



23/05/12

To: AVSHALOM

**Subject:** Test of Pesticide residues

**Sample description:** Green Up # 12012012

**Sample No:** 21141

**Date of reception:** 22/05/12

**Date of test performance:** 23/05/12

**Sampler:** The client

**Analysis Method:** GC-MS, LC-MS

**TEST CERTIFICATE No. 21141**

Detection and quantitation was made by **GC-MS**

**Analysis Results:**

		<b>Pesticide CAS RN</b>	<b>LOQmg/kg</b>	<b>LODmg/kg</b>	<b>result</b>	<b>MRLppm</b>
1	2-Phenylphenol	90-43-7	0.02	0.01	N.D	
3	Acetamiprid	135410-20-7		0.2	N.D	
4	Aclonifen	74070-46-5	0.5	0.2	N.D	
5	Acrinathrin	101007-06-1	0.02	0.02	N.D	
6	Alachlor	15972-60-8	0.1	0.1	N.D	
7	Aldrin	309-00-2	0.02	0.01	N.D	
8	Alpha-HCH	319-85-7	0.5	0.2	N.D	
9	Ametryn	834-12-8	0.02	0.01	N.D	
10	Amitraz	33089-61-1	0.05	0.01	N.D	
11	Atrazine	1912-24-9	0.2	0.1	N.D	
12	Azinphos-methyl	86-50-0	0.5	0.5	N.D	
13	Azoxystrobin	131860-33-8	0.1	0.1	N.D	
14	Benalaxyl	71626-11-4	0.01	0.01	N.D	
15	Bifenthrin	82657-04-3	0.01	0.01	N.D	
16	Bitertanol	55179-31-2	0.01	0.01	N.D	
17	Boscalid	188425-85-6	0.01	0.01	N.D	
18	Bromacil	314-40-9	0.1	0.1	N.D	
19	Bromoprylate	18181-80-1	0.02	0.01	N.D	
20	Bupirimate	41483-43-6	0.1	0.1	N.D	
21	Buprofezin	69327-76-0	0.02	0.02	N.D	
22	Cadusafos	95465-99-9	0.02	0.01	N.D	
23	Captan	133-06-2	0.2	0.1	N.D	
24	Carbaryl	63-25-2	0.2	0.1	N.D	

25	Carbof sulfan 1	55285-14-8	0.5	0.2	N.D	
26	Carbofuran	1563-66-2	0.02	0.02	N.D	
27	Carbosulfan	55285-14-8	0.5	0.2	N.D	
28	CARFENTRAZONE-ETHYL	128621-72-7	0.1	0.1	N.D	
29	Chlorfenapyr	122453-73-0	0.05	0.02	N.D	
31	Chlorothalonil	1897-45-6	0.5	0.5	N.D	
32	Chlorpropham	101-21-3	0.2	0.2	N.D	
33	Chlorpyrifos	2921-88-2	0.05	0.02	N.D	
34	Chlorpyrifos-methyl	5598-13-0	0.2	0.1	N.D	
35	Chlorthal-dimethyl	1861-32-1	0.02	0.01	N.D	
36	Cyfluthrin	68359-37-5	0.1	0.1	N.D	
37	Cyhalothrin	91465-08-6	0.01	0.01	N.D	
38	Cypermethrin	52315-07-8	0.1	0.1	N.D	
39	Cyproconazole	94361-06-5	0.2	0.2	N.D	
40	Cyproconazole1	94361-06-5	0.5	0.2	N.D	
41	Cyprodinil	121552-61-2	0.01	0.01	N.D	
42	Diafenthiuron	80060-09-9	0.05	0.02	N.D	
43	Diazinon	333-41-5	0.01	0.01	N.D	
44	Dichlofotion	97-17-6	0.02	0.01	N.D	
45	Dichlofluanid	1085-98-9	0.5	0.5	N.D	
46	Dichloran	99-30-9	0.05	0.05	N.D	
47	Dichlorvos	62-73-7	0.02	0.02	N.D	
48	Dicofol	115-32-2	0.05	0.02	N.D	
49	Dieldrin	60-57-1	0.05	0.05	N.D	
50	Diethofencarb	87130-20-9	0.02	0.01	N.D	
51	Difenconazole	119446-68-3	0.5	0.2	N.D	
52	Diflufenican	83164-33-4	0.01	0.01	N.D	
53	Diniconazole1	83657-24-3	0.05	0.02	N.D	
54	diphenylamine	122-39-4	0.01	0.01	N.D	
55	Diuron	330-54-1	0.5	0.5	N.D	
56	Endosulfan	115-29-7	0.2	0.1	N.D	
57	Ethafluralin	55283-68-6	0.1	0.05	N.D	
58	Ethiofencarb	29973-13-5	0.1	0.1	N.D	
59	ETHION	563-12-2	0.02	0.01	N.D	
60	Ethofumesate	26225-79-6	0.05	0.01	N.D	
61	Ethoprofos	13194-48-4	0.02	0.01	N.D	
62	Ethoxyquin	91-53-2	0.1	0.1	N.D	
63	Etofenprox	80844-07-1	0.01	0.01	N.D	
64	Etoazole	153233-91-1	0.02	0.02	N.D	
65	Fenamiphos	22224-92-6	0.2	0.1	N.D	
66	Fenarimol	60168-88-9	0.02	0.02	N.D	
67	Fenbuconazole	114369-43-6	0.05	0.02	N.D	
68	Fenhexamid	126833-17-8	0.1	0.1	N.D	
69	Fenitrothion	122-14-5	0.05	0.02	N.D	
70	Fenpropathrin	64257-84-7	0.05	0.02	N.D	
71	Fenthion	55-38-9	0.01	0.01	N.D	

72	Fenzaquin	120928-09-8	0.01	0.01	N.D	
73	Fipronil	120068-37-3	0.2	0.2	N.D	
75	Fludioxonil	101463-69-8	0.2	0.1	N.D	
76	Flufenuxuron2	56425-91-3	0.1	0.1	N.D	
77	Flurprimidol	85509-1-9	0.01	0.01	N.D	
78	Flusilazole	66332-96-5	0.02	0.01	N.D	
79	Flutolanil	766-74-21-0	0.1	0.1	N.D	
80	Flutriafol	133-07-3	0.05	0.05	N.D	
81	Folpet	65907-30-4	0.2	0.1	N.D	
82	Furathiocarb	319-85-7	0.01	0.01	N.D	
83	Heptachlor epoxide -cis	1024-57-3	0.5	0.2	N.D	
84	Hexaconazole	79983-71-4	0.02	0.02	N.D	
85	Imazilil	35554-44-0	0.5	0.5	N.D	
86	Iprodione	36734-19-7	0.2	0.1	N.D	
87	Isazofos	42509-80-8	0.2	0.1	N.D	
88	Kresoxim-methyl	143390-89-0	0.02	0.01	N.D	
89	Malathion	121-75-5	0.05	0.02	N.D	
90	Mepanipyrim	110235-47-7	0.05	0.02	N.D	
91	Metalaxyl	57837-19-1	0.05	0.02	N.D	
92	Methamidophos	10265-92-6	0.2		N.D	
93	Methidathion	950-37-8	0.05	0.02	N.D	
94	Methiocarb	2032-65-7	0.05	0.05	N.D	
95	Metolachlor	51218-45-2	0.02	0.01	N.D	
96	Miclobutanil	88671-89-0	0.2	0.1	N.D	
98	Norflurazon	116714-46-6	0.1	0.05	N.D	
99	Novaluron	90-43-7	0.1	0.1	N.D	
100	Oxadiazon	19666-30-9	0.02	0.01	N.D	
101	Oxadixyl	77732-09-3	0.05	0.05	N.D	
102	Oxyfluorfen	42874-03-3	0.2	0.1	N.D	
103	P,P-DDD	53-19-0	0.2	0.2	N.D	
104	Parathion	56-38-2	0.05	0.05	N.D	
105	Penconazole	66246-88-6	0.05	0.01	N.D	
106	Pendimethalin	40487-42-1	0.05	0.05	N.D	
107	Permethrin isomer-2	52645-53-1	0.02	0.01	N.D	
108	PHOSPHAMIDON	13171-21-6	0.1	0.1	N.D	
109	Piperonyl butoxide	51-03-6	0.01	0.01	N.D	
110	Pirimicarb	23103-98-2	0.01	0.01	N.D	
111	Pirimiphos-methyl	29232-93-7	0.01	0.01	N.D	
113	Prometryn	7287-19-6	0.02	0.02	N.D	
115	Propargite	2312-35-8	0.05	0.05	N.D	
116	Propiconazole	60207-90-1	0.2	0.1	N.D	
117	PROPOXUR	114-26-1	0.02	0.01	N.D	
118	Propyzamide	23950-58-5	0.1	0.1	N.D	
119	Prothiofos	34643-46-4	0.1	0.1	N.D	
120	Puclobutrazole	76738-62-0	0.02	0.01	N.D	
121	Pyrazophos	13457-18-6	0.1	0.05	N.D	

122	Pyrifenox	88283-41-4	0.1	0.05	N.D	
123	Pyrimethanil	53112-28-0	0.01	0.01	N.D	
124	Pyrimidifen	105779-78-0	0.02	0.01	N.D	
125	Pyriproxyfen	95737-68-1	0.05	0.01	N.D	
126	Quinalphos	13593-03-8	0.02	0.01	N.D	
127	Quinoxifen	124495-18-7	0.02	0.01	N.D	
128	Quintozen; PCNB;	82-68-8	0.05	0.05	N.D	
130	Simazine	122-34-9	0.2	0.1	N.D	
131	Tebuconazole	107534-96-3	0.1	0.05	N.D	
132	Tebufenpyrad	119168-77-3	0.02	0.01	N.D	
134	Terbumeton	33693-04-8	0.02	0.01	N.D	
135	Terbutryn	886-50-0	0.02	0.01	N.D	
136	Tetraconazole	112281-77-3	0.02	0.02	N.D	
137	Tetradifon	116-29-0	0.05	0.02	N.D	
138	Tetramethrin	7696-12-0	0.01	0.01	N.D	
139	Thiabendazole	148-79-8	0.5	0.5	N.D	
140	Tolclofos-methyl	57018-04-9	0.01	0.01	N.D	
142	Triadimefon	43121-43-3	0.02	0.02	N.D	
143	Triadimenol	55219-65-3	0.05	0.02	N.D	
145	Trifloxystrobin	141517-21-7	0.05	0.02	N.D	
146	Trifloxystrobin2	141517-21-7	0.2	0.1	N.D	
147	Trifluralin	1582-09-8		0.5	N.D	
148	Uniconazole	83657-22-1	0.02	0.01	N.D	
149	VINCLOZOLIN	50471-44-8	0.05	0.01	N.D	

Detection and quantitation was made by LC-MS

#### Analysis Results:

	LCMS	Pesticide CAS RN	LOQmg/kg	LODmg/kg	result	MRLppm
1	Abamectin	71751-41-2	0.03	0.03	N.D	
2	Acephate	30560-19-1	0.03	0.03	N.D	
3	Acequinocyl	57960-19-7	0.03	0.03	N.D	
4	Acetamiprid	135410-20-7	0.03	0.03	N.D	
5	Aldicarb	116-06-8	0.03	0.03	N.D	
6	Aldicarb-sulfone	1646-88-4	0.03	0.03	N.D	
7	Aldicarb-sulfoxide	1646-87-3	0.03	0.03	N.D	
8	Azadiracthin	11141-17-6	0.03	0.03	N.D	
9	Boscalid	188425-85-6	0.03	0.03	N.D	
10	Brodifacoum	56073-10-0	0.03	0.03	N.D	
11	Carbendazim	10605-21-7	0.03	0.03	N.D	
12	Chlorfluazuron	71422—67-8	0.03	0.03	N.D	
13	Chlorsulfuron (glean)	64902-72-3	0.03	0.03	N.D	
14	Clofentezine	74115-24-5	0.03	0.03	N.D	
15	Clopyralid	1702-17-6	0.03	0.03	N.D	
16	Coumaphos	56-72-4	0.03	0.03	N.D	
17	Cycloxydim	101205-02-1	0.03	0.03	N.D	

18	Cymoxanil	57966-95-7	0.03	0.03	N.D	
19	Dazomet	533-74-4	0.03	0.03	N.D	
20	Difenconazole	119446-68-3	0.03	0.03	N.D	
21	Dinotefuran	165252-70-0	0.03	0.03	N.D	
22	Dithianon	3397-22-6	0.03	0.03	N.D	
23	Emamectin Benzoate	155569-91-8	0.03	0.03	N.D	
24	flumetsulam	98967-40-9	0.03	0.03	N.D	
25	flumeturon	2164-17-2	0.03	0.03	N.D	
26	Indoxacarb	173584-44-6	0.03	0.03	N.D	
27	Imidacloprid	105827-78-9	0.03	0.03	N.D	
28	mecarbam	2595-54-2	0.03	0.03	N.D	
29	Methiocarb	2032-65-7	0.03	0.03	N.D	
30	Methiocarb Sulfone	2179-25-1	0.03	0.03	N.D	
31	Methiocarb Sulfoxide	01/10/2635	0.03	0.03	N.D	
32	Methomyl	16752-77-5	0.03	0.03	N.D	
33	Methoxyfenozide	161050-58-4	0.03	0.03	N.D	
34	Oxamyl	23135-22-0	0.03	0.03	N.D	
35	Paraquate dichloride	1910-42-5	0.03	0.03	N.D	
36	Propaquizafop	111479-05-1	0.03	0.03	N.D	
37	Pymetrozine	123312-89-0	0.03	0.03	N.D	
38	Pyraclostrobin	175013-18-0	0.03	0.03	N.D	
39	Spinosad A	168316-95-8	0.03	0.03	N.D	
40	Thiacloprid	111988-49-9	0.03	0.03	N.D	
41	Thiametoxam	153719-23-4	0.03	0.03	N.D	
42	Thidiazuron	51707-55-2	0.03	0.03	N.D	
43	Thiram	137-26-8	0.03	0.03	N.D	
44	Triadimenol	55219-65-3	0.03	0.03	N.D	
45	Triasulfuron	82097-50-5	0.03	0.03	N.D	
46	Trifloxystrobin	141517-21-7	0.03	0.03	N.D	

Sample preparation: Elena Morozov

Data analysis: Maya Broyer, Rahamim Atedgi, Shlomo Schtricher

Test results relate only to item tested

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