Co-op Transparency Report - 2025

Contents:

Overview: 1

Headline Data: 1

Products tested 2

Detections by product 4

Exceedances 8

Tests by product region and country of origin 9

Active substances detections over time, with PAN HHP and WHO 1a / 1b designations: 13

Active substance trends over time: 16

Overview:

Co-op transparency report 2025, this report includes crop protection and pesticides data for the year of 2025. This report applies to Co-op own brand products. Data relates to the calendar year. For more detail, including the actions we take based on our data, please read our Crop Protection Policy - Co-op_crop_protection_policy_2021.pdf .

Headline Data:

Below is residue statistics, summarised for all countries for 2025.

KPIs	2025
Number of product samples tested	353
Sample with zero residues	112
Samples with 1 residue below Maximum Residue Limit - European Food Safety Authority (MRL)	54
Samples with multiple residues all below MRL	177
Samples with at least 1 MRL exceedance	10
Number of pesticide actives detected	632
Average detections per sample	1.79
Number of these classified by the World Health Organization Recommended Classification of Pesticides by Hazard (Categories 1A and 1B)	0 (1A); 1 (1B)
Number of these classified on PAN International List of Highly Hazardous Pesticides	262 (42)

Please note, PAN-UK updated the HHP list in 2024 with additional actives declared as HHPs in the version revision.

Products tested

Products were selected for testing based on both the HSE pesticide testing survey and products known to have potentially higher residue detections than others. In 2025, 104 different product types were tested, with 353 samples in total tested. The table below is ordered by the most frequently tested products in 2025.

Products Tested - 2025 Data	
Product	**No of samples tested**
Grapes	17
Tomatoes	15
Apples	13
Oranges	11
Blueberries	10
Beans without pod	9
Carrots	9
Raspberries	9
Spinach	9
Strawberries	9
Broccoli	8
Pear	8
Potatoes	8
Peas with pod	7
Bananas	6
Cherries	6
Chillies	6
Lettuce	6
Peppers	6
Plums	6
Coriander	5
Lemon	5
Mango	5
Parsley	5
Pineapple	5
Cucumber	4
Kale	4
Kiwi	4
Mangetout	4
Melon	4
Onion	4
Sweet Potatoes	4
Basil	3
Beans with pod	3
Blackberries	3
Bread	3
Brussels Sprouts	3

Cabbage	3
Garlic	3
Grapefruit	3
Mushroom	3
Nectarine	3
Pumpkin Seeds	3
Salad	3
Spring Onion	3
Watermelon	3
Wine	3
Asparagus	2
Avocado	2
Butternut Squash	2
Cavalo Nero	2
Celery	2
Clementine	2
Courgette	2
Cumin	2
Ginger	2
Leeks	2
Limes	2
Orange Juice	2
Peach	2
Popcorn	2
Processed / Tinned Beans	2
Rocket	2
Rosemary	2
Shallots	2
Swede	2
Tea	2
Apricot	1
Aubergine	1
Baby Corn	1
Barley	1
Basmati Rice	1
Beetroot	1
Bread Mix	1
Cauliflower	1
Chicken	1
Chickpeas	1
Coffee	1
Crisps	1
Desiccated Coconut	1
Dried Apricot	1
Easy peelers	1
Eggs	1

Gammon	1
Honey	1
Iceberg	1
Mandarins	1
Milk	1
Minced Beef	1
Mint	1
Pakchoi	1
Parsnips	1
Penne	1
Pistachio	1
Pumpkin	1
Radish	1
Rapeseed Oil	1
Salmon	1
Sesame Seeds	1
Spread	1
Sultanas	1
Sunflower Seeds	1
Sweetcorn	1
Tinned / Processed Marrowfat Peas	1

Detections by product

This table includes only those products that were tested, and a residue was detected. 353 samples were tested for multiple residues each, resulting in 226,033 test results. A single sample could have multiple residues of different active substances detected. From 353 samples tested, 112 had no residues present, 231 had at least 1 residue detected, and 10 samples had at least 1 exceedance. There was a total of 632 actives detections.

Detections by Product					
Product	**No. of samples tested**	**No. of samples with detection**	**No. of samples with 1 residue below MRL**	**No. samples with multiple residues below MRL**	**No. Exceedances**
Apple	4	3		3	
Apples	8	6	1	5	
Apricot	1	0			
Asparagus	2	1		1	
Aubergine	1	1	1		

Avocado	2	0			
Baby Corn	1	1		1	
Baby spinach	2	2	1	1	
Banana	3	2	2		
Bananas	3	3		3	
Barley	1	0			
Basil	3	3		3	
Basmati Rice	1	1		1	
Beans	11	5	1	4	
Beetroot	1	0			
Blackberries	2	2	1	1	
Blackberry	1	1		1	
Blueberries	5	3	2	1	
Blueberry	5	4	2	2	
Braeburn Apples	1	1			1
Bread	3	2		2	
Bread Mix	1	1		1	
Broccoli	7	5	2	3	
Broccoli	1	1		1	
Brussel sprouts	1	0			
Brussels Sprouts	2	1		1	
Butternut Squash	2	0			
Cabbage	3	1		1	
Carrot	1	0			
Carrots	8	4		4	
Cauliflower	1	0			
Cavalo Nero	1	1			1
Cavolo Nero	1	1		1	
Celery	2	0			
Cherries	4	4		3	1
Cherry	2	2		2	
Chicken	1	0			
Chickpeas	1	0			
Chillies	1	1		1	
Chilli	1	1	1		
Chillies	3	2		2	
Clementine	2	2		2	
Coffee	1	0			
Conference Pears	1	1			1
Coriander	5	5	1	4	
Courgette	1	0			
Courgettes	1	0			
Crisps	1	0			
Cucumber	4	2		2	
Cumin	2	2		2	

Desiccated Coconut	1	1		1	
Dried Apricot	1	1		1	
Dwarf Beans	1	1	1		
Easy peelers	1	1		1	
Eggs	1	1		1	
Gammon	1	0			
Garlic	3	1		1	
Ginger	2	2	1	1	
Grape	5	5	3	2	
Grapefruit	3	3		3	
Grapes	12	12	1	11	
Honey	1	0			
Iceberg	1	0			
Kale	3	3	1	2	
Kiwi	4	1	1		
Leeks	2	2		2	
Lemon	3	3	1	2	
Lemons	2	2		2	
Lettuce	5	3	1	2	
Lime	1	1		1	
limes	1	1		1	
Mandarins	1	1		1	
Mangetout	4	3		3	
Mango	5	5	1	4	
Marrowfat Peas	1	0			
Melon	4	4	2	2	
Milk	1	0			
Minced Beef	1	0			
Mint	1	1		1	
Mixed Chillies	1	0			
Mixed Salad	1	1		1	
Mushroom	3	0			
Nectarine	1	1		1	
Nectarine Punnet	1	1		1	
Nectarines	1	1		1	
Onion	3	1	1		
Onions	1	0			
Orange	6	6		6	
Orange Juice	2	0			
Oranges	4	4		4	
Pak Choi	1	0			
Parsley	5	3		3	
Parsnips	1	1	1		
Pea	1	0			
Peach	2	2		2	

Pear	7	7	3	4	
Peas	3	3		3	
Penne	1	0			
Peppers	5	2	1	1	
Pineapple	4	2	2		
Pineapples	1	1		1	
Pistachio	1	1	1		
Plum	1	1		1	
Plums	5	5	2	3	
Popcorn	1	0			
Popcorns	1	1		1	
Potato	2	0			
Potatoes	6	2	2		
Pre-pack Oranges	1	1			1
Pumpkin	1	0			
Pumpkin Seeds	3	2		1	1
Radish	1	0			
Rapeseed Oil	1	0			
Raspberries	6	5	1	4	
Raspberry	3	3		3	
Rocket	1	1		1	
Rockets	1	1		1	
Romaine	1	0			
Rosemary	2	2	1	1	
Salad	2	2		2	
Salad Onion	1	0			
Salmon	1	0			
Sesame Seeds	1	1			1
Shallot	1	0			
Shallots	1	0			
Sliced Curly Kale	1	1			1
Spinach	7	6	1	5	
Spread	1	0			
Spring Onion	1	1		1	
Spring onions	1	1			1
Strawberries	5	5	2	3	
Strawberry	4	3		3	
Stringless Beans	2	0			
Sugarsnap	1	1	1		
Sugarsnap Peas	2	2		1	1
Sultanas	1	1		1	
Sunflower Seeds	1	1		1	
Swede	2	0			
Sweet Peppers	1	1		1	
Sweet potato	1	1	1		
Sweet Potatoes	3	3	2	1	

Sweetcorn	1	0			
Tea	1	1		1	
Tea Bags	1	0			
Tomato	4	1		1	
Tomatoes	11	9	3	6	
Watermelon	3	1	1		
Wine	3	2		2	
Grand Total	**353**	**241**	**54**	**177**	**10**

Average detections per sample:

Average detections per sample	
Number of product samples tested	353
Number of pesticide actives detected	632
Average detections per sample	1.79

Exceedances

2025 Exceedance details:

There were 12 exceedances in 2025, from 10 samples. Of the 12 exceedances, 5 of the active substances are on the PAN HHP list, these are Chlorpyrifos, Procymidone, Indoxacarb, Folpet & Imazalil.

Tests with an exceedance 2025				
Pesticide	**Level Found (mg/kg)**	**Pesticide Type**	**Crop or Crop Group**	**Country**
Chlorpyrifos	0.061 mg/kg	Insecticides	Sesame Seeds	Unknown
Procymidone	0.021 mg/kg	Fungicides	Pumpkin Seeds	Unknown
Pyraclostrobin	0.052 mg/kg	Fungicides	Pumpkin Seeds	Unknown
Fosetyl-Al	4.89 mg/kg	Fungicides	Cherries	Chile
Indoxacarb	0.023 mg/kg	Insecticides	Braeburn Apples	UK
Folpet	0.313 mg/kg	Fungicides	Conference Pears	Netherlands
Aclonifen	0.010 mg/kg	Herbicides	Spring onions	Unknown
Cyantraniliprole	0.24 mg/kg	Insecticides	Sliced Curly Kale	Unknown
Sodium 5-nitroguaiacolate	0.042 mg/kg	Plant Growth Regulator	Sliced Curly Kale	Unknown
Cyromazine	0.092 mg/kg	Insecticides	Sugarsnap Peas	China
Imazalil	4.59 mg/kg	Fungicides	Pre-pack Oranges	South Africa
Cyantraniliprole	0.065 mg/kg	Insecticides	Cavalo Nero	Unknown

Tests by product region and country of origin

Below is a summary of number of tests performed by region / country of origin of the product analysed.

Region	Number of Tests
UK	86
EU	80
Rest of World	118
Unspecified	69

Unspecified includes samples that were for products that originated from a packhouse, or company often located in the UK, but the origin of the product was not specified.

The below table provides a summary of samples tested, samples with a detection & samples with an exceedance by country. The final column of the table also highlights the percentage of samples with a detection by country.

Country	**No. of Samples**	**No. of samples with detection**	**No. of exceedances**	**Percentage of samples with detection (%)**
Argentina	0			
Australia	1	1		100
Belgium	0			
Brazil	6	5		83
Canada	0			
Central America	0			
Chile	7	7	1	100
China	3	3	1	100
Colombia	3	2		67
Costa Rica	2	2		100
Cote d'Ivoire	1	1		100
Croatia	0			
Cyprus	0			
Dominican Republic	0			
Ecuador	0			
Egypt	22	17		77
Ethiopia	0			
France	0			
Germany	0			
Ghana	0			

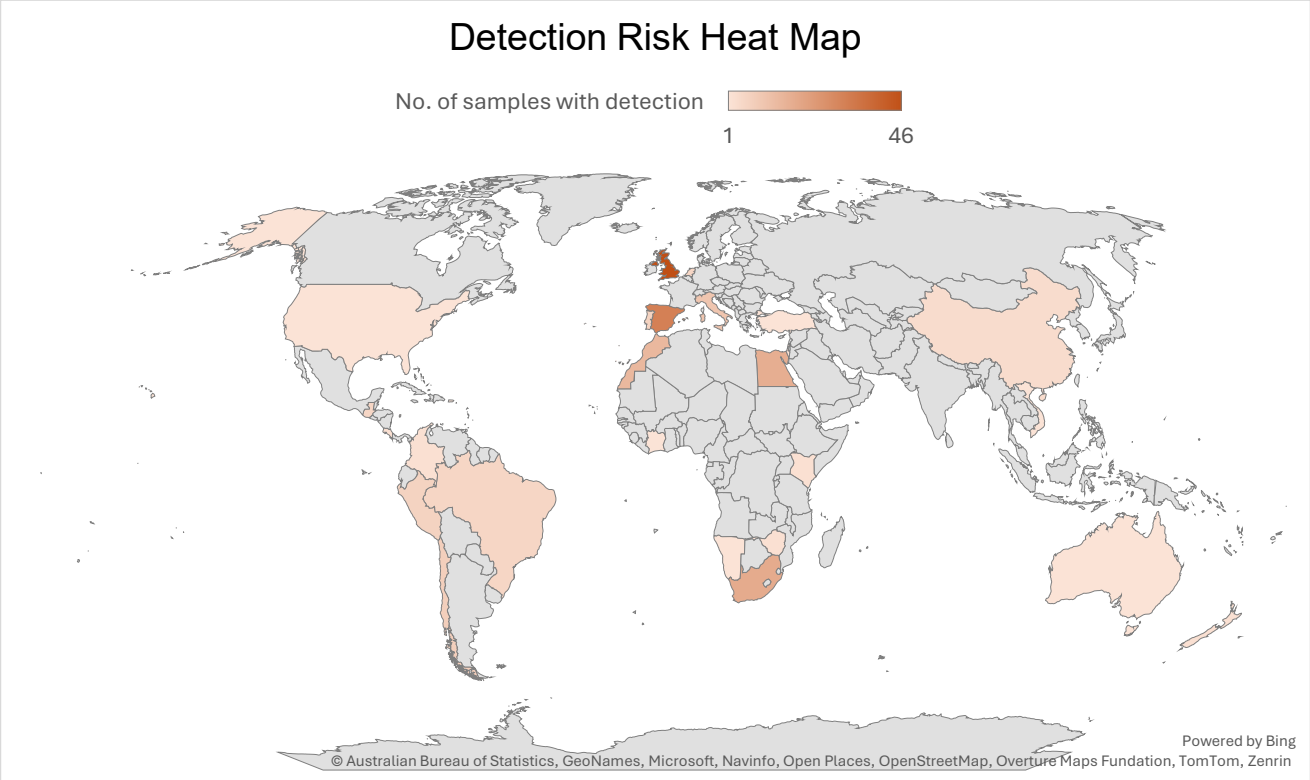
Greece	3			0
Guatemala	6	5		83
Honduras	0			
Hungary	0			
India or Pakistan	4	3		75
Indonesia	0			
Ireland	0			
Israel	1	1		100
Italy	18	10		56
Jersey	2	2		100
Jordan	0			
Kenya	3	2		67
Lebanon	0			
Mexico	1			0
Morocco	18	14		78
Mozambique	0			
Namibia	1	1		100
Netherlands	10	5	1	50
New Zealand	2	2		100
Norway	1			0
Panama	0			
Peru	7	6		86
Poland	0			
Portugal	6	6		100
Puerto Rico	1	1		100
Senegal	0			
Serbia	0			
South Africa	21	18	1	86
Spain	48	31		65
Sri Lanka	0			
Thailand	0			
Tunisia	0			
Turkey	1	1		100
United Kingdom	80	46	1	58
Unspecified	69	37	5	54
USA	1	1		100
Vietnam	1	1		100
Zambia	0			
Zimbabwe	3	2		67

The following table contains the same content as the above table; however, it is ordered from largest to smallest for percentage of samples with a detection.

Country	No. of Samples	No. of samples with detection	No. of exceedances	Percentage of samples with detection
Australia	1	1		100
Chile	7	7	1	100
China	3	3	1	100
Costa Rica	2	2		100
Cote d'Ivoire	1	1		100
Israel	1	1		100
Jersey	2	2		100
Namibia	1	1		100
New Zealand	2	2		100
Portugal	6	6		100
Puerto Rico	1	1		100
Turkey	1	1		100
USA	1	1		100
Vietnam	1	1		100
Peru	7	6		86
South Africa	21	18	1	86
Brazil	6	5		83
Guatemala	6	5		83
Morocco	18	14		78
Egypt	22	17		77
India or Pakistan	4	3		75
Colombia	3	2		67
Kenya	3	2		67
Zimbabwe	3	2		67
Spain	48	31		65
United Kingdom	80	46	1	58
Italy	18	10		56
Unspecified	69	37	5	54
Netherlands	10	5	1	50
Greece	3			0
Mexico	1			0
Norway	1			0
Argentina	0			
Belgium	0			
Canada	0			
Central America	0			
Croatia	0			
Cyprus	0			
Dominican Republic	0			
Ecuador	0			
Ethiopia	0			

France	0			
Germany	0			
Ghana	0			
Honduras	0			
Hungary	0			
Indonesia	0			
Ireland	0			
Jordan	0			
Lebanon	0			
Mozambique	0			
Panama	0			
Poland	0			
Senegal	0			
Serbia	0			
Sri Lanka	0			
Thailand	0			
Tunisia	0			
Zambia	0			

Below is a risk heat map, showcasing risk by country of detection. The darker the red shading for a country, the increased risk of detection it represents.



Active substances detections over time, with PAN HHP and WHO 1a / 1b designations:

Active	Detection Count	PAN HHP	WHO 1A/1B	Comments
Fludioxonil	64	Yes	No	Added to HHP list in 2024.
Azoxystrobin	48	No	No	
Boscalid	40	No	No	
Pyrimethanil	30	No	No	
Pyraclostrobin	24	No	No	
Difenoconazole	23	No	No	
Imazalil	22	Yes	No	
Cyprodinil	20	Yes	No	Added to HHP list in 2024.
chlorantraniliprole	19	Yes	No	
Mandipropamid	19	No	No	
Propamocarb	18	No	No	
Acetamiprid	18	No	No	
Spinosad	18	Yes	No	Includes A & B forms.
Thiabendazole	15	Yes	No	
Dithiocarbamates	14	No	No	
Spirotetramat	12	No	No	
Fenhexamid	11	Yes	No	
Cyantraniliprole	10	No	No	
Fluxapyroxad	10	No	No	
Chlormequat	8	No	No	
Spinetoram	8	Yes	No	
Tebuconazole	7	Yes	No	
Pendimethalin	7	Yes	No	
Ethephon	7	No	No	
Lambda Cyhalothrin	6	Yes	No	
Fluopyram	6	No	No	
Pyriproxyfen	6	No	No	
Metalaxyl	6	No	No	

Dimethomorph	6	Yes	No	Includes E & Z forms. Added to HHP list in 2024.
Glyphosate	5	Yes	No	
Methoxyfenozide	5	No	No	
Fluopicolide	5	No	No	
Imidacloprid	5	Yes	No	
Myclobutanil	4	No	No	
Sulfoxaflor	4	Yes	No	
Cypermethrin	3	Yes	No	
Indoxacarb	3	Yes	No	
2-Phenylphenol	3	No	No	
Bifenthrin	3	Yes	No	
Hexythiazox	3	Yes	No	
Flubendiamide	3	Yes	No	
Piperonyl Butoxide	3	No	No	
Clothianidin	3	Yes	No	
Ametoctradin	3	No	No	
Deltamethrin	3	Yes	No	
cis-1,2,3,6-Tetrahydrophthalimide	3	No	No	Metabolite of Captan.
Pyrethrins	3	Yes	No	
Chloridazon desphenyl	3	No	No	
Triallate	3	No	No	
Flupyradifurone	2	Yes	No	
Bupirimate	2	No	No	
Aclonifen	2	No	No	
Profenofos	2	No	No	
Trifloxystrobin	2	No	No	
Zoxamide	2	No	No	
Metrafenone	2	No	No	
Fenpyroximate	2	Yes	No	
Propyzamide	2	No	No	
Phthalimide	2	No	No	
Maleic hydrazide	2	No	No	
Fosetyl-Al	2	No	No	

Bifenazate	1	No	No	
Sodium 5-nitroguaiacolate	1	No	No	
sodium Nitrophenolate (o,p)	1	No	No	
Ethirimol	1	Yes	No	
Spiroxamine	1	No	No	
Abamectin	1	Yes	Yes	
Cyflumetofen	1	No	No	
Pyridaben	1	Yes	No	
Proquinazid	1	Yes	No	Added to HHP list in 2024.
Fosthiazate	1	Yes	No	
Chlorfenapyr	1	Yes	No	
Cyflufenamid	1	No	No	
Pyridalyl	1	Yes	No	
Spirodiclofen	1	Yes	No	
Thiacloprid	1	Yes	No	
Spiromesifen	1	No	No	
Chlorpyrifos	1	Yes	No	
Captan	1	Yes	No	
Etoxazole	1	No	No	
Procymidone	1	Yes	No	
Tetrahydrophthalimide (THPI)	1	No	No	
Oxathiapiprolin	1	No	No	
Monolinuron	1	No	No	
Formothion	1	No	No	
Isopyrazam	1	Yes	No	
Pirimiphos-methyl	1	Yes	No	
Thiamethoxam	1	Yes	No	
Mepiquat	1	No	No	
Cyromazine	1	No	No	
Amicarbazone	1	No	No	
Atrazine-desethyl	1	No	No	
Ivermectin B1b	1	No	No	
Folpet	1	Yes	No	
Phosphonic acid	1	No	No	
Ethylene oxide	1	Yes	No	
Cinosulfuron	1	No	No	

Red shading indicates where an active is PAN HHP or WHO 1a / 1b designated.

Active substance trends over time:

	2021	2022	2023	2024	2025
No. of total actives	101	109	97	96	97
WHO 1a / 1b	2	0	0	0	1
PAN HHP	44	40	39	40	42