

## Residue trials - Cucumber - page 1

**Commodity: Cucumber**

GAP/ trial ref.	Country	Mode of treatment	Application rate			Stage of treatment/ date(s) of treatment	NE of appl	PHI (d)	Residue (mg/kg)	Portion analyzed	Pests controlled/ Method of analysis, residues analyzed
			kg ai/ha	water (l/ha)	kg ai/hl						
<i>GAP</i>	<i>Austria, France, Greece, Italy, portugal, Spain</i>	<i>Foliar treatment</i>	<i>0.15</i>			<i>Not specified</i>	<i>4</i>	<i>3</i>			<i>Phytophthora infestans Pseudoperonospora cubensis</i>
<b>Metalaxyl-M residue data</b>											
2099/97	France 37 (North)	Foliar treatment (SC)	0.150	508-531		71/ 72/ 73/ 74 BBCH	4	0 7 14 21	0.44 <b>0.32</b> 0.08 0.04	Fruit Fruit Fruit Fruit	Method REM 181.01 modified LOD : 0.02 mg/kg <i>greenhouse</i>
2100/97	France 37 (North)	Foliar treatment (WP)	0.160	415-516		71/ 72/ 73/ 74 BBCH	4	0 7 14 21	0.34 <b>0.19</b> 0.11 0.05	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Greenhouse</i>
2101/97	France 37 (North)	Foliar treatment (SC)	0.150	461-523		66/ 67/ 71/ 72 BBCH	4	0 7 14 21	0.23 <b>0.12</b> 0.07 0.04	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Greenhouse</i>
2102/97	France 37 (North)	Foliar treatment (WP)	0.160	475-519		66/ 67/ 71/ 72 BBCH	4	0 7 14 21	0.26 <b>0.18</b> 0.12 0.06	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Greenhouse</i>
2103/97	France 37 (North)	Foliar treatment (SC)	0.150	495-514		64/ 66/ 71/ 73 BBCH	4	0 7 14 21	0.29 <b>0.13</b> 0.06 0.03	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Greenhouse</i>
2104/97	France 37 (North)	Foliar treatment (WP)	0.160	486-500		64/ 66/ 71/ 73 BBCH	4	0 7 14 21	0.27 <b>0.15</b> 0.07 0.04	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Greenhouse</i>
2107/97	Italy 35	Foliar treatment (SC)	0.150	790-835		43-51/53-61/63-70/71 BBCH	4	0 6 13 20	0.28 <b>0.19</b> 0.12 0.05	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2108/97	Italy 35	Foliar treatment (WP)	0.160	785-806		43-51/53-61/63-70/71 BBCH	4	0 6	0.33 <b>0.18</b>	Fruit Fruit	Method REM 181.01 modified

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GAP/ trial ref.	Country	Mode of treatment	Application rate			Stage of treatment/ date(s) of treatment	NE of appl	PHI (d)	Residue (mg/kg)	Portion analyzed	Pests controlled/ Method of analysis, residues analyzed
			kg ai/ha	water (l/ha)	kg ai/hl						
								13 20	0.09 0.04	Fruit Fruit	
2109/97	Italy 35	Foliar treatment (SC)	0.150	795-825		17-40/52/52-61/63-70 BBCH	4	0 6 13 20	0.86 <u><b>0.17</b></u> 0.09 0.05	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2110/97	Italy 35	Foliar treatment (WP)	0.160	794-813		17-40/52/52-61/63-70 BBCH	4	0 6 13 20	1.24 <u><b>0.15</b></u> 0.09 0.05	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2111/97	Italy 35	Foliar treatment (SC)	0.150	801-820		53-61/63-70/65-70/65-73 BBCH	4	0 6 13 20	0.37 <u><b>0.10</b></u> 0.06 0.03	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2112/97	Italy 35	Foliar treatment (WP)	0.160	767-802		53-61/63-70/65-70/65-73 BBCH	4	0 6 13 20	0.31 <u><b>0.15</b></u> 0.08 0.04	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2113/97	Italy 35	Foliar treatment (SC)	0.150	797-817		51/53-61/61/61-70 BBCH	4	0 6 13 20	0.70 <u><b>0.12</b></u> 0.05 0.02	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2114/97	Italy 35	Foliar treatment (WP)	0.160	770-822		51/53-61/61/61-70 BBCH	4	0 6 13 20	0.81 <u><b>0.14</b></u> 0.05 0.03	Fruit Fruit Fruit Fruit	Method REM 181.01 modified
2115/97	Italy 46	Foliar treatment (SC)	0.150	958-986		68-71/69-72/69-78/69-78 BBCH	4	0 7 14 21	0.93 <u><b>0.21</b></u> 0.11 0.02	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Covered crop</i>

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GAP/ trial ref.	Country	Mode of treatment	Application rate			Stage of treatment/ date(s) of treatment	NE of appl	PHI (d)	Residue (mg/kg)	Portion analyzed	Pests controlled/ Method of analysis, residues analyzed
			kg ai/ha	water (l/ha)	kg ai/hl						
2116/97	Italy 46	Foliar treatment (WP)	0.160	968-1018		68-71/68-71/68-79/68-79 BBCH	4	0 7 14 21	0.44 <u><b>0.19</b></u> 0.09 0.02	Fruit Fruit Fruit Fruit	Method REM 181.01 modified  <i>Covered crop</i>
2009/97	Spain	Foliar treatment (WP)	0.150	301-400		13/ 17/ 61/ 82 BBCH	4	0 3 7 14 21	0.12 <u><b>0.11</b></u> 0.05 0.02 0.02	Fruit Fruit Fruit Fruit Fruit	Method REM 181.01  <i>Greenhouse</i>
2010/97	Spain	Foliar treatment (WP)	0.150	625-938		72/ 74/ 85/ 89 BBCH	4	0 3 7 14 21	0.13 <u><b>0.13</b></u> 0.14 0.08 0.05	Fruit Fruit Fruit Fruit Fruit	Method REM 181.01  <i>Greenhouse</i>
<b>Metalaxyl residue data</b>											
2435/86	Austria	Foliar spray	0.2	1200		beginning flowering - fruit production	5	1* 4* 2** 4**	<0.02 0.02 0.02 0.04	Fruits Fruits Fruits Fruits	GLC, metalaxyl Outdoor * after 3rd treatment ** after 5th treatment
2010/79	Sweden	Foliar spray (WP)	0.000125 ai /plant	0.5 l/ plant		5-6 developed leaves	1	35 50 64	<0.02 <0.02 <0.02	Fruits Fruits Fruits	Method REM 16/76, metalaxyl Indoor
240/79	Switzerland	foliar spray (WP)	0.25	1000		mature cucumbers at last spraying	3	0 4-7 14	0.07 0.09 0.05	Fruits Fruits Fruits	Method REM 16/76, metalaxyl GLC with AFID outdoor
241/79	Switzerland	foliar spray (WP)	0.25	1000		mature cucumbers at last spraying	3	0 4 7 14	0.11 0.06 0.04 0.03	Fruits Fruits Fruits Fruits	Method REM 16/76, metalaxyl GLC with AFID outdoor
242/79	Switzerland	foliar spray (WP)	0.25	1000		mature cucumbers at last spraying	3	0 4-7 14	0.14 0.06 0.03	Fruits Fruits Fruits	Method REM 16/76, metalaxyl GLC with AFID outdoor

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GAP/ trial ref.	Country	Mode of treatment	Application rate			Stage of treatment/ date(s) of treatment	NE of appl	PHI (d)	Residue (mg/kg)	Portion analyzed	Pests controlled/ Method of analysis, residues analyzed
			kg ai/ha	water (l/ha)	kg ai/hl						
OF92034/ G48	France 34 (South)	foliar spray (WP)	0.5			Last spraying : harvest	3	3 7 14	0.17 0.06 0.04	Fruits Fruits Fruits	RES 03/93, metalaxyl Indoor (open tunnel)
OF92034/ G49	France 34 (South)	foliar spray (WP)	0.5			Last spraying : harvest	3	3 7 14	0.20 0.14 0.03	Fruits Fruits fruits	RES 03/93, metalaxyl Indoor
OF92034/ J76	France 13 South	foliar spray (WP)	0.5			Last spraying : harvest	3	3 7 14	0.89 0.19 0.06	Fruits Fruits fruits	RES 03/93, metalaxyl Indoor (wool rock)
OF92034/ J77	France 84 (South)	foliar spray (WP)	0.5			Last spraying : 29/06/92	3	3 7 14	1.36 0.54 0.07	Fruits Fruits Fruits	RES 03/93, metalaxyl Indoor (soil under cold tunnel)
276/79	Israel	foliar spray (WP)	0.25	500			1	0 3 7 14 21	0.37 0.18 0.17 0.12 0.06	Fruits Fruits Fruits Fruits Fruits	Method REM 16/76, metalaxyl outdoor

Note: residues are expressed as metalaxyl