



# **‘EU-banned’ pesticide residues in European food**

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“Hazardous pesticides and EU’s double standards”  
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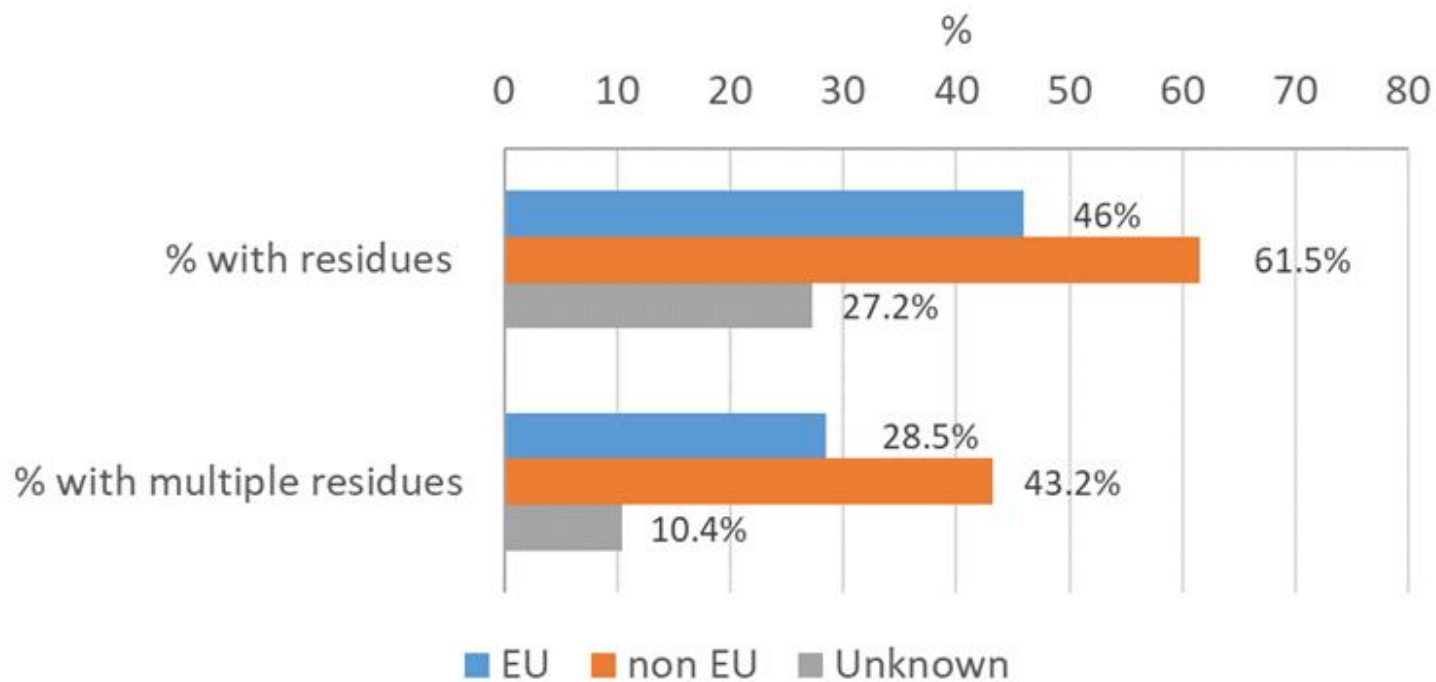
## Methodology

- **Data** taken from the 2018 official control activities on pesticide residues in food carried out in the European Union (EU) Member States (EFSA, 2020; 93,153 samples).



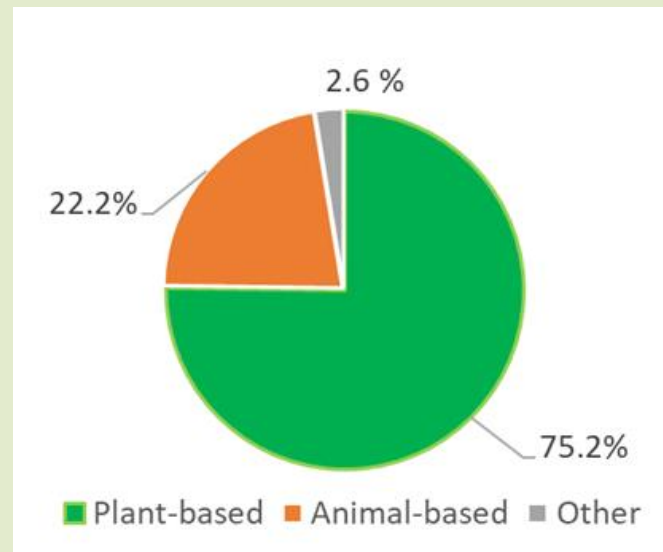
- **Banned pesticides** were taken from the Prior Informed Consent Regulation [PIC, Regulation (EU) 649/2012], which applies to banned or severely restricted chemicals listed in Annex I, including pesticides. Only pesticides that were part of the list in 2018 were considered (160 substances).

## Pesticide Cocktails



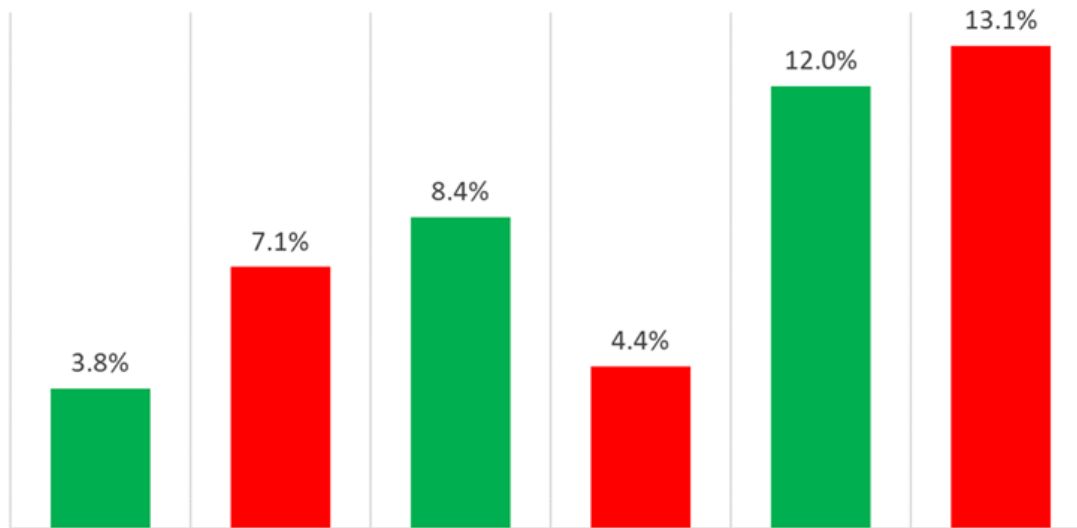
## Overview – banned pesticides

- In total, residues of 74 pesticides banned in EU pesticides were detected in 5811 food samples (6.2%) sold in the European market.



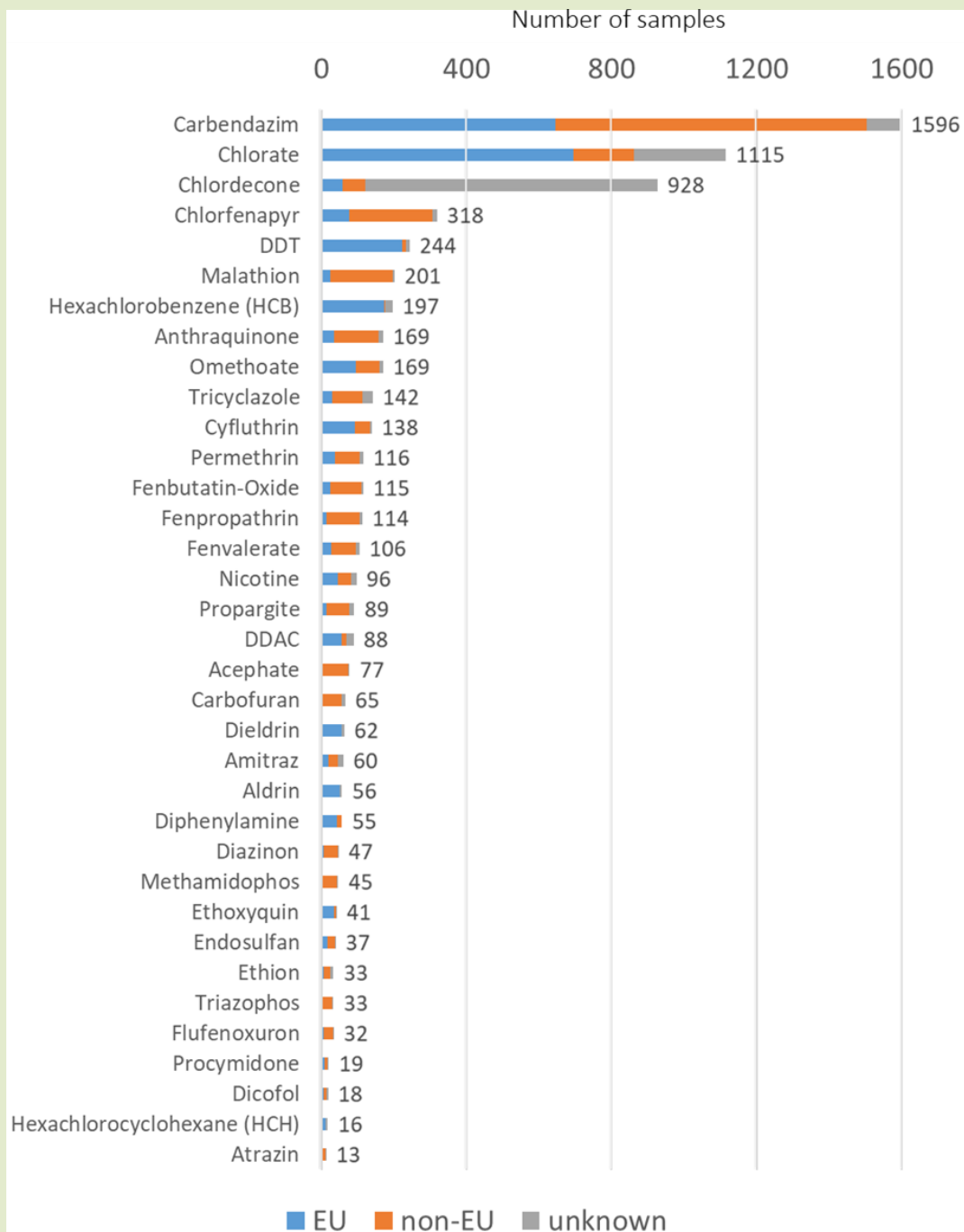


**% of food with PIC pesticides**



	EU		non EU		Unknown	
	Plant-based	Animal-based	Plant-based	Animal-based	Plant-based	Animal-based
<b>PIC pesticides (N)</b>	54	16	61	5	40	12
<b>% samples</b>	3.8%	7.1%	8.4%	4.4%	12.0%	13.1%

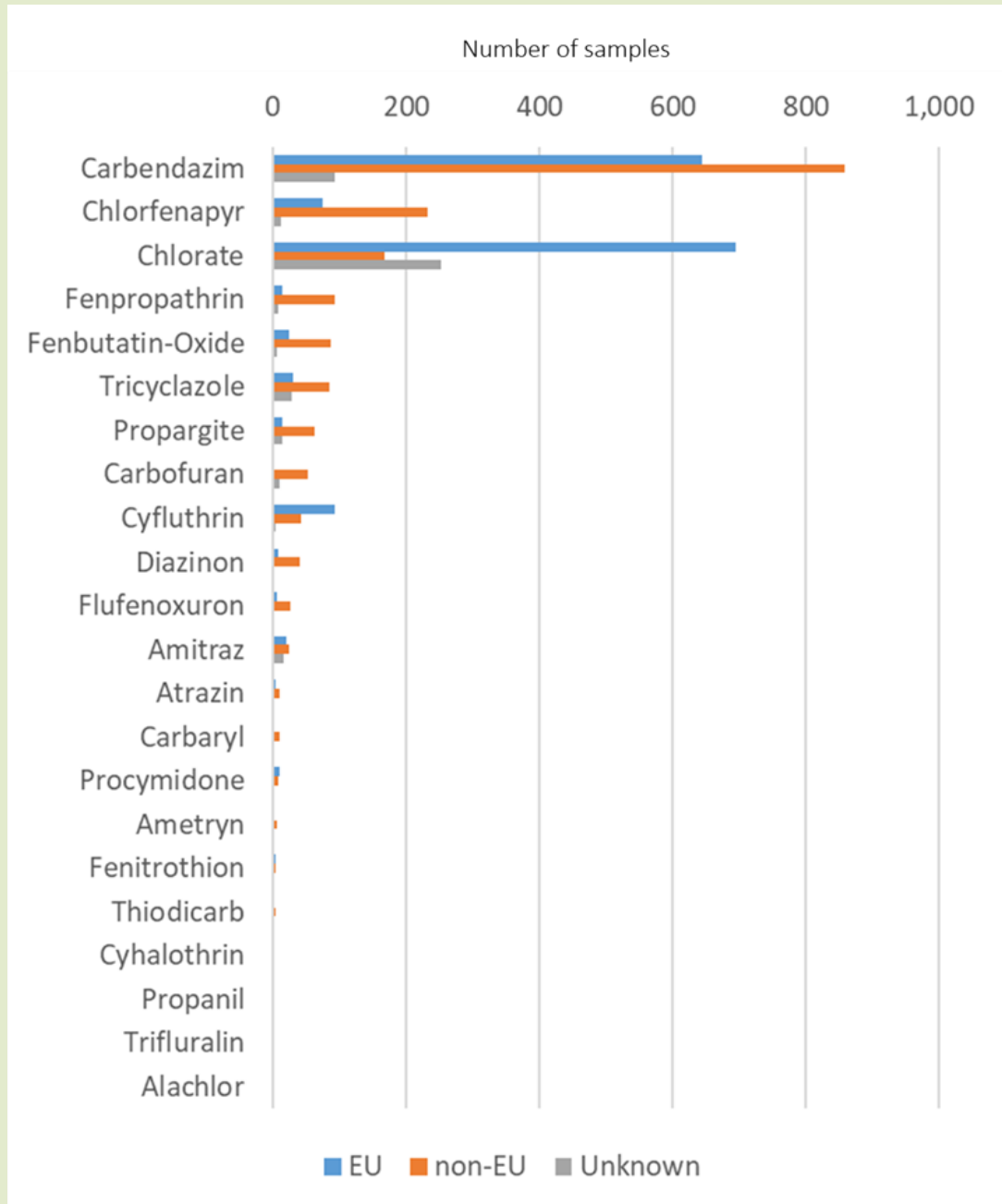
# Top 35



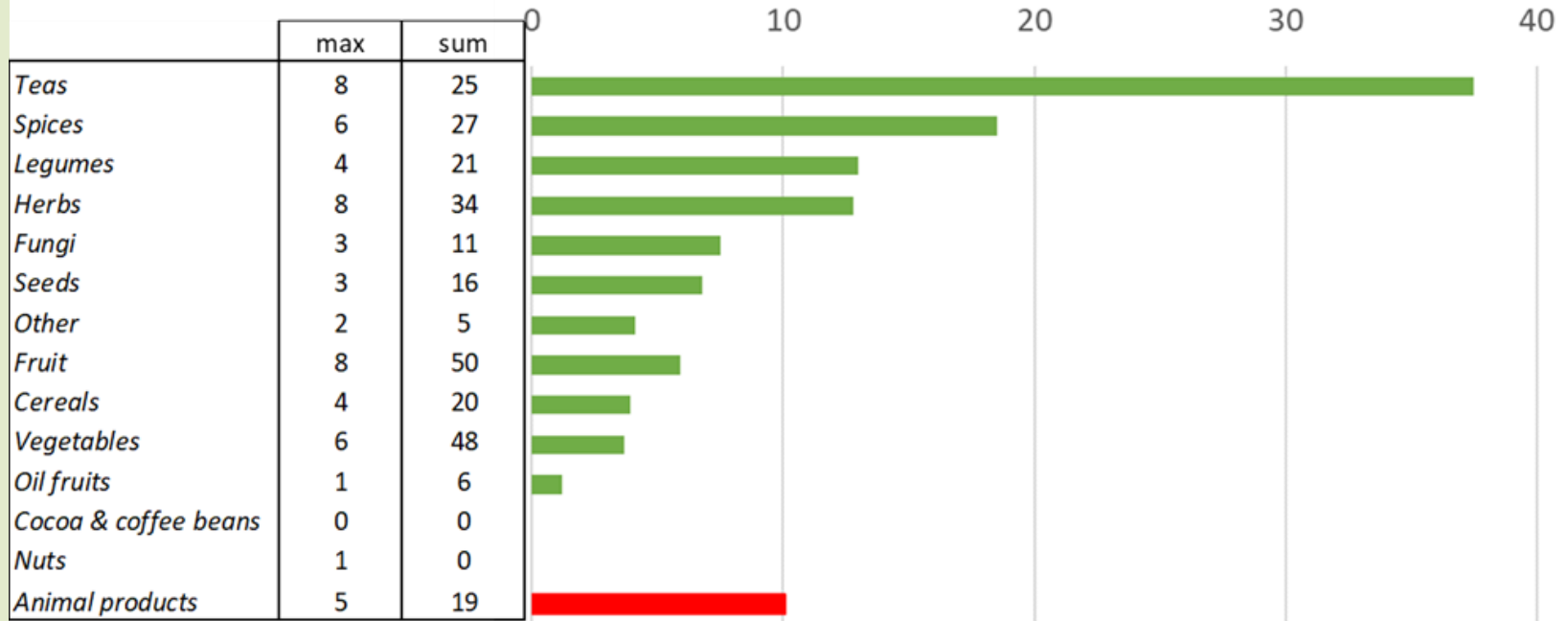
# Exports



*Comparisson with data  
from the investigation  
by Public Eye &  
Greenpeace Unearthed,  
2020*



## % with PIC-pesticides







	max	sum	n	%
1 Liver (swine), unknown	1	1	32	100
2 Vegetables, UK	1	1	20	95
3 Fat (bovine) Czech Republic	2	2	16	88
4 Fat (sheep), Czech Republic	2	2	11	82
5 Milk Czech Republic	2	2	10	80
6 Chilli peppers, Vietnam	6	11	14	79
7 Apples, Brazil	2	2	31	77
8 Passionfruits, Vietnam	3	7	23	70
9 Pumpkin seeds, unknown	2	2	23	70
10 Wine grapes, Cyprus	1	1	10	70
11 Teas, Vietnam	4	6	12	67
12 Gojiberries, unknown	6	9	31	65
13 Table grapes, Iran	5	7	16	63
14 Teas, France	8	9	13	62
15 Fat (bovine), Slovakia	2	2	15	60
16 Rice, Brazil	2	2	10	60
17 Apples, China	1	1	10	60
18 Peas (wth pods) Uknown	2	2	135	57
19 Aubergines, Suriname	3	3	11	55
20 Beans (dry), Brazil	2	4	15	53
21 Infant formulae, unknown	1	1	59	51
22 Peppercorns, Vietnam	1	2	12	50
23 Fat (bovine), Cyprus	1	1	12	50
24 Rice, India	4	8	136	50
25 Gojiberries, China	8	14	97	49
26 Fat (swine), unknown	1	2	55	49
27 Milk, UK	1	2	35	49
28 Teas, China	6	18	473	48
29 Mangoes, Thailand	2	2	15	47
30 Fruits and tree nuts, UK	1	1	38	45

## Countries of origin with highest % of PICs

Only countries with 10 or more samples (n) have been included

No.	Country of orig..	n	Sum	Max	
1	Malaysia	32	7	3	47% (15)
2	Laos	16	10	4	44% (7)
3	Iran	39	11	5	38% (15)
4	China	1,133	30	8	31% (347)
5	Vietnam	369	14	6	30% (110)
6	Suriname	54	6	3	26% (14)
7	Bangladesh	31	5	4	26% (8)
8	Kenya	373	10	3	24% (90)
9	Sri Lanka	89	5	2	20% (18)
10	Japan	20	4	2	20% (4)
11	India	760	25	7	19% (143)
12	Jordan	42	4	2	17% (7)
13	Rwanda	12	2	1	17% (2)
14	Dominican Rep..	492	12	4	16% (80)
15	Uganda	223	4	2	16% (36)
16	Thailand	456	23	6	16% (71)
17	Guatemala	93	3	1	15% (14)
18	Zimbabwe	60	4	1	13% (8)
19	Brazil	770	13	3	13% (97)
20	Uruguay	26	1	1	12% (3)
21	Guadeloupe	315	2	1	11% (36)
22	Mexico	193	6	3	11% (22)
23	Peru	509	12	2	10% (51)
24	Martinique	285	1	1	10% (28)
25	Myanmar/Bur..	31	2	1	10% (3)
26	Senegal	73	2	2	10% (7)
27	South Korea	21	2	1	10% (2)
28	Morocco	758	12	2	9% (72)
29	Dominica	23	1	1	9% (2)
30	Madagascar	50	4	2	8% (4)

- A high number of different pesticides that have been banned in the EU was found in food coming from China (30), India (25), Thailand (23), Brazil (13), Vietnam (14), Morocco (12) and Peru (12).

## Conclusions

- Banned pesticides are detected in European food
- MRLs are not always set to zero following a ban
  - Banned due to environmental toxicity
  - International MRLs (Codex) and import tolerances
  - Parent compound not banned



## Recommendations

- Stop exports of banned pesticides
- Adopt a zero-tolerance policy for banned pesticides in food



*Thank you!*

*Lets work together towards a healthier future*

