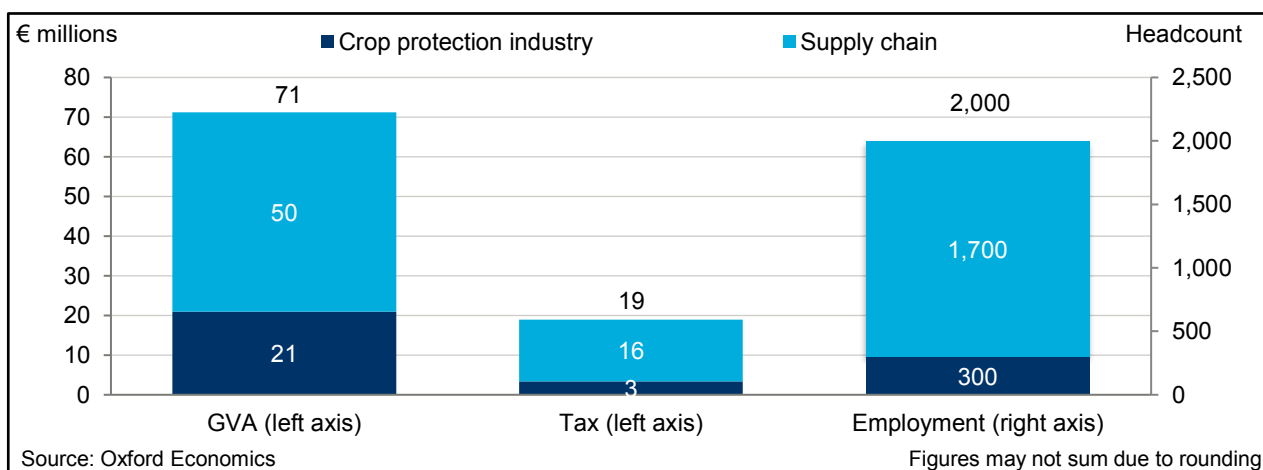
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	104	12	1.3%
Procurement spend	80	12	1.4%
Employee compensation	9	13	0.8%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	21	13	0.9%
Tax (€ mn)	3	16	0.4%
Employment (headcount)	300	12	1.9%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	50	10	2.1%
Tax (€ mn)	16	12	1.5%
Employment (headcount)	1,700	8	3.8%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	71	12	1.5%
Tax (€ mn)	19	14	1.0%
Employment (headcount)	2,000	9	3.3%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.12%	0.35%	0.28%
Share of national economy		0.036%	0.042%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.



# Romania

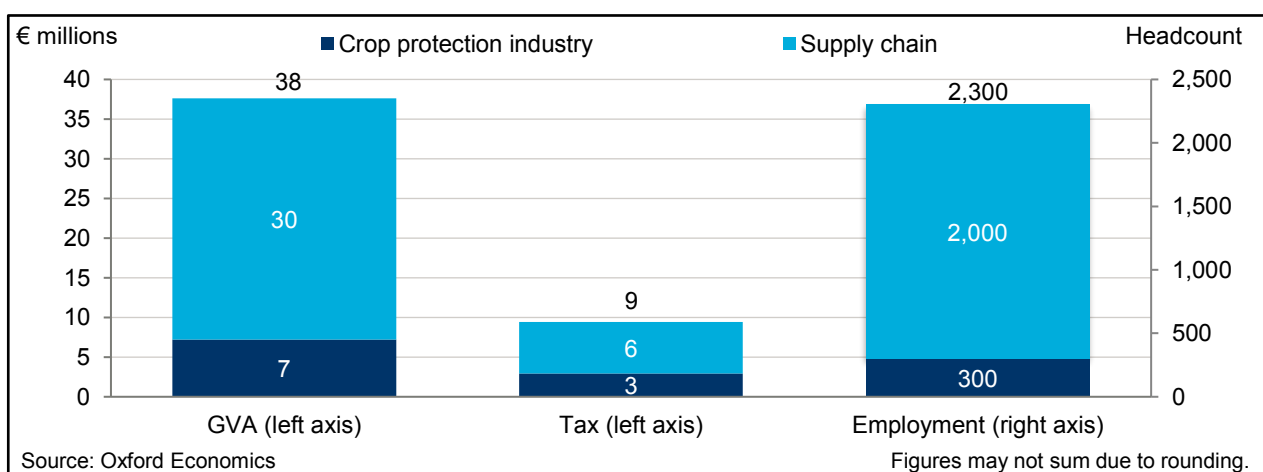
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	22	17	0.3%
Procurement spend	14	17	0.3%
Employee compensation	2	17	0.2%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	7	17	0.3%
Tax (€ mn)	3	17	0.3%
Employment (headcount)	300	13	1.9%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	30	15	1.3%
Tax (€ mn)	6	16	0.6%
Employment (headcount)	2,000	7	4.5%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	38	15	0.8%
Tax (€ mn)	9	17	0.5%
Employment (headcount)	2,300	7	3.8%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.03%	0.22%	0.19%
Share of national economy		0.021%	0.027%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Slovakia

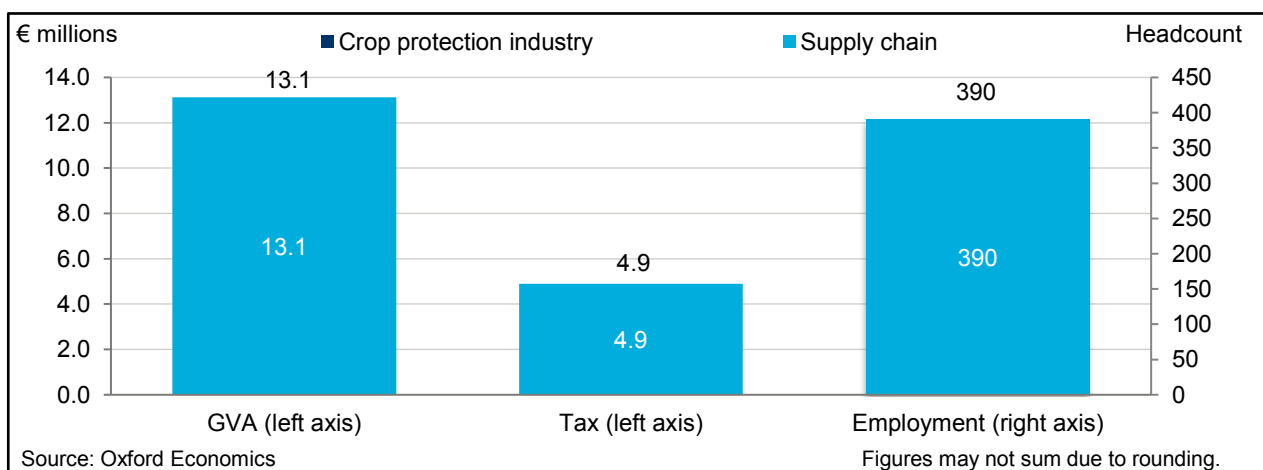
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	-	-	-
Procurement spend	-	-	-
Employee compensation	-	-	-

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	-	-	-
Tax (€ mn)	-	-	-
Employment (headcount)	-	-	-

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	13.1	19	0.56%
Tax (€ mn)	4.9	19	0.48%
Employment (headcount)	390	17	0.87%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	13.1	21	0.28%
Tax (€ mn)	5.2	20	0.27%
Employment (headcount)	390	18	0.65%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	-	0.10%	0.08%
Share of national economy	-	0.016%	0.016%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Slovenia

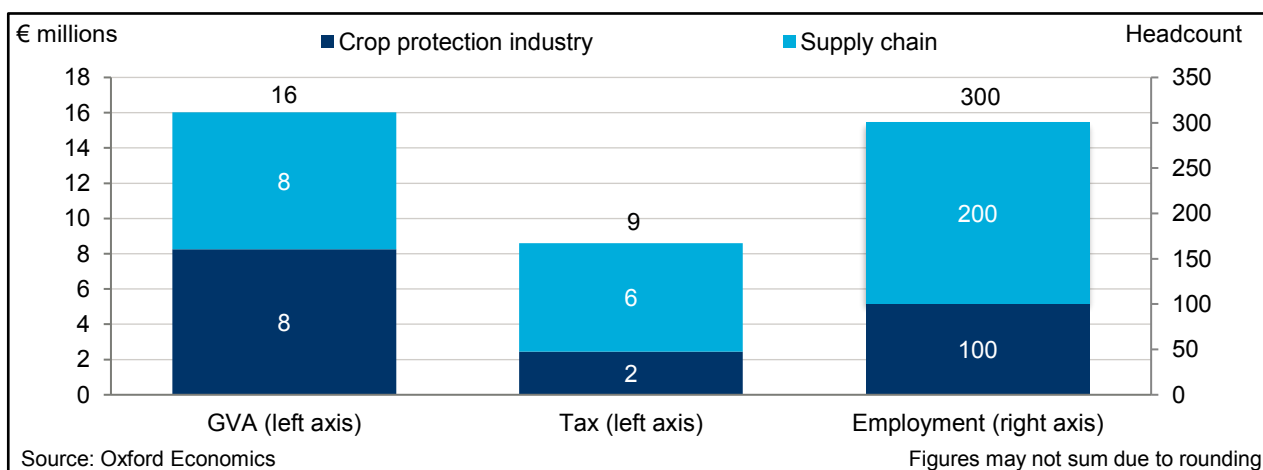
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	28	16	0.3%
Procurement spend	19	16	0.3%
Employee compensation	4	15	0.4%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	8	16	0.3%
Tax (€ mn)	2	18	0.3%
Employment (headcount)	100	16	0.6%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	8	21	0.3%
Tax (€ mn)	6	17	0.6%
Employment (headcount)	200	20	0.4%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	16	20	0.3%
Tax (€ mn)	9	19	0.5%
Employment (headcount)	300	19	0.5%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.10%	0.21%	0.15%
Share of national economy		0.024%	0.030%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Spain

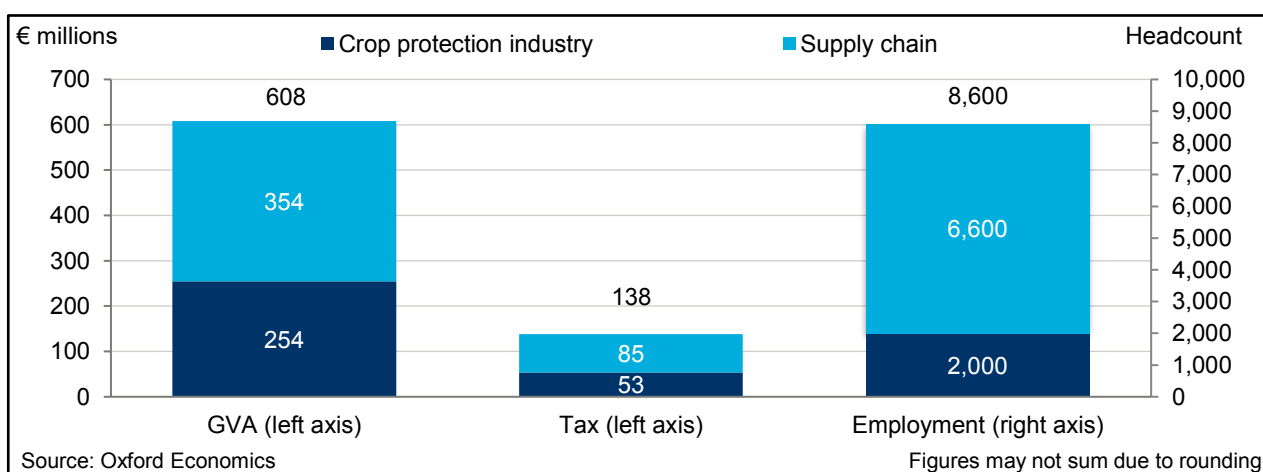
Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	1,130	3	13.7%
Procurement spend	847	3	14.7%
Employee compensation	112	3	9.8%

## The crop protection industry's impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	254	3	10.7%
Tax (€ mn)	53	4	6.1%
Employment (headcount)	2,000	3	12.7%

## The supply chain impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	354	3	15.1%
Tax (€ mn)	85	4	8.3%
Employment (headcount)	6,600	2	14.8%



## The total impact

2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	608	3	12.9%
Tax (€ mn)	138	4	7.3%
Employment (headcount)	8,600	2	14.2%

## The total impact in context

2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.24%	0.58%	0.45%
Share of national economy		0.048%	0.044%

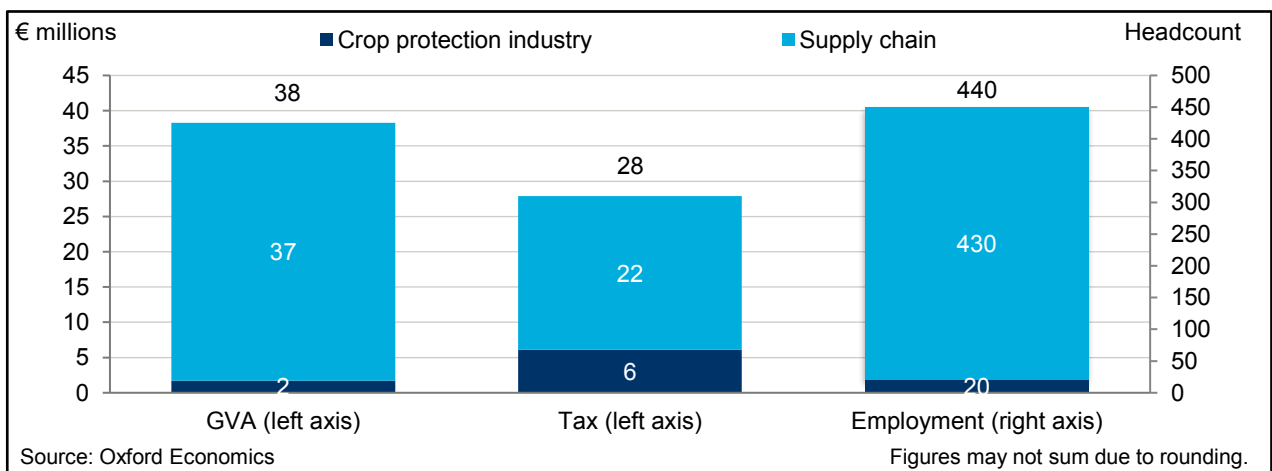
The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# Sweden

Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	5	19	0.1%
Procurement spend	3	19	0.1%
Employee compensation	1	19	0.0%

The crop protection industry's impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	2	19	0.1%
Tax (€ mn)	6	13	0.7%
Employment (headcount)	20	20	0.1%

The supply chain impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	37	11	1.6%
Tax (€ mn)	22	10	2.1%
Employment (headcount)	430	16	1.0%



The total impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	38	14	0.8%
Tax (€ mn)	28	11	1.5%
Employment (headcount)	440	17	0.7%

The total impact in context			
2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.003%	0.07%	0.07%
Share of national economy		0.008%	0.009%

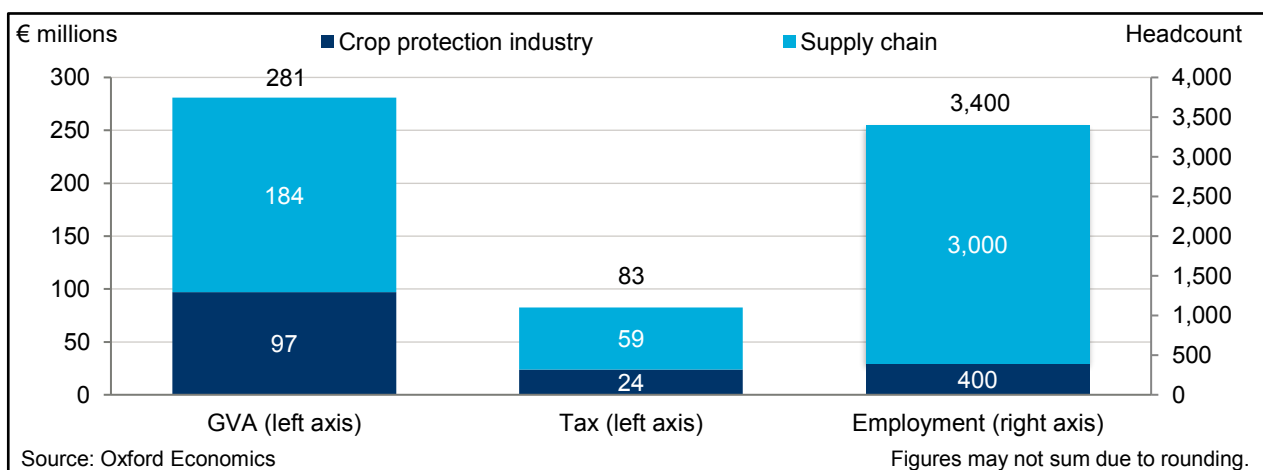
The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

# United Kingdom

Overview			
2017	Total (€ mn)	Rank (EU28)	Share of EU28
Production value	328	6	4.0%
Procurement spend	241	6	4.2%
Employee compensation	31	6	2.7%

The crop protection industry's impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	97	6	4.1%
Tax (€ mn)	24	8	2.7%
Employment (headcount)	400	9	2.5%

The supply chain impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	184	5	7.8%
Tax (€ mn)	59	7	3.4%
Employment (headcount)	3,000	6	6.7%



The total impact			
2017	Total	Rank (EU28)	Share of EU28
Gross value added (€ mn)	281	5	6.0%
Tax (€ mn)	83	7	3.2%
Employment (headcount)	3,400	6	5.6%

The total impact in context			
2017	Value of production	Gross value added	Employment
Share of national manufacturing industry	0.05%	0.14%	0.13%
Share of national economy		0.012%	0.010%

The report considers the following agrochemical products: herbicides, fungicides (including bacteriacides and seed treatments), insecticides, hazardous pesticides, anti-sprouting products and plant growth regulators, rodenticides and other plant protection products.

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