

**Commodity : Onion**

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						
GAPs	Austria, France, Germany, Italy, Spain, UK	Foliar treatment	0.15 kg/ha			First sign of disease	3	14			Peronospora destrictpr
<b>Metalaxyl-M residue data</b>											
2014/97	Spain	Foliar treatment (WP)	0.150	400		43/45/49 BBCH	3	0 3 7 14 21	0.07 <0.02 0.02 <u>&lt;0.02</u> <0.02	Bulbs Bulbs Bulbs Bulbs Bulbs	Method REM 181.01
2013/97	Spain	Foliar treatment (WP)	0.150	500		13/19/41-43 BBCH	3	0 4 7 14 21	0.06 0.02 <0.02 <u>&lt;0.02</u> <0.02	Bulbs Bulbs Bulbs Bulbs Bulbs	Method REM 181.01
2340/97	Switzerland	Foliar treatment (WP)	0.150	800		43/44/45 BBCH	3	0 7 14 21	<0.02 <0.02 <u>&lt;0.02</u> <0.02	Bulbs Bulbs Bulbs Bulbs	Method DFG S19, m-metalaxyl (Not recovered in point B.4 of the monograph)
2338/97	Switzerland	Foliar treatment (WP)	0.150	800		41/42/44 BBCH	3	0 7 14 21	0.04 <0.02 <u>&lt;0.02</u> <0.02	Bulbs Bulbs Bulbs Bulbs	Method DFG S19, m-metalaxyl
2093/97	UK	Foliar treatment (SC)	0.096 0.098 0.103	192 196 206		402/405/407 BBCH	3	14 14	<0.02 <u>&lt;0.02</u>	Bulbs Bulbs	Method REM 181.01
2094/97	UK	Foliar treatment (SC)	0.147 0.148 0.156	196 198 208		402/405/407 BBCH	3	14 14	<0.02 <u>&lt;0.02</u>	Bulbs Bulbs	Method REM 181.01
2097/97	Spain	Foliar treatment	0.097 0.105 0.99	583 633 598		41/43/47 BBCH	3	14	<u>&lt;0.02</u>	Bulbs	Method REM 181.01
2098/97	Spain	Foliar treatment	0.149	600		41/43/47 BBCH	3	14	<0.02	Bulbs	Method REM 181.01
2095/97	UK	Foliar treatment (SC)	0.096 0.104 0.098	192 208 196		402/404/407 BBCH	3	14 14	<0.02 <u>&lt;0.02</u>	Bulbs Bulbs	Method REM 181.01
OF96129/BY	France	Foliar treatment (SC)	0.090	400		43/44/45 BBCH	3	13	<u>&lt;0.02</u>	Bulbs	Method REM 181.01

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						
05	South										
OF96129/KJ 79	France North	Foliar treatment (SC)	0.090	400		45/45/47 BBCH	3	14	<u>&lt;0.02</u>	Bulbs	Method REM 181.01
OF96129/LD 79	France North	Foliar treatment (SC)	0.090	400		19/19/45 BBCH	3	14	<u>&lt;0.02</u>	Bulbs	Method REM 181.01
OF96129/SJ2 1	France North	Foliar treatment (SC)	0.090	400		41/43/45 BBCH	3	14	<u>&lt;0.02</u>	Bulbs	Method REM 181.01
2033/97	Italy	Foliar treatment (SC)	0.096	576		43-45/45-47/45-47 BBCH	3	0	<0.02	Bulbs	Method REM 181.01
			0.100	600				7	<0.02	Bulbs	
			0.100	600				14	<u>&lt;0.02</u>	Bulbs	
								21	<0.02	Bulbs	
2339/97	Switzerland	Foliar treatment (SC)	0.100	800		41/42/44 BBCH	3	0	0.03	Bulbs	Method DFG S19
								7	<0.02	Bulbs	
								14	<u>&lt;0.02</u>	Bulbs	
								21	<0.02	Bulbs	
2341/97	Switzerland	Foliar treatment (SC)	0.100	800		43/44/45 BBCH	3	0	<0.02	Bulbs	Method DFG S19
								7	<0.02	Bulbs	
								14	<u>&lt;0.02</u>	Bulbs	
								21	<0.02	Bulbs	
2032/97	Italy	Foliar treatment (WP)	0.144	576		43-45/45-47/45-47 BBCH	3	0	0.02	Bulbs	Method REM 181.01
			0.150	600				7	<0.02	Bulbs	
			0.150	600				14	<u>&lt;0.02</u>	Bulbs	
								21	<0.02	Bulbs	
2096/97	UK	Foliar treatment (SC)	0.146	195		402/404/407 BBCH	3	14	<0.02	Bulbs	Method REM 181.01
			0.144	192				14	<0.02	Bulbs	
			0.147	196							
Metalaxyl residue data											
2247/83	Austria	Foliar treatment (WP)	0.200	350		40-50 cm at last application	3	78	<0.02	bulbs	Method REM 16/76, metalaxyl
2264/83	Austria	Foliar treatment (WP)	0.200	600		25-30 cm at first application	4	35	<0.02	bulbs	Method REM 16/76, metalaxyl
2265/83	Austria	Foliar treatment (WP)	0.200	600		25-30 cm at first application	4	35	<0.02	bulbs	Method REM 16/76, metalaxyl
45/78	France (North)	Foliar treatment (WP)	0.225				3	27	<0.04	Bulbs	Method REM 16/76, metalaxyl
2196/83	Canada	Foliar treatment (WP)	0.200	500		Final spray : tops dying	3	1	<0.03	Bulbs	Method AG-395 (2,6-

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						
						down		3 7	<0.03 <0.03	Bulbs bulbs	dimethylaniline) Residues expressed as total metalaxyl LOD : 0.05mg/kg
2458/79	Canada	Foliar treatment (WP)	0.250	1700		various	4	1 10 17	0.23 0.036 0.02	bulbs	Method REM 16/76, metalaxyl
2475/80	Canada	Foliar treatment (WP)	0.25 0.25 0.25 0.25	1200 1200 1200 1200		Various Various Various various	4 4 4 3	1 3 7 14	0.05 0.04 0.04 0.03	Bulbs Bulbs Bulbs Bulbs	Method REM 17/80, metalaxyl
2035/84	Canada	Foliar treatment (WP)	0.200	1000			3	1 3 7	0.07 0.07 0.03	Whole plant w.p.	AG-395 (2,6-dimethylaniline) Residues expressed as metalaxyl
2037/84	Canada	Foliar treatment (WP)	0.200	1000			3	1 3 7	<0.03 <0.03 <0.03	Whole plant w.p.	AG-395 (2,6-dimethylaniline) Residues expressed as metalaxyl
2045/82	Germany	Foliar treatment (WP)	0.25				3	0 7 9 14 21	0.56 0.17 0.14 0.19 0.11	Bulbs Bulbs Bulbs Bulbs Bulbs	Method REM 16/76 metalaxyl
2377/81	Germany	Foliar treatment (WP)	0.25	600			3	0 7 10 14 21	0.96 0.06 0.05 0.02 <0.02	Bulbs Bulbs Bulbs Bulbs bulbs	Method REM 16/76, metalaxyl
2026/83	Germany	Foliar treatment (WP)	0.25	-			3	0 7 12 16 33	0.25 0.23 0.04 0.08 <0.02	Whole plant w.p. w.p. w.p.	Method REM 16/76, metalaxyl
2027/83	Germany	Foliar treatment (WP)	0.2	400			3	0 7	1.5 0.08	Whole plant w.p.	Method REM 16/76, metalaxyl

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						
								11 17 24 31	0.14 0.12 0.02 0.02	w.p. w.p.	
2028/83	Germany	Foliar treatment (WP)	0.2	400			3	0 7 10 14 21	No data		Incomplete study.
2267/83	Germany	Foliar treatment (WP)	0.25	400			3	0 7 11 17 24 31	1.5 1.0 0.11 0.14 0.02 0.02	Whole plant w.p. w.p. w.p. w.p.	Method REM 16/76, metalaxyl
2268/83	Germany	Foliar treatment (WP)	0.25	400			3	0 7 12 16 33	0.24 0.34 0.07 0.05 0.02	Whole plant w.p. w.p. w.p.	Method REM 16/76, metalaxyl
2180/87	Switzerland	Foliar treatment (WP)	0.225	600			3	0 7 14 21 28 35 0 7 14 21 28	0.12 0.057 0.035 <0.02 <0.02 <0.02 1.7 0.33 0.33 <0.02 <0.02	Bulbs Bulbs Bulbs Bulbs Bulbs Bulbs Leaves Leaves Leaves Leaves Leaves	Method REM 16/76 modified, metalaxyl
2075/82	Switzerland	Foliar treatment (WP)	0.25				3	0 7 9 14 21	0.03 <0.02 <0.02 <0.02 0.03	Bulbs Bulbs Bulbs Bulbs Bulbs	Method REM 16/76, metalaxyl

[illegible]

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/ha						
2268/87	Brazil	Foliar treatment (WP)	0.48	600			2	0 7 15 30	0.22 0.020 0.020 <0.02	Bulbs Bulbs Bulbs bulbs	Method REM 16/76 modified, metalaxyl
<i>GAP</i>	<i>EU</i>	<i>Seed treatment</i>	<i>35 g / 100 kg seed</i>				<i>1</i>				
No Metalaxyl-M residue trials											
Metalaxyl residue data											
2287/83	Denmark	Seed treatment (SD)	4 g ai/ kg seed				1	121 133	<0.02 <0.02	bulbs	Method REM 16/76, metalaxyl
* the control check in the studies carried in UK is coming from another experiment Note: residues are expressed as metalaxyl											