

Bennekom  
6-feb-23

abbreviations

DM Dry matter  
µg/kg microgram per kg  
C/S Candidates for Substitution (stoffen waarvoor de EU vervanging adviseert)  
i Insecticide  
h herbicide  
f fungicide

tested:

number of pesticides, biocides and  
metabolites tested

707

MEASUREMENTS OF EXCREMENTS AND URINE AFTER CONVENTIONAL DIET OF TWO WEEKS

EXCREMENTS CONVENTIONAL DIET ROBIN 21/6/22 36,1% dry matter

classification	Compound	µg/kg	µg/kgDM	mg/kgDM	Remark
h	2,4-D				detected qualitatively
f	Ametoctradin				detected qualitatively
f	Boscalid	3,83	10,6	0,0106	
h	CHLOORPROPHAM	0,26	0,7	0,0007	< 0,55 µg/kg
i	Deet	0,10	0,3	0,0003	< 0,55 µg/kg
f	Difenoconazole				detected qualitatively
f	Fenhexamid	13,17	36,5	0,0365	
i	Fipronil-Sulfone	0,07	0,2	0,0002	< 0,55 µg/kg
f	Fluopyram	0,14	0,4	0,0004	< 0,55 µg/kg
f	Fluxapyroxad				detected qualitatively
f	PHENYLPHENOL-2	0,45	1,2	0,0012	< 0,55 µg/kg
f	PHTHALIMIDE (afbr. folpet)	5,84	16,2	0,0162	
h	Glyphosate	0,14	0,38	0,0004	< 0,5 µg/kg
i	Indoxacarb	0,76	2,1	0,0021	
h	PENDIMETHALIN	0,31	0,9	0,0009	< 0,55 µg/kg
i	PIRIMIPHOS-METHYL	0,19	0,5	0,0005	< 0,55 µg/kg
h	PROSULFOCARB	0,31	0,9	0,0009	< 0,55 µg/kg
f	Pyraclostrobin	0,14	0,4	0,0004	< 0,55 µg/kg
f	Trifloxystrobin	0,25	0,7	0,0007	< 0,55 µg/kg
h	TRIFLURALIN	0,11	0,3	0,0003	< 0,55 µg/kg
	SUM		72,2		µg/kg dm

Subdivision of substances found in conventional excrements

total concentration in dm	72,2	µg/kg dm
insecticides	3,1	µg/kg dm
fungicides	66,0	µg/kg dm
herbicides	3,1	µg/kg dm
number of substances not determined	71	
number of substances found	20	
Number of substances on list of C/S	3	

URINE CONVENTIONAL DIET ROBIN 21/6/22 3,6% dry matter

	Compound	µg/kg	µg/kgDM	mg/kgDM	Remark
h	2,4-D	0,039	1,1	0,0011	
h	4-CPA	0,030	0,8	0,0008	
h	Bentazon	0,001	0,0	0,0000	< 0,02 µg/kg
i	Deet	0,001	0,0	0,0000	< 0,02 µg/kg
h	Haloxifop	0,013	0,4	0,0004	< 0,02 µg/kg
h	MCPA	0,016	0,4	0,0004	< 0,02 µg/kg
i	Spirotetramat cis-enol	0,008	0,2	0,0002	< 0,02 µg/kg
i	Sulfaxiflor	0,062	1,7	0,0017	
	SUM		4,7		µg/kg dm

Subdivision of substances found in conventional urine

total concentration in dm	4,7	µg/kg dm
insecticides	2,0	µg/kg dm
fungicides	0	µg/kg dm
herbicides	2,7	µg/kg dm
number of substances not determined	17	
number of substances found	8	

total number of substances in  
urine and excrements from  
conventional food 26  
total number of substances  
found in all samples 28

MEASUREMENTS OF EXCREMENTS AND URINE AFTER ORGANIC DIET OF TWO WEEKS

EXCREMENTS ORGANIC DIET ROBIN 5/7/22 33% dry matter

Classification	Compound	µg/kg	µg/kgDM	mg/kgDM	Remark
h	CHLOORPROPHAM	0,25	0,8	0,0008	< 0,51 µg/kg
i	Deet	0,12	0,4	0,0004	< 0,51 µg/kg
i	Fipronil-Sulfone	0,22	0,7	0,0007	< 0,51 µg/kg
f	PHENYLPHENOL-2	0,37	1,1	0,0011	< 0,51 µg/kg
f	PHTHALIMIDE (afbr. folpet)	3,45	10,5	0,0105	
f	HEXACHLOROBENZENE	0,16	0,5	0,0005	< 0,51 µg/kg
i	PIRIMIPHOS-METHYL	0,26	0,8	0,0008	< 0,51 µg/kg
h	PROSULFOCARB	0,33	1,0	0,0010	< 0,51 µg/kg
h	TRIFLURALIN	0,12	0,4	0,0004	< 0,51 µg/kg
	SUM		16,0		µg/kg dm

Subdivision of substances found in organic excrements

total concentration in dm	16,0	µg/kg dm
insecticides	1,8	µg/kg dm
fungicides	12,0	µg/kg dm
herbicides	2,1	µg/kg dm
number of substances not determined	79	
number of substances found	9	
Number of substances on list of C/S	0	

URINE ORGANIC DIET ROBIN 5/7/22 1,7% dry matter

	Compound	µg/kg	µg/kgDM	mg/kgDM	Remark
h	2,4-D	0,004	0,2	0,0002	< 0,01 µg/kg
h	4-CPA	0,010	0,6	0,0006	
i	Deet	0,001	0,1	0,0001	< 0,01 µg/kg
h	Haloxifop	0,003	0,2	0,0002	< 0,01 µg/kg
i	Spirotetramat cis-enol	0,002	0,1	0,0001	< 0,01 µg/kg
	SUM		1,1		µg/kg dm

Subdivision of substances found in organic urine

total concentration in dm	1,1	µg/kg dm
insecticides	0,2	µg/kg dm
fungicides	0	µg/kg dm
herbicides	1,0	µg/kg dm
number of substances not determined	17	
number of substances found	5	

total number of substances in urine and  
excrements from organic food 13