

Sprawozdanie z badań nr / Analysis report No. 18/5703 Data / Date 24.08.2018r


AB 1537


Zleceniodawca:
Customer:

 Przedsiębiorstwo Produkcyjno-Usługowo-
 Handlowe „NIRO” Sp. z o.o.,
 ul. Dolna 4, 42-283 Boronów
 NIP: 5751751324

Data przyjęcia próbki:
Sample entry:

23.08.2018

Data rozpoczęcia badania:
Start date of analysis:

23.08.2018

Data zakończenia badania:
End date of analysis:

24.08.2018

Osoba pobierająca próbkę:
Collected by:
Klient
Rodzaj próbki:
Sample Type:
*Customer***Orkisz EKO***Organic spelt*

Nr certyfikatu:

PL-EKO-02-001494/17

18/5703

Nr próbki:
Sample No.
Stan próbki przy przyjęciu do badań:
Sample condition on admission:
Bez zastrzeżeń*No objections*
Cel badania:
Analysis goal:
Roślinictwo Ekologiczne*Organic Farming*
Wyniki badań
Analysis results

<i>Metoda badań</i> Test method	<i>Badana cecha</i> Tested parameters	<i>Wynik z niepewnością</i> Result with uncertainty [mg/kg]	<i>NDP</i> MRL [mg/kg]
PN-EN 15662:2008 (A)	Pestycydy poniżej granicy oznaczalności zgodnie z listą przebadanych pestycydów umieszczonych w załączniku 1 <i>Analyzed pesticides below the limit of quantification (list of tested pesticides in Annex 1)</i>		
PN-EN 12396-3:2002 (A)	Dithiocarbamates (as CS ₂)	0.14 ± 0.07	5.0

- Wyniki badań odnoszą się wyłącznie do dostarczonej próbki / Test results applied only to delivered Sample.
- Niepewność rozszerzona na poziomie ufności 95% przy współczynniku K=2 / The extended uncertainty at a confidence level 95% by factor K=2.
- Sprawozdanie z badań może być powielane jedynie w całości. / This report of analysis cannot be reproduced in other form than full version.

(A) – metoda objęta zakresem akredytacji / (A) – accredited method
 (P) – badanie podzlecane (AB ...) / (P) – subcontracted analysis



Załącznik 1: Listy oznaczanych pozostałości pestycydów:

Annex 1: List of tested pesticides residue:

Lista 5 Pestycydy Maxi Plus LC/MS/MS i GC/MS/MS / List 5 Pesticides Maxi Plus LC/MS/MS i GC/MS/MS

Technika / Technique LC/MS/MS

L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]	L.p.	Związek	Zakres [mg/kg]
1.	4-CPA (4-Chlorophenoxyace)	0,005 - 5,0	61.	Chlorbromuron	0,005 - 1,0	119.	Emamectin B1a (Emamectin benzoate)	0,005 - 5,0
2.	3,5-Dichloroaniline	0,005 - 5,0	62.	Chlordimeform HCl	0,005 - 5,0	120.	Ethametsulfuron – methyl	0,005 - 5,0
3.	3-Hydroxy Carbofuran	0,005 - 5,0	63.	Chlorflazuron	0,005 - 1,0	121.	Ethiofencarb	0,005 - 5,0
4.	5-nitroguaiacol sodium salt	0,005 - 5,0	64.	Chloridazon	0,005 - 3,0	122.	Ethiofencarb sulfone	0,005 - 3,0
5.	2,4,5-T	0,005 - 5,0	65.	Chlorotoluron	0,005 - 3,0	123.	Ethiofencarb sulfoxide	0,005 - 3,0
6.	3,4,5-Trimethacarb	0,005 - 5,0	66.	Chloroxuron	0,005 - 3,0	124.	Ethirimol	0,005 - 3,0
7.	Acephate	0,005 - 3,0	67.	Chlorsulfuron	0,005 - 3,0	125.	Ethofumesate	0,005 - 5,0
8.	Acetamiprid	0,005 - 3,0	68.	Chlorthiamid	0,005 - 5,0	126.	Etozazole	0,005 - 5,0
9.	Acetochlor	0,005 - 3,0	69.	Chromafenozide	0,005 - 3,0	127.	Famoxadone	0,005 - 5,0
10.	Acifluorfen	0,005 - 5,0	70.	Cinosulfuron	0,005 - 1,0	128.	Famphur	0,005 - 3,0
11.	Aldicarb	0,005 - 3,0	71.	Clethodim	0,005 - 5,0	129.	Fenamidone	0,005 - 3,0
12.	Aldicarb sulfone	0,005 - 3,0	72.	Climbazole	0,005 - 3,0	130.	Fenamiphos	0,005 - 3,0
13.	Aldicarb sulfoxide	0,005 - 3,0	73.	Clodinafop free acid	0,005 - 5,0	131.	Fenamiphos-Sulfone	0,005 - 3,0
14.	Ametoctradin	0,005 - 3,0	74.	Clofentezine	0,005 - 5,0	132.	Fenamiphos-Sulfoxide	0,005 - 3,0
15.	Amidosulfuron	0,005 - 3,0	75.	Cloquintocet (free acid)	0,005 - 5,0	133.	Fenbuconazole	0,005 - 3,0
16.	Aminocarb	0,005 - 3,0	76.	Clothianidin	0,005 - 3,0	134.	Fenchlorazol-ethyl	0,005 - 5,0
17.	Aminopyralid	0,01 - 5,0	77.	Coumaphos	0,005 - 3,0	135.	Fenfuram	0,005 - 3,0
18.	Amisulbrom	0,005 - 5,0	78.	Coumoxystirbin	0,005 - 5,0	136.	Fenobucarb	0,005 - 3,0
19.	Amitraz	0,005 - 3,0	79.	Crotoxyphos	0,005 - 1,0	137.	Fenoxycarb	0,005 - 3,0
20.	Anilazine	0,005 - 5,0	80.	Cyanazine (Fortrol)	0,005 - 3,0	138.	Fenpyrazamine	0,005 - 5,0
21.	Aramite	0,005 - 5,0	81.	Cyantraniliprole	0,005 - 5,0	139.	Fenpyroximate	0,005 - 3,0
22.	Atrazine	0,005 - 5,0	82.	Cyazofamid	0,005 - 3,0	140.	Fensulfothion	0,005 - 5,0
23.	Atrazine-desethyl	0,005 - 5,0	83.	Cyclanilide	0,005 - 3,0	141.	Fensulfothion-oxone	0,005 - 5,0
24.	Atrazine-desisopropyl	0,005 - 5,0	84.	Cycloxydim	0,005 - 3,0	142.	Fensulfothion-sulfone	0,005 - 5,0
25.	Avermectin B1a (Abamectin)	0,005 - 5,0	85.	Cycolate	0,005 - 3,0	143.	Fenthion-sulfoxide	0,005 - 5,0
26.	Avermectin B1b (Abamectin)	0,05 - 5,0	86.	Cyflumetofen	0,005 - 5,0	144.	Fentin	0,0025 - 5,0
27.	Azadirachtin	0,005 - 5,0	87.	Cymoxanil	0,005 - 3,0	145.	Flamprop-isopropyl	0,005 - 3,0
28.	Azinphos-ethyl	0,005 - 5,0	88.	Cyproconazole	0,005 - 3,0	146.	Flonicamid	0,01 - 1,0
29.	Azinphos-methyl	0,005 - 5,0	89.	DEET	0,005 - 5,0	147.	Florasulam	0,005 - 5,0
30.	Aziprotryne	0,005 - 5,0	90.	Demethon	0,005 - 3,0	148.	Fluzinam	0,005 - 3,0
31.	Azoxystrobin	0,005 - 5,0	91.	Demeton-S-methyl	0,01 - 3,0	149.	Fluzuron	0,005 - 3,0
32.	BAM Dichlorbenzamide	0,005 - 5,0	92.	Demeton-S-methyl sulfoxide	0,005 - 3,0	150.	Flubendiamide	0,005 - 5,0
33.	Beflubutamid	0,005 - 5,0	93.	Demeton-S-methyl sulphone	0,005 - 3,0	151.	Flufenacet	0,005 - 3,0
34.	Bendiocarb	0,005 - 5,0	94.	Desmedipham	0,005 - 3,0	152.	Flufenoxuron	0,005 - 3,0
35.	Benfuracarb	0,005 - 5,0	95.	Diallate	0,005 - 3,0	153.	Fluoksastrobin	0,005 - 5,0
36.	Benodanil	0,005 - 5,0	96.	Dichlofluanid	0,005 - 5,0	154.	Fluometuron	0,005 - 3,0
37.	Benomyl	0,005 - 5,0	97.	Diclofop	0,005 - 5,0	155.	Flupicolid	0,005 - 3,0
38.	Benoxacor	0,005 - 5,0	98.	Diclofop-methyl	0,005 - 5,0	156.	Fluopyram	0,005 - 5,0
39.	Bensulide	0,005 - 5,0	99.	Diclotophos	0,005 - 3,0	157.	Fluorochloridone	0,005 - 5,0
40.	Benthiavalicarb-isopropyl	0,005 - 5,0	100.	Diethofencarb	0,005 - 3,0	158.	Fluoroglycofen-ethyl	0,005 - 5,0
41.	Benzimidazole	0,005 - 5,0	101.	Difenoconazole	0,005 - 3,0	159.	Flupyradifurone	0,005 - 5,0
42.	Benzoximate	0,005 - 3,0	102.	Difenoxuron	0,005 - 5,0	160.	Flurtamone	0,005 - 3,0
43.	Bifenazate (D 2341)	0,005 - 5,0	103.	Diflubenzuron	0,005 - 1,0	161.	Fluthiacet-methyl	0,005 - 3,0
44.	Bixafen	0,005 - 5,0	104.	Diflufenican	0,005 - 3,0	162.	Fluxapyroxad	0,005 - 5,0
45.	Boscalid	0,005 - 3,0	105.	Dimefox	0,005 - 3,0	163.	Fomesafen	0,005 - 5,0
46.	Bromuconazole	0,005 - 3,0	106.	Dimefuron	0,005 - 3,0	164.	Foramsulfuron	0,005 - 5,0
47.	Butocarboxim	0,005 - 3,0	107.	Dimepiperate	0,005 - 5,0	165.	Forchlorfenuron	0,005 - 3,0
48.	Butocarboxim sulfoxide	0,005 - 3,0	108.	Dimethachlor	0,005 - 5,0	166.	Formetanate hydrochloride	0,005 - 5,0
49.	Buturon	0,005 - 3,0	109.	Dimethenamid-p	0,005 - 3,0	167.	Formothion	0,005 - 5,0
50.	BYI-enol	0,005 - 5,0	110.	Dimethoate	0,005 - 3,0	168.	Fosthiazate	0,005 - 3,0
51.	BYI-Enol Glucoside	0,005 - 5,0	111.	Dinotefuran	0,005 - 5,0	169.	Fuberidazole	0,005 - 3,0
52.	BYI-Keto-Hydroxy	0,005 - 5,0	112.	Dipropetryn	0,005 - 5,0	170.	Furalaxyl	0,005 - 3,0
53.	BYI-Mono-Hydroxy	0,005 - 5,0	113.	Dithianon	0,01 - 5,0	171.	Furathiocarb	0,005 - 5,0
54.	Carbendazim	0,005 - 3,0	114.	Diuron	0,005 - 1,0	172.	Halofenozide	0,005 - 3,0
55.	Carbetamide	0,005 - 3,0	115.	DMPF	0,005 - 5,0	173.	Halosulfuron-methyl	0,005 - 5,0
56.	Carbofuran	0,005 - 5,0	116.	DMST	0,005 - 5,0	174.	Haloxypop-2-ethoxyethyl	0,005 - 5,0
57.	Carbophenothion	0,005 - 5,0	117.	Dodine	0,01 - 5,0	175.	Haloxypop-methyl	0,005 - 5,0
58.	Carbosulfan	0,005 - 5,0	118.	Emamectin B1b (Emamectin benzoate)	0,005 - 5,0	176.	Hexaflumuron	0,005 - 5,0
59.	Carfentrazone-ethyl	0,005 - 5,0				177.	Hexazinone	0,005 - 3,0
60.	Chlorantraniliprole	0,005 - 5,0						

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Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]
178.	Hexythiazox	0,005 - 3,0	234.	Nitenpyram	0,005 - 5,0	290.	Quizalofop-P	0,005 - 5,0
179.	Imazalil	0,005 - 3,0	235.	Novaluron	0,01 - 5,0	291.	Quizalofop-P-ethyl	0,005 - 5,0
180.	Imazapyr	0,005 - 5,0	236.	Nuarimol	0,005 - 5,0	292.	Rimsulfuron	0,005 - 5,0
181.	Imazaquin	0,005 - 5,0	237.	Omethoate	0,003 - 3,0	293.	Rotenone	0,005 - 3,0
182.	Imazethapyr	0,005 - 5,0	238.	Oryzalin	0,005 - 5,0	294.	Saflufenacil	0,005 - 5,0
183.	Imazosulfuron	0,005 - 5,0	239.	Oxadixyl	0,005 - 5,0	295.	Secbumeton	0,005 - 3,0
184.	Imibenconazole	0,005 - 5,0	240.	Oxamyl	0,005 - 5,0	296.	Sethoxydim	0,005 - 5,0
185.	Imidacloprid	0,005 - 3,0	241.	Oxaziclomefone	0,005 - 5,0	297.	Silthiofam	0,005 - 3,0
186.	Indaziflam	0,005 - 5,0	242.	Paclobutrazol	0,005 - 3,0	298.	Simazine	0,005 - 5,0
187.	Indoxacarb	0,005 - 3,0	243.	Paraaxon methyl	0,005 - 3,0	299.	Simetryn	0,005 - 3,0
188.	Iodofenphos	0,005 - 5,0	244.	Paraaxon-ethyl	0,005 - 3,0	300.	Spinetoram	0,005 - 5,0
189.	Iodosulfuron-methyl	0,005 - 1,0	245.	Penoxsulam	0,005 - 5,0	301.	Spinosad (sum)	0,005 - 3,0
190.	Ipcnazole	0,005 - 5,0	246.	Pethoxamid	0,005 - 5,0	302.	Spinosad A	
191.	Iprovalicarb	0,005 - 3,0	247.	Phenmedipham	0,005 - 5,0	303.	Spinosad D	
192.	Isofenphos	0,005 - 3,0	248.	Phenthiopyrad	0,005 - 5,0	304.	Spirodiclofen	0,005 - 3,0
193.	Isofenphos methyl	0,005 - 3,0	249.	Phenthoate (Fenthoate)	0,005 - 3,0	305.	Spirotetramat	0,005 - 5,0
194.	Isoprocab	0,005 - 3,0	250.	Phorate sulfoxide	0,005 - 5,0	306.	Sulcotrione	0,01 - 5,0
195.	Isoprothiolane	0,005 - 3,0	251.	Phosphamidon	0,005 - 3,0	307.	Sulfotep	0,005 - 3,0
196.	Isoprazam	0,005 - 5,0	252.	Phoxim	0,005 - 5,0	308.	Sulfoxaflor	0,005 - 5,0
197.	Isxaben	0,005 - 3,0	253.	Picloram	0,01 - 5,0	309.	Sulprofos	0,005 - 5,0
198.	Isxaflutole	0,005 - 3,0	254.	Picolinafen	0,005 - 5,0	310.	Tebufenozide	0,005 - 5,0
199.	Isxathion	0,005 - 3,0	255.	Pinoxadem	0,005 - 5,0	311.	Tembotrión	0,005 - 5,0
200.	Isoproturon	0,005 - 5,0	256.	Pirimicarb-desmethyl-	0,005 - 5,0	312.	Temephos	0,005 - 3,0
201.	Lactofen	0,005 - 5,0		formamido		313.	Tepraloxymid	0,005 - 3,0
202.	Linuron	0,005 - 5,0	257.	Primisulfuron-methyl	0,005 - 3,0	314.	Terbumeton	0,005 - 3,0
203.	Lufenuron	0,005 - 5,0	258.	Prochloraz	0,005 - 3,0	315.	Terbutylazine	0,005 - 3,0
204.	Malaoxon	0,005 - 3,0	259.	Promecarb	0,005 - 3,0	316.	Tetramethrin	0,005 - 3,0
205.	Malathion	0,005 - 3,0	260.	Propamocarb	0,005 - 5,0	317.	TFNA	0,005 - 3,0
206.	Mandipropamid	0,005 - 3,0	261.	Propanil	0,005 - 5,0	318.	TFNG	0,005 - 3,0
207.	Mefenpyr-diethyl	0,005 - 3,0	262.	Propaquizafop	0,005 - 5,0	319.	Thiabendazole	0,005 - 3,0
208.	Meptyldinocap	0,005 - 5,0	263.	Propargite	0,005 - 3,0	320.	Thiacloprid	0,005 - 3,0
209.	Mesosulfuron-methyl	0,005 - 5,0	264.	Propoxur	0,005 - 3,0	321.	Thiamethoxam	0,005 - 1,0
210.	Metaflumizone	0,005 - 3,0	265.	Propoxycarbazone sodium	0,005 - 5,0	322.	Thifensulfuron-methyl	0,005 - 1,0
211.	Metaxyl	0,005 - 5,0	266.	Proquinazid	0,005 - 3,0	323.	Thiocyclam Hydrogen oxalate	0,005 - 5,0
212.	Metaxyl M	0,005 - 3,0	267.	Prosulfocarb	0,005 - 3,0	324.	Thiodicarb	0,005 - 3,0
213.	Metamitron	0,005 - 3,0	268.	Prosulfuron	0,005 - 1,0	325.	Thiofanox	0,005 - 1,0
214.	Metazachlor	0,005 - 5,0	269.	Pymetrozine	0,005 - 3,0	326.	Thiofanox sulfoxide	0,005 - 3,0
215.	Methabenzthiazuron	0,005 - 3,0	270.	Pyraclofos	0,005 - 3,0	327.	Thiophanate-methyl	0,01 - 3,0
216.	Methamidophos	0,005 - 1,0	271.	Pyraclostrobin	0,005 - 3,0	328.	Thiophanate-ethyl	0,005 - 5,0
217.	Methfuroxam	0,005 - 5,0	272.	Pyraflufen-ethyl	0,005 - 5,0		(Thiophanate)	
218.	Methiocarb sulfoxide	0,005 - 5,0	273.	Pyrasulfotole	0,005 - 5,0	329.	Topramezone	0,01 - 5,0
219.	Methomyl	0,005 - 3,0	274.	Pyrethrins (sum)	0,005 - 5,0	330.	Traloxymid	0,005 - 3,0
220.	Methoxyfenozide	0,005 - 3,0	275.	Pyrethrin I		331.	Tribenuron-methyl	0,005 - 5,0
221.	Metobromuron	0,005 - 5,0	276.	Pyrethrin II		332.	Tribufos (DEF)	0,005 - 5,0
222.	Metolcarb	0,005 - 3,0	277.	Cinetrin I		333.	Triclopyr	0,005 - 5,0
223.	Metoxuron	0,005 - 3,0	278.	Cinetrin II		334.	Tridemorph	0,005 - 5,0
224.	Metrafenone	0,005 - 3,0	279.	Jasmodin I		335.	Trifloxysulfuron sodium	0,005 - 5,0
225.	Mezotrion	0,01 - 5,0	280.	Jasmodin II		336.	Triflumizole	0,005 - 5,0
226.	Milbimectin A3	0,005 - 3,0	281.	Jasmodin III		337.	Triflururon	0,005 - 3,0
227.	Milbimectin A4	0,005 - 3,0	282.	Pyridaben	0,005 - 3,0	338.	Triflursulfuron-methyl	0,005 - 5,0
228.	Monocrotophos	0,005 - 5,0	283.	Pyridaphenthion	0,005 - 3,0	339.	Triforine	0,005 - 3,0
229.	Monuron	0,005 - 3,0	284.	Pyridate	0,005 - 5,0	340.	Trinexapac-ethyl	0,005 - 5,0
230.	N-(2,4-Dimethylphenyl)formamide	0,005 - 5,0	285.	Pyroxsulam	0,005 - 5,0	341.	Triticonazole	0,005 - 3,0
	N,N-Dimethylsulfamide	0,005 - 5,0	286.	Quinclorac	0,005 - 5,0	342.	Tritosulfuron	0,01 - 5,0
231.	N,N-Dimethylsulfamide	0,005 - 5,0	287.	Quinmerac	0,005 - 5,0	343.	Vamidothion	0,005 - 3,0
232.	Napropamide	0,005 - 3,0	288.	Quinoclamine	0,005 - 5,0	344.	(XMC) 3,5-Xylyl methylcarb	0,005 - 5,0
233.	Neburon (Phosphoramidothi)	0,005 - 5,0	289.	Quizalofop	0,005 - 5,0	345.	Zoxamide	0,005 - 3,0

Technika / Technique GC/MS/MS

Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]
1.	Acibenzolar-S-methyl	0,005 - 5,0	5.	Aldrin (HHDN)	0,001 - 5,0	9.	Antraquinone	0,005 - 5,0
2.	Aclonifen	0,005 - 5,0	6.	Allethrin	0,005 - 5,0	10.	Azaconazole	0,005 - 5,0
3.	Acrinathrin	0,005 - 5,0	7.	Ametryn	0,005 - 5,0	11.	Azoxystrobin	0,005 - 5,0
4.	Alachlor	0,005 - 5,0	8.	Amisulbrom	0,005 - 5,0	12.	Beflubutamid	0,005 - 5,0

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Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]
13.	Benalaxyl	0,005 - 5,0	79.	DDE -p,p	0,005 - 5,0	144.	Fenpropathrin	0,005 - 5,0
14.	Bendiocarb	0,005 - 5,0	80.	DDT - p,p	0,005 - 5,0	145.	Fenpropidin	0,005 - 5,0
15.	Benfluralin	0,005 - 5,0	81.	DDT- o,p	0,005 - 5,0	146.	Fenpropimorph	0,005 - 5,0
16.	Benfuresate	0,005 - 5,0	82.	Deltamethrin	0,005 - 5,0	147.	Fenson	0,005 - 5,0
17.	Benoxacor	0,005 - 5,0	83.	Desmetryn	0,005 - 5,0	148.	Fenthion	0,005 - 5,0
18.	Benzoylprop-ethyl	0,005 - 5,0	84.	Dialifos	0,005 - 5,0	149.	Fenthion sulfone	0,005 - 5,0
19.	Bifenazate	0,005 - 5,0	85.	Diazinon	0,005 - 5,0	150.	Fenuron	0,005 - 5,0
20.	Bifenox	0,005 - 5,0	86.	Dibromobenzophenon-4,4	0,005 - 5,0	151.	Fenvalerate	0,005 - 5,0
21.	Bifenthrin	0,005 - 5,0	87.	Dichlobenil	0,005 - 5,0	152.	Fipronil	0,001 - 5,0
22.	Biphenyl	0,005 - 5,0	88.	Dichlofenthion	0,005 - 5,0	153.	Fipronil disulfinyli	0,001 - 5,0
23.	Bitertanol	0,005 - 5,0	89.	Dichlormid	0,005 - 5,0	154.	Flamprop methyl	0,005 - 5,0
24.	Boscalid	0,005 - 5,0	90.	Dichlorobenzamide-2,6	0,005 - 5,0	155.	Fluazifop-P-butyl	0,005 - 5,0
25.	Bromfeninfos	0,005 - 5,0	91.	Dichlorobenzophenone-4,4	0,005 - 5,0	156.	Flucythrinate	0,005 - 5,0
26.	Bromocyclen	0,005 - 5,0	92.	Dichlorvos	0,005 - 5,0	157.	Fludioxonil	0,005 - 5,0
27.	Bromophos-ethyl	0,005 - 5,0	93.	Diclobutrazol	0,005 - 5,0	158.	Flumioxazin	0,005 - 5,0
28.	Bromophos-methyl	0,005 - 5,0	94.	Dicloran	0,005 - 5,0	159.	Flurochloridone I (Flurochl)	0,005 - 5,0
29.	Bromopropylate	0,005 - 5,0	95.	Dicofol	0,005 - 5,0	160.	Fluorodifen	0,005 - 5,0
30.	Bupirimate	0,005 - 5,0	96.	Dieldrin	0,001 - 5,0	161.	Fluotrimazole	0,005 - 5,0
31.	Buprofezin	0,005 - 5,0	97.	Diethofencarb	0,005 - 5,0	162.	Fluquinconazole	0,005 - 5,0
32.	Butachlor	0,005 - 5,0	98.	Difenoconazole	0,005 - 5,0	163.	Flusilazole	0,005 - 5,0
33.	Butafenacil	0,005 - 5,0	99.	Dimethachlor	0,005 - 5,0	164.	Flutolanil	0,005 - 5,0
34.	Butralin	0,005 - 5,0	100.	Dimethipin	0,005 - 5,0	165.	Flutriafol	0,005 - 5,0
35.	Butylate	0,005 - 5,0	101.	Dimethomorph	0,005 - 5,0	166.	Fluvalinate-tau I	0,005 - 5,0
36.	Cadusafos	0,005 - 5,0	102.	Dimetilan	0,005 - 5,0	167.	Folpet	0,005 - 5,0
37.	Captan	0,005 - 5,0	103.	Dimoxystrobin	0,005 - 5,0	168.	Fonofos	0,005 - 5,0
38.	Carbaryl	0,005 - 5,0	104.	Diniconazole	0,005 - 5,0	169.	Halfenprox	0,005 - 5,0
39.	Carbophenothion	0,005 - 5,0	105.	Dinitramine	0,005 - 5,0	170.	HCH-alpha	0,005 - 5,0
40.	Carboxin	0,005 - 5,0	106.	Dinoseb	0,005 - 5,0	171.	HCH-beta	0,005 - 5,0
41.	Chinomethionate	0,005 - 5,0	107.	Dinoterb	0,005 - 5,0	172.	HCH-delta	0,005 - 5,0
42.	Chlorbenside	0,005 - 5,0	108.	Dioxacarb	0,005 - 5,0	173.	HCH-epsilon	0,005 - 5,0
43.	Chlorbufam	0,005 - 5,0	109.	Dioxathion	0,005 - 5,0	174.	HCH-gamma	0,005 - 5,0
44.	Chlordane	0,005 - 5,0	110.	Diphenamid	0,005 - 5,0	175.	Heptachlor	0,005 - 5,0
45.	Chlordimeform HCl	0,005 - 5,0	111.	Diphenylamine	0,005 - 5,0	176.	Heptachlor cis	0,001 - 5,0
46.	Chlorfenapyr	0,005 - 5,0	112.	Dipropetryn	0,005 - 5,0	177.	Heptachlor trans	0,001 - 5,0
47.	Chlorfenprop-methyl	0,005 - 5,0	113.	Disulfoton	0,001 - 5,0	178.	Heptenophos	0,005 - 5,0
48.	Chlorfenson	0,005 - 5,0	114.	Disulfoton sulfone	0,001 - 5,0	179.	Hexachlorobenzene	0,001 - 5,0
49.	Chlorfenvinphos	0,005 - 5,0	115.	Disulfoton sulfoxide	0,001 - 5,0	180.	Hexaconazole	0,005 - 5,0
50.	Chlormephos	0,005 - 5,0	116.	Ditalimfos	0,005 - 5,0	181.	Hexazinone	0,005 - 5,0
51.	Chlorobenzilate	0,005 - 5,0	117.	Dodemorph	0,005 - 5,0	182.	Imazalil	0,005 - 5,0
52.	Chloroneb	0,005 - 5,0	118.	Edifenphos	0,005 - 5,0	183.	Iodofenphos	0,005 - 5,0
53.	Chloropropylate	0,005 - 5,0	119.	Endosulfan alph	0,005 - 5,0	184.	Ipcconazole	0,005 - 5,0
54.	Chlorpropham	0,005 - 5,0	120.	Endosulfan beta	0,005 - 5,0	185.	Iprobenfos	0,005 - 5,0
55.	Chlorpyrifos	0,005 - 5,0	121.	Endosulfan sulfate	0,005 - 5,0	186.	Iprodione	0,005 - 5,0
56.	Chlorpyrifos-methyl	0,005 - 5,0	122.	Endrin	0,001 - 5,0	187.	Isazofos (Miral, Isazophos)	0,005 - 5,0
57.	Chlorthal-dimethyl	0,005 - 5,0	123.	EPN	0,005 - 5,0	188.	Isocarbofos	0,005 - 5,0
58.	Chlorthiophos	0,005 - 5,0	124.	Epoxiconazole	0,005 - 5,0	189.	Isodrin	0,005 - 5,0
59.	Chlortalat	0,005 - 5,0	125.	EPTC	0,005 - 5,0	190.	Isofenphos	0,005 - 5,0
60.	Cinidon-ethyl	0,005 - 5,0	126.	Esfenvalerat	0,005 - 5,0	191.	Isoxadifen-ethyl	0,005 - 5,0
61.	Clomazone	0,005 - 5,0	127.	Etaconazole	0,005 - 5,0	192.	Kresoxim-methyl	0,005 - 5,0
62.	Clomeprop	0,005 - 5,0	128.	Ethiolate	0,005 - 5,0	193.	Lenacil	0,005 - 5,0
63.	Crimidine	0,005 - 5,0	129.	Ethion	0,005 - 5,0	194.	Leptophos	0,005 - 5,0
64.	Crufomate	0,005 - 5,0	130.	Ethofumesate	0,005 - 5,0	195.	Mecarbam	0,005 - 5,0
65.	Cyanofenphos	0,005 - 5,0	131.	Ethoprophos	0,005 - 5,0	196.	Mepanipyrim	0,005 - 5,0
66.	Cyanophos	0,005 - 5,0	132.	Ethoxyquin	0,005 - 5,0	197.	Mepronil	0,005 - 5,0
67.	Cyflufenamid	0,005 - 5,0	133.	Etofenprox	0,005 - 5,0	198.	Metazachlor	0,005 - 5,0
68.	Cyfluthrin	0,005 - 5,0	134.	Etioazole	0,005 - 5,0	199.	Metconazole	0,005 - 5,0
69.	Cyhalothrin Gamma	0,005 - 5,0	135.	Etridiazole	0,005 - 5,0	200.	Methacrifos	0,005 - 5,0
70.	Cyhalothrin-lambda	0,005 - 5,0	136.	Etrimfos	0,005 - 5,0	201.	Methidathion	0,005 - 5,0
71.	Cypermethrin	0,005 - 5,0	137.	Fenarimol	0,005 - 5,0	202.	Methiocarb (Mercaptodimethur)	0,005 - 5,0
72.	Cyphenothrin I	0,005 - 5,0	138.	Fenazaquin	0,005 - 5,0	203.	Methiocarb sulfone	0,005 - 5,0
73.	Cyproconazole	0,005 - 5,0	139.	Fenbuconazole	0,005 - 5,0	204.	Methoprotryne	0,005 - 5,0
74.	Cyprodinil	0,005 - 5,0	140.	Fenchlorphos	0,005 - 5,0	205.	Methoxychlor op	0,005 - 5,0
75.	Dazomet	0,005 - 5,0	141.	Fenhexamid	0,005 - 5,0	206.	Methoxychlor pp	0,005 - 5,0
76.	DDD - o,p	0,005 - 5,0	142.	Fenitrothion	0,005 - 5,0	207.	Metolachlor	0,005 - 5,0
77.	DDD - p,p	0,005 - 5,0	143.	Fenpiclonil	0,005 - 5,0			
78.	DDE - o,p	0,005 - 5,0						



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Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]	Lp.	Związek	Zakres [mg/kg]
208.	Metribuzin	0,005 - 5,0	242.	Phosmet	0,005 - 5,0	277.	Sulfentrazone	0,005 - 5,0
209.	Mevinphos	0,005 - 5,0	243.	Phthalimide	0,005 - 5,0	278.	Sulprofos	0,005 - 5,0
210.	Mirex	0,005 - 5,0	244.	Picolinafen	0,005 - 5,0	279.	Tebuconazole	0,005 - 5,0
211.	Molinate	0,005 - 5,0	245.	Picoxystrobin	0,005 - 5,0	280.	Tebuufenpyrad	0,005 - 5,0
212.	Monalide	0,005 - 5,0	246.	Piperonyl butoxide	0,005 - 5,0	281.	Tecnazene	0,005 - 5,0
213.	Myclobutanil	0,005 - 5,0	247.	Pirimicarb	0,005 - 5,0	282.	Tefluthrin	0,005 - 5,0
214.	Naled	0,005 - 5,0	248.	Pirimicarb-desmethyl	0,005 - 5,0	283.	TEPP	0,005 - 5,0
215.	Naphtalene	0,005 - 5,0	249.	Pirimiphos-ethyl	0,005 - 5,0	284.	Terbacil	0,005 - 5,0
216.	Nitrapyrin	0,005 - 5,0	250.	Pirimiphos-methyl	0,005 - 5,0	285.	Terbufos	0,001 - 5,0
217.	Nitrofen	0,001 - 5,0	251.	Procymidone	0,005 - 5,0	286.	Terbuthylazine-desethyl	0,005 - 5,0
218.	Nitrothal-isopropyl	0,005 - 5,0	252.	Profenofos	0,005 - 5,0	287.	Terbutryn	0,005 - 5,0
219.	Norflurazon	0,005 - 5,0	253.	Prometon	0,005 - 5,0	288.	Tetrachlorvinphos	0,005 - 5,0
220.	Nuarimol	0,005 - 5,0	254.	Prometryn	0,005 - 5,0	289.	Tetraconazole	0,005 - 5,0
221.	Octachlorodipropyl ether (S421)	0,005 - 5,0	255.	Propachlor	0,005 - 5,0	290.	Tetradifon	0,005 - 5,0
222.	Oxadiazon	0,005 - 5,0	256.	Propazine	0,005 - 5,0	291.	Tetrahydrophthalimide	0,005 - 5,0
223.	Oxadixyl	0,005 - 5,0	257.	Propetamphos	0,005 - 5,0	292.	Tetrasul	0,005 - 5,0
224.	Oxycarboxin	0,005 - 5,0	258.	Propham	0,005 - 5,0	293.	Thiobencarb (Benthiocarb)	0,005 - 5,0
225.	Oxyfluorfen	0,005 - 5,0	259.	Propiconazole	0,005 - 5,0	294.	Thionazin	0,005 - 5,0
226.	Parathion methyl	0,005 - 5,0	260.	Prothiofos	0,005 - 5,0	295.	Tolclofos-methyl	0,005 - 5,0
227.	Parathion-ethyl	0,005 - 5,0	261.	Prothioconazole(prothioconazole desthio)	0,005 - 5,0	296.	Tolyfluanid	0,005 - 5,0
228.	Penconazole	0,005 - 5,0	262.	Pyraclostrobin	0,005 - 5,0	297.	Transfluthrin	0,005 - 5,0
229.	Pencycuron	0,005 - 5,0	263.	Pyraflufen-ethyl	0,005 - 5,0	298.	Triadimefon	0,005 - 5,0
230.	Pendimethalin	0,005 - 5,0	264.	Pyrazophos	0,005 - 5,0	299.	Triadimenol	0,005 - 5,0
231.	Pentachloroaniline	0,005 - 5,0	265.	Pyridaben	0,005 - 5,0	300.	Tri-allate	0,005 - 5,0
232.	Pentachloroanisole	0,005 - 5,0	266.	Pyrifenoxy	0,005 - 5,0	301.	Triazophos	0,005 - 5,0
233.	Pentachlor (Solan, CMMP)	0,005 - 5,0	267.	Pyriproquinazone	0,005 - 5,0	302.	Trichlorophenol 2,4,6-	0,005 - 5,0
234.	Permethrin	0,005 - 5,0	268.	Pyrimethanil	0,005 - 5,0	303.	Tricyclazole	0,005 - 5,0
235.	Perthane	0,005 - 5,0	269.	Pyriproxyfen	0,005 - 5,0	304.	Trifloxystrobin	0,005 - 5,0
236.	Pethoxamid	0,005 - 5,0	270.	Quinalphos	0,005 - 5,0	305.	Trifluralin	0,005 - 5,0
237.	Phenothrin	0,005 - 5,0	271.	Quinoxifen	0,005 - 5,0	306.	Uniconazole	0,005 - 5,0
238.	Phenthoate	0,005 - 5,0	272.	Quintozene	0,005 - 5,0	307.	Vinclozolin	0,005 - 5,0
239.	Phenylphenol	0,005 - 5,0	273.	Sebutylazine	0,005 - 5,0			
240.	Phorate	0,005 - 5,0	274.	Silafluofen	0,005 - 5,0			
241.	Phosalone	0,005 - 5,0	275.	Spiromesifen	0,005 - 5,0			
			276.	Spiroxamine	0,005 - 5,0			

Lista 6 Pestycydy Kwaśne/ List 6 Acidic Pesticides

Technika / Technique LC/MS/MS

Lp. No	Związek Active substance	Zakres Range [mg/kg]	Lp. No	Związek Active substance	Zakres Range [mg/kg]	Lp. No	Związek Active substance	Zakres Range [mg/kg]
1.	2,4-D	0,01 - 5,0	10.	Fenoxaprop-ethyl	0,005 - 3,0	19.	Metosulam	0,005-3,0
2.	2,4-DB	0,05 - 5,0	11.	Flazasulfuron	0,005 -1,0	20.	Metsulfuron-methyl	0,005-1,0
3.	Bensulfuron-methyl	0,005-3,0	12.	Fluoxypyr	0,05 - 5,0	21.	Nicosulfuron	0,005-3,0
4.	Bentazon	0,05 - 5,0	13.	Haloxyfop	0,05 - 5,0	22.	Propyzamide	0,005-3,0
5.	Bromacil	0,005-3,0	14.	Imazamox	0,005 - 5,0	23.	Sulfosulfuron	0,005-1,0
6.	Bromoxynil	0,01 - 5,0	15.	Ioxynil	0,005-3,0	24.	Teflubenzuron	0,005-1,0
7.	Clopyralid	0,01 - 5,0	16.	MCPA	0,005-5,0	25.	Triasulfuron	0,005-1,0
8.	Dicamba	0,05 -5,0	17.	MCPB	0,01-5,0			
9.	Dichloroprop	0,005 - 5,0	18.	Mekoprop	0,01 - 5,0			

Lista 10. Ditiokarbaminiany (jako CS₂). Związki oznaczane techniką spektrofotometryczną

 List 10 Dithiocarbamates (as CS₂). Spectrophotometric method

Lp. No	Związek Active substances	Zakres Range [mg/kg]
1.	Ditiokarbaminiany/ Dithiocarbamates Ferbam, Mankozeb, Maneb, Metam, Metiram, Nabam, Propineb, Tiuram, Ziram, Zineb – wyrażone jako CS ₂	0,01-8,0

 Autoryzował / Authorized: 24.08.2018 N
 (data i podpis)

Ewa Witkowska

Kierownik ds. Badań i Oceny