

SPRAWOZDANIE Z BADAŃ NR 559557/24/WAW

Zleceniodawca BIO PLANET S.A. Wilkowa Wieś 7 05-084 Leszno		Próbka (wg deklaracji Zleceniodawcy) Opis próbki: Skrobia kukurydziana bio - NaturaVena Partia: 1261/940903
Data przyjęcia próbki	11.09.2024	Stan próbki: bez zastrzeżeń Próbka otrzymana od Zleceniodawcy
Data rozpoczęcia badań	11.09.2024	
Data zakończenia badań	13.09.2024	
Data utworzenia sprawozdania	13.09.2024	

Rodzaj badania Metoda	Jednostka	Wynik
* # Pestycydy - F&V - Lista XL - EKO (LC) wyd. VI z 01.03.2023 ^{1) 2) 3)} PN-EN 15662:2018-06 (LC-MS/MS)		
Przebadane pestycydy	mg/kg	poniżej granicy oznaczalności
* # Pestycydy - F&V - Lista XL - EKO (GC) wyd. VI z 01.03.2023 ^{1) 2) 3)} PN-EN 15662:2018-06 (GC-MS/MS)		
Przebadane pestycydy	mg/kg	poniżej granicy oznaczalności

- 1) Dolna granica zakresu pomiarowego akredytowanej metody, będąca jednocześnie granicą oznaczania ilościowego wyznaczoną przez Laboratorium.
- 2) Niepewność pomiaru $\pm 50\%$, zgodnie z dokumentem SANTE/11312/2021 v2.
- 3) Lista F&V-XL EKO wyd. VI z 01.03.2023 r. zawiera oznaczane związki wraz z granicami oznaczalności.

Badanie: Pestycydy - F&V - Lista XL - EKO (GC) wyd. VI z 01.03.2023 wykonano w laboratorium o numerze akredytacji AB 1537
 Badanie: Pestycydy - F&V - Lista XL - EKO (LC) wyd. VI z 01.03.2023 wykonano w laboratorium o numerze akredytacji AB 1537

Autoryzował:

*Wyniki analiz podwykonawczych są autoryzowane przez osoby upoważnione przez zewnętrznego dostawcę badań
 Sprawozdanie z badań opatrzone certyfikowaną pieczęcią elektroniczną J.S. Hamilton Poland Sp. z o.o.

Wyniki odnoszą się wyłącznie do otrzymanych próbek. Jeśli podano niepewność pomiaru i nie określono inaczej, to jest to niepewność rozszerzona, oszacowana dla współczynnika rozszerzenia $k=2$ i poziomu ufności 95% oraz nie uwzględnia niepewności pobierania próbek. Jeśli dokonano stwierdzenia zgodności i nie określono inaczej J.S. Hamilton Poland Sp. z o.o. stosuje zasadę prostej akceptacji według wytycznych ILAC-G8:09/2019. Jeżeli w kolumnie „wynik” akredytowanej metody przedstawiono zapis w postaci „<” lub „>” oznacza to, iż jest to rezultat badania, bezpośrednio powiązany z dolną lub górną granicą zakresu pomiarowego akredytowanej metody, natomiast podana rozszerzona niepewność pomiaru dotyczy wyłącznie odpowiednio dolnej lub górnej granicy zakresu pomiarowego akredytowanej metody. W takim przypadku Laboratorium w kolumnie „stwierdzenie zgodności” przedstawia opinię i interpretację, która opiera się na uzyskanym rezultacie badania. Niniejsze sprawozdanie nie może być powielane w części bez pisemnej zgody J.S. Hamilton Poland Sp. z o.o. Odpowiedzialność J.S. Hamilton Poland Sp. z o.o. jest ograniczona wyłącznie do danych zawartych w jego oryginale. J.S. Hamilton Poland Sp. z o.o. nie zezwala na stosowanie symbolu akredytacji PCA AB 079 przez swoich klientów, podwykonawców, zewnętrznych dostawców usług i inne strony trzecie. Więcej informacji znajduje się w dokumencie PCA - DA-02. Usługa potwierdzona niniejszym sprawozdaniem podlega Ogólnym Warunkom Świadczenia Usług J.S. Hamilton Poland Sp. z o.o. zamieszczonym na stronie www.hamilton.com.pl.

* Badanie akredytowane

Badanie wykonane przez zewnętrznego dostawcę

Pestycydy - F&V - Lista XL - EKO (LC) wyd. VI z 01.03.2023

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
1	1-naphthylacetic acid (1-NAA)	0,005-5,0	31	Atrazine	0,005-5,0	63	Carbetamide (sum of carbetamide and its S isomer)	0,005-5,0
2	2,4,5-T	0,005-5,0	32	Atrazine-desethyl	0,005-5,0	64	Carbetamide (sum of isomers)	0,005-5,0
3	2,4-D	0,01-5,0	33	Atrazine-desisopropyl	0,005-5,0	65	Carbofuran	0,005-5,0
4	2,4-DB	0,01-5,0	34	Azadirachtin	0,005-5,0		Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	0,005-5,0
5	3,5-Dichloroaniline	0,005-5,0	35	Azimsulfuron	0,005-5,0	66		0,005-5,0
6	3,5-Xylyl methylcarb (XMC)	0,005-5,0	36	Azinphos-ethyl	0,005-5,0	67	Carbofuran 3-OH	0,005-5,0
7	4-chlorophenoxyacetic acid (4-CPA)	0,005-5,0	37	Azinphos-methyl	0,005-5,0	68	Carbosulfan	0,005-5,0
8	Abamectin (Avermectin B1a)	0,005-5,0	38	Aziprotryne	0,005-5,0	69	Carfentrazone-ethyl	0,005-5,0
9	Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a, expressed as avermectin B1a)	0,005-5,0	39	Azoxystrobin	0,005-5,0	70	Carpropamid	0,005-5,0
10	Acephate	0,05-3,0	40	Barban	0,005-5,0	71	Chlorantraniliprole	0,005-5,0
11	Acetamiprid	0,005-3,0	41	Bendiocarb	0,005-5,0	72	Chlorbromuron	0,005-5,0
12	Acetochlor	0,005-3,0	42	Benfuracarb	0,005-5,0	73	Chlorfluazuron	0,005-5,0
13	Acibenzolar acid	0,005-5,0	43	Benodanil	0,005-5,0	74	Chloridazon (Pyrazon)	0,005-5,0
14	Acibenzolar-S-methyl (sum of acibenzolar-S-methyl and acibenzolar acid (free and conjugated), expressed as acibenzolar-S-methyl)	0,005-5,0	44	Benomyl	0,005-5,0	75	Chlormesulone (Sulcotrione)	0,005-5,0
15	Acifluorfen	0,005-5,0	45	Bensulfuron-methyl	0,005-5,0	76	Chlorotoluron	0,005-5,0
16	Alanycarb	0,005-5,0	46	Bensulide	0,005-5,0	77	Chloroxuron	0,005-5,0
17	Aldicarb	0,005-5,0	47	Bentazon	0,005-5,0	78	Chlorsulfuron	0,005-5,0
18	Aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	0,005-5,0	48	Bentazone-8-hydroxy	0,005-5,0	79	Chlorthiamid	0,005-5,0
19	Aldicarb sulfone	0,005-5,0	49	Benthiavalcarb-isopropyl	0,005-5,0	80	Chromafenozide	0,005-5,0
20	Aldicarb sulfoxide	0,005-5,0	50	Benzimidazole	0,005-5,0	81	Cinosulfuron	0,005-5,0
21	Ametoctradin	0,005-5,0	51	Benzoximate	0,005-5,0	82	Clethodim	0,005-5,0
22	Amidosulfuron	0,005-5,0	52	Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate)	0,005-5,0	83	Clethodim (sum of sethoxydim and clethodim including degradation products calculated as sethoxydim)	0,005-5,0
23	Aminocarb	0,005-5,0	53	Bioallethrin	0,005-5,0	84	Climbazole	0,005-5,0
24	Aminopyralid	0,005-5,0	54	Bixafen	0,005-5,0	85	Clodinafop	0,005-5,0
25	Amitraz	0,005-5,0	55	Boscalid	0,005-5,0	86	Clofentezine	0,005-5,0
26	Amitraz metabolite BTS 27271 (DMPF)	0,005-5,0	56	Bromacil	0,005-5,0	87	Cloprop	0,005-5,0
27	Amitraz metabolite N-(2,4-dimethylphenyl)formamide (DMF)	0,005-5,0	57	Bromoxynil	0,005-5,0	88	Clopyralid (3,6-dichloropicolinic acid)	0,005-5,0
28	Anilazine	0,005-5,0	58	Butocarboxim	0,005-5,0	89	Cloquintocet	0,005-5,0
29	Anilofos	0,005-5,0	59	Butocarboxim sulfoxide	0,005-5,0	90	Clothianidin	0,005-5,0
30	Aramite	0,005-5,0	60	Buturon	0,005-5,0	91	Coumaphos	0,005-5,0
			61	Carbendazim	0,005-5,0	92	Coumoxystrobin	0,005-5,0
			62	Carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	0,005-5,0			

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
93	Crotoxyphos	0,005-5,0	127	Dinotefuran	0,005-5,0	161	Fenthion sulfone	0,005-5,0
94	Cyanazine	0,005-5,0	128	Dipropetryn	0,005-5,0	162	Fenthion sulfoxide	0,005-5,0
95	Cyantraniliprole	0,005-5,0	129	Dithianon	0,005-5,0	163	Flazasulfuron	0,005-5,0
96	Cyazofamid	0,005-5,0	130	Diuron	0,005-5,0	164	Flonicamid	0,005-5,0
97	Cyclanilide	0,005-5,0	131	DMST	0,005-5,0	165	Flonicamid (sum of flonicamid, TFNA and TFNG expressed as flonicamid)	0,005-5,0
98	Cycloate	0,005-5,0	132	DNOC	0,005-5,0	166	Flonicamid metabolite TFNA	0,005-5,0
99	Cycloxydim	0,005-5,0	133	Dodine	0,005-5,0	167	Flonicamid metabolite TFNG	0,005-5,0
100	Cyflumetofen (sum of isomers)	0,005-5,0	134	Emamectin B1a and its salts, expressed as emamectin B1a (free base)	0,005-5,0	168	Florasulam	0,005-5,0
101	Cymoxanil	0,005-5,0	135	Ethametsulfuron - methyl	0,005-5,0	169	Fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	0,005-5,0
102	Cyproconazole	0,005-5,0	136	Ethiofencarb	0,005-5,0	170	Fluazifop-P-methyl	0,005-5,0
103	Demeton-S	0,005-5,0	137	Ethiofencarb sulfone	0,005-5,0	171	Fluazinam	0,005-5,0
104	Demeton-S-methyl	0,005-5,0	138	Ethiofencarb sulfoxide	0,005-5,0	172	Fluazuron	0,005-5,0
105	Demeton-S-methyl sulfone	0,005-5,0	139	Ethiprole	0,005-5,0	173	Flubendiamide	0,005-5,0
106	Demeton-S-methyl sulfoxide (Oxydemeton-methyl)	0,005-5,0	140	Ethirimol	0,005-5,0	174	Flufenacet	0,005-5,0
107	Desmedipham	0,005-5,0	141	Etoxazole	0,005-5,0	175	Flufenoxuron	0,005-5,0
108	Dicamba	0,005-5,0	142	Famophos (Famphur)	0,005-5,0	176	Fluometuron	0,005-5,0
109	Dichlofluanid	0,005-5,0	143	Famoxadone	0,005-5,0	177	Fluopicolide	0,005-5,0
110	Dichlorobenzamide-2,6 (BAM)	0,005-5,0	144	Fenamidone	0,005-5,0	178	Fluopyram	0,005-5,0
111	Dichlorprop (sum of isomers)	0,005-5,0	145	Fenamiphos	0,005-5,0	179	Fluoroglycofen-ethyl	0,005-5,0
112	Diclofop	0,005-5,0	146	Fenamiphos sulfone	0,005-5,0	180	Fluoxastrobin	0,005-5,0
113	Diclofop (sum diclofop - methyl and diclofop acid expressed as diclofop-methyl)	0,005-5,0	147	Fenamiphos sulfoxide	0,005-5,0	181	Flupyradifurone	0,005-5,0
114	Diclofop-methyl	0,005-5,0	148	Fenchlorazol-ethyl	0,005-5,0	182	Fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr)	0,005-5,0
115	Dicrotophos	0,005-5,0	149	Fenfuram	0,005-5,0	183	Fluroxypyr-meptyl	0,005-5,0
116	Diethofencarb	0,005-5,0	150	Fenobucarb	0,005-5,0	184	Flurtamone	0,005-5,0
117	Diethyltoluamide (DEET)	0,005-5,0	151	Fenoprop (2,4,5-TP)	0,005-5,0	185	Fluthiacet-methyl	0,005-5,0
118	Difenoconazole	0,005-5,0	152	Fenoxaprop-ethyl	0,005-5,0	186	Flutianil	0,005-5,0
119	Difenoxuron	0,005-5,0	153	Fenoxycarb	0,005-5,0	187	Fluxapyroxad	0,005-5,0
120	Diflubenzuron	0,005-5,0	154	Fenpyrazamine	0,005-5,0	188	Fomesafen	0,005-5,0
121	Diflufenican	0,005-5,0	155	Fenpyroximate	0,005-5,0	189	Foramsulfuron	0,005-5,0
122	Dimefox	0,005-5,0	156	Fensulfothion	0,005-5,0	190	Forchlorfenuron	0,005-5,0
123	Dimefuron	0,005-5,0	157	Fensulfothion oxon	0,005-5,0	191	Formetanate	0,005-5,0
124	Dimepiperate	0,005-5,0	158	Fensulfothion sulfone	0,005-5,0	192	Formothion	0,005-5,0
125	Dimethoate	0,005-5,0	159	Fenthion	0,005-5,0			
126	Dinocap (sum of isomers)	0,005-5,0	160	Fenthion oxon	0,005-5,0			

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
193	Fosthiazate	0,005-5,0	225	Isoxathion	0,005-5,0	257	Milbemectin A3	0,005-5,0
194	Fuberidazole	0,005-5,0	226	Lactofen	0,005-5,0	258	Milbemectin A4	0,005-5,0
195	Furalaxyl	0,005-5,0	227	Linuron	0,005-5,0	259	Monocrotophos	0,005-5,0
196	Furathiocarb	0,005-5,0	228	Lufenuron	0,005-5,0	260	Monolinuron	0,005-5,0
197	Halofenozide	0,005-5,0	229	Malaoxon	0,005-5,0	261	Monuron	0,005-5,0
198	Halosulfuron-methyl	0,005-5,0	230	Malathion	0,005-5,0	262	N,N-dimethylsulfamide	0,005-5,0
199	Haloxyfop	0,005-5,0	231	Malathion (sum of malathion and malaoxon expressed as malathion)	0,005-5,0	263	Napropamide	0,005-5,0
200	Haloxyfop (sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S- isomers at any ratio))	0,005-5,0	232	Mandipropamid (any ratio of constituent isomers)	0,005-5,0	264	Neburon	0,005-5,0
201	Haloxyfop-2-ethoxyethyl	0,005-5,0	233	Matrine	0,005-5,0	265	Nicosulfuron	0,005-5,0
202	Haloxyfop-methyl	0,005-5,0	234	MCPA	0,005-5,0	266	Nitenpyram	0,005-5,0
203	Hexaflumuron	0,005-5,0	235	MCPB	0,005-5,0	267	Novaluron	0,005-5,0
204	Hexythiazox	0,005-5,0	236	Mecoprop (sum of isomers)	0,005-5,0	268	Omethoate	0,005-5,0
205	Icaridin (Picaridin)	0,005-5,0	237	Mefenpyr-diethyl	0,005-5,0	269	Oryzalin	0,005-5,0
206	Imazamox (Sum of imazamox and its salts, expressed as imazamox)	0,005-5,0	238	Meptyldinocap	0,005-5,0	270	Oxamyl	0,005-5,0
207	Imazapyr	0,005-5,0	239	Mesosulfuron-methyl	0,005-5,0	271	Oxamyl-oxim	0,005-5,0
208	Imazaquin	0,005-5,0	240	Mesotrione	0,005-5,0	272	Oxasulfuron	0,005-5,0
209	Imazethapyr	0,005-5,0	241	Metaflumizone (sum of isomers)	0,005-5,0	273	Oxaziclomefone	0,005-5,0
210	Imazosulfuron	0,005-5,0	242	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	0,005-5,0	274	Oxfendazole	0,005-5,0
211	Imibenconazole	0,005-5,0	243	Metamitron	0,005-5,0	275	Paclobutrazol	0,005-5,0
212	Imidacloprid	0,005-5,0	244	Methabenzthiazuron	0,005-5,0	276	Paraoxon-ethyl	0,005-5,0
213	Indaziflam	0,005-5,0	245	Methamidophos	0,005-5,0	277	Paraoxon-methyl	0,005-5,0
214	Indoxacarb (sum of indoxacarb and its R enantiomer)	0,005-5,0	246	Methfuroxam	0,005-5,0	278	Penflufen	0,005-5,0
215	Iodosulfuron-methyl	0,005-5,0	247	Methiocarb sulfoxide	0,005-5,0	279	Penoxsulam	0,005-5,0
216	Ioxynil (sum of ioxynil and its salts, expressed as ioxynil)	0,005-5,0	248	Methomyl	0,005-5,0	280	Penthiopyrad	0,005-5,0
217	Iprovalicarb	0,005-5,0	249	Methoxyfenozide	0,005-5,0	281	Pethoxamid	0,005-5,0
218	Isofenphos-methyl	0,005-5,0	250	Metobromuron	0,005-5,0	282	Phenmedipham	0,005-5,0
219	Isoprocab	0,005-5,0	251	Metolcarb	0,005-5,0	283	Phenthoate	0,005-5,0
220	Isoprothiolane	0,005-5,0	252	Metosulam	0,005-5,0	284	Phorate sulfoxide	0,005-5,0
221	Isoproturon	0,005-5,0	253	Metoxuron	0,005-5,0	285	Phosmet	0,005-5,0
222	Isopyrazam	0,005-5,0	254	Metrafenone	0,005-5,0	286	Phosmet oxon	0,005-5,0
223	Isoxaben	0,005-5,0	255	Metsulfuron-methyl	0,005-5,0	287	Phosphamidon (sum of isomers)	0,005-5,0
224	Isoxaflutole	0,005-5,0	256	Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin)	0,005-5,0	288	Phoxim	0,005-5,0
						289	Picloram	0,005-5,0
						290	Picolinafen	0,005-5,0

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
291	Pinoxaden	0,005-5,0	323	Quinmerac (sum of quinmerac and its metabolites BH 518-2 and BH 518-4 expressed as quinmerac)	0,005-5,0	355	Tepraloxydim	0,005-5,0
292	Pirimicarb-desmethyl-formamido	0,005-5,0	324	Quinoclamine	0,005-5,0	356	Terbufos sulfoxide	0,005-5,0
293	Primisulfuron-methyl	0,005-5,0	325	Quizalofop (sum of isomers)	0,005-5,0	357	Terbumeton	0,005-5,0
294	Prochloraz	0,005-5,0	326	Quizalofop-p-ethyl	0,005-5,0	358	Terbuthylazine	0,005-5,0
295	Prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	0,005-5,0	327	Quizalofop-p-tefuryl	0,005-5,0	359	Tetramethrin (sum of isomers)	0,005-5,0
296	Prochloraz metabolite BTS40348	0,005-5,0	328	Rimsulfuron	0,005-5,0	360	Thiabendazole	0,005-5,0
297	Prochloraz metabolite BTS44595	0,005-5,0	329	Rotenone	0,005-5,0	361	Thiacloprid	0,005-5,0
298	Prochloraz metabolite BTS44596	0,005-5,0	330	Saflufenacil	0,005-5,0	362	Thiamethoxam	0,005-5,0
299	Promecarb	0,005-5,0	331	Secbumeton	0,005-5,0	363	Thifensulfuron-methyl	0,005-5,0
300	Propachlor OA	0,005-5,0	332	Sethoxydim	0,005-5,0	364	Thiocylam hydrogenoxalate	0,005-5,0
301	Propamocarb	0,005-5,0	333	Silthiofam	0,005-5,0	365	Thiodicarb	0,005-5,0
302	Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb)	0,005-5,0	334	Simazine	0,005-5,0	366	Thiofanox	0,005-5,0
303	Propanil	0,005-5,0	335	Simetryn	0,005-5,0	367	Thiofanox sulfone	0,005-5,0
304	Propaquizafop	0,005-5,0	336	Sodium 5-nitroguaiacolate	0,005-5,0	368	Thiofanox sulfoxide	0,005-5,0
305	Propargite	0,005-5,0	337	Spinetoram (sum of spinetoram-J and spinetoram-L)	0,005-5,0	369	Thiophanate (-ethyl)	0,005-5,0
306	Propoxur	0,005-5,0	338	Spinosad (spinosad, sum of spinosyn A and spinosyn D)	0,005-5,0	370	Thiophanate-methyl	0,005-5,0
307	Propoxycarbazone	0,005-5,0	339	Spinosyn A	0,005-5,0	371	Tolfenpyrad	0,005-5,0
308	Propyzamide	0,005-5,0	340	Spinosyn D	0,005-5,0	372	Topramazone	0,005-5,0
309	Proquinazid	0,005-5,0	341	Spirodiclofen	0,005-5,0	373	Tralkoxydim (sum of isomers)	0,005-5,0
310	Prosulfocarb	0,005-5,0	342	Spirotetramat	0,005-5,0	374	Triasulfuron	0,005-5,0
311	Prosulfuron	0,005-5,0	343	Spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat	0,005-5,0	375	Tribenuron-methyl	0,005-5,0
312	Pymetrozine	0,005-5,0	344	Spirotetramat-enol	0,005-5,0	376	Tribufos (DEF)	0,005-5,0
313	Pyraclifos	0,005-5,0	345	Spirotetramat-enolglucosid	0,005-5,0	377	Trichlorfon	0,005-5,0
314	Pyraclostrobin	0,005-5,0	346	Spirotetramat-ketohydroxy	0,005-5,0	378	Triclopyr	0,005-5,0
315	Pyraflufen-ethyl	0,005-5,0	347	Spirotetramat-monohydroxy	0,005-5,0	379	Tridemorph	0,005-5,0
316	Pyraflufen-ethyl (Sum of pyraflufen-ethyl and pyraflufen, expressed as pyraflufen-ethyl)	0,005-5,0	348	Sulfosulfuron	0,005-5,0	380	Trifloxysulfuron	0,005-5,0
317	Pyrasulfotole	0,005-5,0	349	Sulfoxaflor	0,005-5,0	381	Triflumizole	0,005-5,0
318	Pyrethrins	0,005-5,0	350	Sulprofos	0,005-5,0	382	Triflumizole-amino	0,005-5,0
319	Pyridaphenthion	0,005-5,0	351	Tebufenozide	0,005-5,0	383	Triflumuron	0,005-5,0
320	Pyridate	0,005-5,0	352	Teflubenzuron	0,005-5,0	384	Triflusulfuron-methyl	0,005-5,0
321	Pyroxulam	0,005-5,0	353	Tembotriion	0,005-5,0	385	Triforine	0,005-5,0
322	Quinclorac	0,005-5,0	354	Temephos	0,005-5,0	386	Trinexapac-ethyl	0,005-5,0
						387	Triticonazole	0,005-5,0
						388	Tritosulfuron	0,005-5,0

L.p.	Związek	Zakres [mg/kg]
389	Valifenalate	0,005-5,0
390	Vamidothion	0,005-5,0
391	Vamidothion sulfone	0,005-5,0
392	Vamidothion sulfoxide	0,005-5,0
393	Xylylcarb	0,005-5,0
394	Zoxamide	0,005-5,0

Pestycydy - F&V - Lista XL - EKO (GC) wyd. VI z 01.03.2023

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
1	Prothiophos	0,005-5,0	34	Bromopropylate	0,005-5,0	67	Chlorpyrifos-methyl	0,005-5,0
2	1,4-Dimethylnaphthalene	0,005-5,0	35	Bupirimate	0,005-5,0	68	Chlorthal-dimethyl	0,005-5,0
3	2,3,5,6-Tetrachloroaniline	0,005-5,0	36	Buprofezin	0,005-5,0	69	Chlorthion	0,005-5,0
4	2,4,5-T methyl ester	0,005-5,0	37	Butachlor	0,005-5,0	70	Chlorthiophos	0,005-5,0
5	2,4,6-Trichlorophenol	0,005-5,0	38	Butafenacil	0,005-5,0	71	Chlozolinate	0,005-5,0
6	2-phenylphenol	0,005-5,0	39	Butralin	0,005-5,0	72	Cinidon-ethyl	0,005-5,0
7	3,4,5-Trimethacarb (Landrin)	0,005-5,0	40	Butylate	0,005-5,0	73	Clodionafof-propargyl	0,005-5,0
8	4-Bromo-2-chlorophenol	0,005-5,0	41	Cadusafos	0,005-5,0	74	Clomazone	0,005-5,0
9	Acibenzolar-S-methyl	0,005-5,0	42	Captan	0,005-5,0	75	Clomeprop	0,005-5,0
10	Aclonifen	0,005-5,0	43	Captan (sum of captan and THPI, expressed as captan)	0,005-5,0	76	Cloquintocet-mexyl	0,005-5,0
11	Acrinathrin	0,005-5,0	44	Captan metabolite THPI	0,005-5,0	77	Crimidine	0,005-5,0
12	Alachlor	0,005-5,0	45	Carbaryl	0,005-5,0	78	Crufomate	0,005-5,0
13	Aldrin	0,001-5,0	46	Carbophenothion (-ethyl)	0,005-5,0	79	Cyanofenphos	0,005-5,0
14	Aldrin and dieldrin combined expressed as dieldrin	0,001-5,0	47	Carbophenothion-methyl	0,005-5,0	80	Cyanophos	0,005-5,0
15	Allethrin	0,005-5,0	48	Carboxin	0,005-5,0	81	Cyflufenamid (sum of isomers)	0,005-5,0
16	Ametryn	0,005-5,0	49	Chinomethionate	0,005-5,0	82	Cyfluthrin (sum of isomers)	0,005-5,0
17	Amisulbrom	0,005-5,0	50	Chlorbenseide	0,005-5,0	83	Cyhalofop-butyl	0,005-5,0
18	Anthraquinone	0,005-5,0	51	Chlorbufam	0,005-5,0	84	Cyhalothrin-gamma	0,005-5,0
19	Azaconazole	0,005-5,0	52	Chlordane (sum of cis- and trans-chlordane)	0,005-5,0	85	Cyhalothrin-lambda	0,005-5,0
20	Beflubutamid	0,005-5,0	53	Chlordane, cis	0,005-5,0	86	Cypermethrin (sum of isomers)	0,005-5,0
21	Benalaxyl (sum of isomers)	0,005-5,0	54	Chlordane, trans	0,005-5,0	87	Cyphenothrin	0,005-5,0
22	Benfluralin	0,005-5,0	55	Chlordecone	0,005-5,0	88	Cyprodinil	0,005-5,0
23	Benfuresate	0,005-5,0	56	Chlordimeform	0,005-5,0	89	Dazomet	0,005-5,0
24	Benoxacor	0,005-5,0	57	Chlorfenapyr	0,005-5,0	90	DDD-o,p'	0,005-5,0
25	Benzoylprop-ethyl	0,005-5,0	58	Chlorfenprop-methyl	0,005-5,0	91	DDD-p,p'	0,005-5,0
26	Bifenox	0,005-5,0	59	Chlorfenson	0,005-5,0	92	DDE-o,p'	0,005-5,0
27	Bifenthrin (sum of isomers)	0,005-5,0	60	Chlorfenvinphos	0,005-5,0	93	DDE-p,p'	0,005-5,0
28	Biphenyl	0,005-5,0	61	Chlormephos	0,005-5,0	94	DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	0,005-5,0
29	Bitertanol	0,005-5,0	62	Chlorobenzilate	0,005-5,0	95	DDT-o,p'	0,005-5,0
30	Bromfenvinfos (-ethyl)	0,005-5,0	63	Chloroneb	0,005-5,0	96	DDT-p,p'	0,005-5,0
31	Bromocyclen	0,005-5,0	64	Chloropropylate	0,005-5,0	97	Deltamethrin	0,005-5,0
32	Bromophos (-methyl)	0,005-5,0	65	Chlorpropham	0,005-5,0	98	Desmetryn	0,005-5,0
33	Bromophos-ethyl	0,005-5,0	66	Chlorpyrifos (-ethyl)	0,005-5,0	99	Dialifos	0,005-5,0

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
100	Di-allate (sum of isomers)	0,005-5,0	133	Endosulfan alpha isomer	0,005-5,0	167	Fenvalerate (sum of isomers)	0,005-5,0
101	Diazinon	0,005-5,0	134	Endosulfan beta isomer	0,005-5,0	168	Fipronil	0,001-5,0
102	Dibromobenzophenon-4.4	0,005-5,0	135	Endosulfan sulphate	0,005-5,0	169	Fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil)	0,001-5,0
103	Dichlobenil	0,005-5,0	136	Endrin	0,001-5,0	170	Fipronil sulfide	0,001-5,0
104	Dichlofenthion	0,005-5,0	137	Endrin ketone	0,005-5,0	171	Fipronil sulfone	0,001-5,0
105	Dichlormid	0,005-5,0	138	EPN	0,005-5,0	172	Fipronil-desulfinyl	0,001-5,0
106	Dichlorobenzophenone-4.4	0,005-5,0	139	Epoksyd heptachloru (trans)	0,001-5,0	173	Flamprop-isopropyl	0,005-5,0
107	Dichlorvos (DDVP)	0,005-5,0	140	Epoxiconazole	0,005-5,0	174	Flamprop-methyl	0,005-5,0
108	Diclobutrazol	0,005-5,0	141	EPTC	0,005-5,0	175	Fluazifop-P-buthyl	0,005-5,0
109	Dicloran	0,005-5,0	142	Etaconazole	0,005-5,0	176	Fluchloralin	0,005-5,0
110	Dicofol (sum of isomers)	0,005-5,0	143	Ethalfuralin	0,005-5,0	177	Flucythrinate (sum of isomers)	0,005-5,0
111	Dieldrin	0,001-5,0	144	Ethiolate	0,005-5,0	178	Fludioxonil	0,005-5,0
112	Dimethachlor	0,005-5,0	145	Ethion	0,005-5,0	179	Flumetralin	0,005-5,0
113	Dimethenamid (sum of isomers)	0,005-5,0	146	Ethofumesate	0,005-5,0	180	Flumioxazin	0,005-5,0
114	Dimethipin	0,005-5,0	147	Ethoprophos (Ethoprop)	0,005-5,0	181	Fluorodifen	0,005-5,0
115	Dimethomorph (sum of isomers)	0,005-5,0	148	Ethoxyquin	0,005-5,0	182	Fluotrimazole	0,005-5,0
116	Dimetilan	0,005-5,0	149	Ethychozate	0,005-5,0	183	Fluquinconazole	0,005-5,0
117	Dimoxystrobin	0,005-5,0	150	Etofenprox	0,005-5,0	184	Flurenol-butyl	0,005-5,0
118	Diniconazole (sum of isomers)	0,005-5,0	151	Etridiazole	0,005-5,0	185	Flurochloridon	0,005-5,0
119	Dinitramine	0,005-5,0	152	Etrimphos	0,005-5,0	186	Flurprimidol	0,005-5,0
120	Dinoseb	0,005-5,0	153	Fenarimol	0,005-5,0	187	Flusilazole	0,005-5,0
121	Dinoterb	0,005-5,0	154	Fenazaquin	0,005-5,0	188	Flutolanil	0,005-5,0
122	Dioxacarb	0,005-5,0	155	Fenbuconazole	0,005-5,0	189	Flutriafol	0,005-5,0
123	Dioxathion (sum of isomers)	0,005-5,0	156	Fenchlorphos (Ronnell)	0,005-5,0	190	Fluvalinate-tau	0,005-5,0
124	Diphenamid	0,005-5,0	157	Fenchlorphos oxon	0,005-5,0	191	Folpet	0,005-5,0
125	Diphenylamine	0,005-5,0	158	Fenfluthrin	0,005-5,0	192	Folpet (sum of folpet and phtalimide, expressed as folpet)	0,005-5,0
126	Disulfoton	0,001-5,0	159	Fenhexamid	0,005-5,0	193	Fonophos	0,005-5,0
127	Disulfoton sulfone	0,001-5,0	160	Fenitrothion	0,005-5,0	194	Furametpyr	0,005-5,0
128	Disulfoton sulfoxide	0,001-5,0	161	Fenpiclonil	0,005-5,0	195	Halfenprox	0,005-5,0
129	Ditalimfos	0,005-5,0	162	Fenpropathrin	0,005-5,0	196	HCH alpha isomer	0,005-5,0
130	Dodemorph	0,005-5,0	163	Fenpropidin	0,005-5,0	197	HCH beta isomer	0,005-5,0
131	Edifenphos	0,005-5,0	164	Fenpropimorph	0,005-5,0	198	HCH delta isomer	0,005-5,0
132	Endosulfan (sum of alpha- and beta- isomers and endosulfan-sulphate expresses as endosulfan)	0,005-5,0	165	Fenson	0,005-5,0	199	HCH epsilon isomer	0,005-5,0
			166	Fenuron	0,005-5,0			

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
200	HCH gamma isomer (Lindane)	0,005-5,0	233	Methidathion	0,005-5,0	266	Pendimethalin	0,005-5,0
201	Heptachlor	0,0025-5,0	234	Methiocarb (Mercaptodimethur)	0,005-5,0	267	Pentachloroaniline	0,005-5,0
202	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	0,0025-5,0	235	Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	0,005-5,0	268	Pentachloroanisole	0,005-5,0
203	Heptachlor epoxide, cis	0,001-5,0	236	Methiocarb sulfone	0,005-5,0	269	Pentachlorobenzene	0,005-5,0
204	Heptachlor epoxide, trans	0,001-5,0	237	Methoprottryne	0,005-5,0	270	Pentanochlor	0,005-5,0
205	Heptenophos	0,005-5,0	238	Methoxychlor	0,005-5,0	271	Permethrin (sum of isomers)	0,005-5,0
206	Hexachlorobenzene (HCB)	0,001-5,0	239	Metolachlor	0,005-5,0	272	Perthane	0,005-5,0
207	Hexaconazole	0,005-5,0	240	Metribuzin	0,005-5,0	273	Phenkapton	0,005-5,0
208	Hexazinone	0,005-5,0	241	Mevinphos (sum of isomers)	0,005-5,0	274	Phenothrin (sum of isomers)	0,005-5,0
209	Imazalil	0,005-5,0	242	Mirex	0,005-5,0	275	Phorate	0,005-5,0
210	Iodofenphos	0,005-5,0	243	Molinate	0,005-5,0	276	Phorate oxone	0,005-5,0
211	Ioxynil-octanoate	0,005-5,0	244	Monalide	0,005-5,0	277	Phorate oxone sulfone	0,005-5,0
212	Ipconazole	0,005-5,0	245	Myclobutanil (sum of isomers)	0,005-5,0	278	Phorate sulfone	0,005-5,0
213	Iprobenfos	0,005-5,0	246	Naled	0,005-5,0	279	Phosalone	0,005-5,0
214	Iprodione	0,005-5,0	247	Naphtalene	0,005-5,0	280	Phtalimide	0,005-5,0
215	Isazofos	0,005-5,0	248	Nitralin	0,005-5,0	281	Picoxystrobin	0,005-5,0
216	Isocarbophos	0,005-5,0	249	Nitrapyrin	0,005-5,0	282	Piperonyl butoxide	0,005-5,0
217	Isodrin	0,005-5,0	250	Nitrofen	0,001-5,0	283	Pirimicarb	0,005-5,0
218	Isufenphos (-ethyl)	0,005-5,0	251	Nitrothal-isopropyl	0,005-5,0	284	Pirimicarb-desmethyl	0,005-5,0
219	Isfetamid	0,005-5,0	252	Norflurazon	0,005-5,0	285	Pirimiphos-ethyl	0,005-5,0
220	Isopropalin	0,005-5,0	253	Nuarimol	0,005-5,0	286	Pirimiphos-methyl	0,005-5,0
221	Isoxadifen-ethyl	0,005-5,0	254	Octachlordipropylether (S 421)	0,005-5,0	287	Pirimiphos-methyl. N-Desethyl-	0,005-5,0
222	Kresoxim-methyl	0,005-5,0	255	Ofurace	0,005-5,0	288	Procymidone	0,005-5,0
223	Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	0,005-5,0	256	Oxadiazon	0,005-5,0	289	Profenophos	0,005-5,0
224	Lenacil	0,005-5,0	257	Oxadixyl	0,005-5,0	290	Profluralin	0,005-5,0
225	Leptophos	0,005-5,0	258	Oxycarboxin	0,005-5,0	291	Prometon	0,005-5,0
226	Mecarbam	0,005-5,0	259	Oxychlorthane (Octachlorepoxyde)	0,005-5,0	292	Prometryn	0,005-5,0
227	Mepanipyrim	0,005-5,0	260	Oxyfluorfen	0,005-5,0	293	Propachlor	0,005-5,0
228	Mepanipyrim-2-hydroxypropyl	0,005-5,0	261	Parathion-ethyl	0,005-5,0	294	Propazine	0,005-5,0
229	Mepronil	0,005-5,0	262	Parathion-methyl	0,005-5,0	295	Propetamphos	0,005-5,0
230	Metazachlor	0,005-5,0	263	Pebulate	0,005-5,0	296	Propham	0,005-5,0
231	Metconazole (sum of isomers)	0,005-5,0	264	Penconazole (sum of isomers)	0,005-5,0	297	Propiconazole (sum of isomers)	0,005-5,0
232	Methacrifos	0,005-5,0	265	Pencycuron	0,005-5,0	298	Prothioconazole: prothioconazole-desthio (sum of isomers)	0,005-5,0
						299	Prothioconazole-desthio	0,005-5,0

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
300	Pyrazophos	0,005-5,0	334	Thiometon	0,005-5,0
301	Pyridaben	0,005-5,0	335	Thionazin	0,005-5,0
302	Pyrifenox (sum of isomers)	0,005-5,0	336	Tolclofos-methyl	0,005-5,0
303	Pyrifluquinazon	0,005-5,0	337	Tolyfluanid	0,005-5,0
304	Pyrimethanil	0,005-5,0	338	Transfluthrin	0,005-5,0
305	Pyrimidifen	0,005-5,0	339	Triadimefon	0,005-5,0
306	Pyriproxyfen	0,005-5,0	340	Triadimenol	0,005-5,0
307	Quinalphos	0,005-5,0	341	Tri-allate	0,005-5,0
308	Quinoxyfen	0,005-5,0	342	Triazamate	0,005-5,0
309	Quintozene	0,005-5,0	343	Triazophos	0,005-5,0
310	Resmethrin (sum of isomers)	0,005-5,0	344	Trichloronate	0,005-5,0
311	Sebuthylazine	0,005-5,0	345	Tricyclazole	0,005-5,0
312	Silaneophan (Silafiuofen)	0,005-5,0	346	Trietazine	0,005-5,0
313	Simeconazole	0,005-5,0	347	Trifloxystrobin	0,005-5,0
314	Spiromesifen	0,005-5,0	348	Trifluralin	0,005-5,0
315	Spiroxamine (sum of isomers)	0,005-5,0	349	Uniconazole	0,005-5,0
316	Sulfallate	0,005-5,0	350	Vinclozolin	0,005-5,0
317	Sulfentrazone	0,005-5,0			
318	Sulfotep	0,005-5,0			
319	Tebuconazole	0,005-5,0			
320	Tebufenpyrad	0,005-5,0			
321	Tecnazene	0,005-5,0			
322	Tefluthrin	0,005-5,0			
323	Terbacil	0,005-5,0			
324	Terbufos	0,001-5,0			
325	Terbufos sulfone	0,0025-5,0			
326	Terbuthylazine-desethyl	0,005-5,0			
327	Terbutryn	0,005-5,0			
328	Tetrachlorvinphos	0,005-5,0			
329	Tetraconazole	0,005-5,0			
330	Tetradifon	0,005-5,0			
331	Tetraethyl pyrophosphate (TEPP)	0,005-5,0			
332	Tetrasul	0,005-5,0			
333	Thiobencarb	0,005-5,0			

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