

Commodity: Potato

GAP/ trial ref.	Country	Mode of treatment	Application rate			Stage of treatment/ date(s) of treatment	Nb 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						
Potatoes GAP	Austria, Belgium, Finland, France, Germany, Ireland, Italy, LuxembourgNet herlands Portugal, Spain, Sweden, UK	Foliar spray	0.113			From start of disease Development until before desiccation	5	7			Phytophthora infestans (spp.) Late blight
Metalaxyl-M residue data											
2178/94	Germany	Foliar treatment	0.10	300			4	14	<0.02	Tubers	Method REM 181.01
2179/94	Germany		0.10	300			4	14	<0.02	Tubers	
Gr31495	Germany	Foliar treatment (EC)	0.100	400		35-40/51-60/69/71-75/85 BBCH	5	0 7	<0.02 <0.02	Tubers Tubers	Method REM 181.01
Gr41495	Germany	Foliar treatment (EC)	0.100	400		51/61/71/75/79-91 BBCH	5	0 7	<0.02 <0.02	Tubers Tubers	Method REM 181.01
Gr45396	Germany	Foliar treatment (EC)	0.100	400		24-25/51/63-65/67/69-70 BBCH	5	0 7	<0.02 <0.02	Tubers Tubers	Method REM 181.01
Gr46696	Germany	Foliar treatment (EC)	0.100	400		31/60/69-70/75/81 BBCH	5	0 7	<0.02 <0.02	Tubers Tubers	Method REM 181.01
2329/97	Switzerland	Foliar treatment (EC)	0.075	800		65/69/69/46/47 BBCH	5	1 7 14	<0.02 <0.02 <0.02	Tubers Tubers Tubers	Method REM 181.01
2330/97	Switzerland	Foliar treatment (EC)	0.075	800		65/66/45/46/47 BBCH	5	1 7 14	<0.02 <0.02 <0.02	Tubers Tubers Tubers	Method REM 181.01
2198/94	U.K.	Foliar treatment (WP)	0.1	250		Plant meeting within row to end of flowering	5	0 28 29	<0.02 <0.02 <0.02	Tubers Tubers Tubers	Method REM 181.01 metalaxyl- M
2199/94	U.K.	Foliar treatment (WP)	0.1	250		Plant meeting within row to end of flowering	5	0 28	<0.02 <0.02	Tubers Tubers	Method REM 181.01
FR0595AR	U.K.	Foliar treatment (EC)	0.102	200		59/65/69/71/73 BBCH	5	1	<0.02	Tubers	Method REM 181.01

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Metalaxyl residue trials											
2425/86	Brazil	Foliar treatment (WP)	0.24	600		?	2	0 7 14 30	0.09 0.04 0.04 0.03	Tubers Tubers Tubers tubers	Method REM 16/76 modified, metalaxyl
2426/86	Brazil	Foliar treatment (WP)	0.48	600		?	2	0 7 14 30	0.05 0.03 0.03 0.03	Tubers Tubers Tubers tubers	Method REM 16/76 modified, metalaxyl
2123/88	India	Foliar treatment (WP) Knapsack sprayer	0.16	800-933		?	5	52	0.02/<0.02	tubers	Method REM 16/76 modified, metalaxyl
2126/88	India	Foliar treatment (WP) Knapsack sprayer	0.20	800-933		?	5	52	0.023/<0.02	tubers	Method REM 16/76 modified, metalaxyl
2127/88	India	Foliar treatment (WP) Knapsack sprayer	0.20	800-1000		?	4	57	0.020	tubers	Method REM 16/76 modified, metalaxyl
2020/84	Indonesia	Foliar treatment (WP) Knapsack sprayer	0.115-0.173	400-500-600		Vegetative+ generative	5	13	<0.02		Method REM 16/76, metalaxyl
			0.23-0.346	idem		idem	5	13	0.02/<0.02		
2075/92	Spain	Foliar treatment (WP)	0.18	500		50-60 DZ, 55-65 DZ, 57-70 DZ	3	39	<0.02	Tubers	Method REM 16/76 modified, metalaxyl
2076/92	Spain	Foliar treatment (WP)	0.18	500-1000		55-60 DZ, 61-63 DZ, 61-75 DZ	3	32	<0.02	Tubers	Method REM 16/76 modified, metalaxyl
2077/92	Spain	Foliar treatment (WP)	0.18	600-800		45-50, 60-63, 70-80 DZ	3	35	<0.02	Tubers	Method REM 16/76 modified, metalaxyl
2053/91	Canada	Foliar treatment (WP)	0.2	400		Early bloom, late bloom, -	3	14	0.02* 0.02/<0.02**	Tubers Tubers	Method REM 16/76 modified* and AG-395 ** * residues expressed as parent compound ** residues expressed as total residues of metalaxyl
2071/90	Canada	Foliar treatment (WP)	0.2	780		First spraying : starting at bloom stage	3	32	<0.02/0.02* <0.02**	Tubers Tubers	Method REM 16/76 modified* and AG-395 **
2072/90	Canada	Foliar treatment (WP)	0.2	200		From 2 weeks pre bloom to 2 weeks post bloom	3	15	<0.02* <0.02**	Tubers Tubers	Method REM 16/76 modified* and AG-395 **
2075/90	Canada	Foliar treatment (WP)	0.2	200		From 2 weeks pre bloom to 2 weeks post bloom	3	15	0.02/<0.02* 0.02/<0.02**	Tubers Tubers	Method REM 16/76 modified* and AG-395 **
2076/90	Canada	Foliar treatment (WP)	0.2	200		From 2 weeks pre bloom to 2 weeks post bloom	3	13	0.02/<0.02* 0.02/<0.02**	Tubers Tubers	Method REM 16/76 modified* and AG-395 **

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2037/81	Germany	Foliar treatment (WP)	0.2	600			8	7	0.038/<0.02	Potatoes	Method REM 16/76
2038/81	Germany	Foliar treatment (WP)	0.2	400			8	7	<0.02	Tubers	Method REM 16/76
2039/81	Germany	Foliar treatment (WP)	0.2	600			8	7	<0.02	Tubers	Method REM 16/76
2040/81	Germany	Foliar treatment (WP)	0.2	400			8	7	<0.02/0.02	Tubers	Method REM 16/76
2041/81	Germany	Foliar treatment (WP)	0.2	400			8	7	<0.02	potatoes	Method REM 16/76
2042/81	Germany	Foliar treatment (WP)	0.2	400			8	7	<0.02	potatoes	Method REM 16/76
2038/79	Germany	Foliar treatment (WP)	0.2	600			8	7	<0.05	potatoes	Method REM 16/76
2039/79	Germany	Foliar treatment (WP)	0.2	400			8	7	<0.05	potatoes	Method REM 16/76
2440/79	Germany	Foliar treatment (WP)	0.2	400			8	7	<0.02	Potatoes	GC, with NFID (?)
2094/82	Germany	Foliar treatment (WP)	0.2	400			3	0 3 5 7 10	<0.02 <0.02 <0.02 <0.02 <0.02	Tubers Tubers Tubers Tubers tubers	Method REM 16/76
2095/82	Germany	Foliar treatment (WP)	0.2	400			3	0 3 5 7 10	<0.02 <0.02 <0.02 <0.02 <0.02	Tubers Tubers Tubers Tubers tubers	Method REM 16/76
2097/82	Germany	Foliar treatment (WP)	0.2	1000			3	0 3 5 7 10	<0.02 <0.02 <0.02 <0.02 <0.02	Tubers Tubers Tubers Tubers tubers	Method REM 16/76
2098/82	Germany	Foliar treatment (WP)	0.2	400			3	0 3 5 7 10	<0.02 <0.02 <0.02 <0.02 <0.02	Tubers Tubers Tubers Tubers tubers	Method REM 16/76
2099/82	Germany	Foliar treatment (WP)	0.2	400			3	0 3 5 7 10	<0.02 <0.02 <0.02 <0.02 <0.02	Tubers Tubers Tubers Tubers tubers	Method REM 16/76
2100/82	Germany	Foliar treatment (WP)	0.2	400			3	0	<0.02	Tubers	Method REM 16/76

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								3	<0.02	Tubers	
								5	<0.02	Tubers	
								7	<0.02	Tubers	
								10	<0.02	tubers	
2101/82	Germany	Foliar treatment (WP)	0.2	1000			3	0	<0.02	Tubers	Method REM 16/76
								3	<0.02	Tubers	
								5	<0.02	Tubers	
								7	<0.02	Tubers	
								10	<0.02	tubers	
2309/82	Switzerland	Foliar treatment (WP)	0.2	500		50,60,70,75 % matured	5	13*	0.018	Tubers	Method REM 16/76, metalaxyl
								13**	0.014	Tubers	* : days after third application
								36**	0.028	Tubers	** : days after fifth application
2310/82	Switzerland	Foliar treatment (WP)	0.2	500		50,60,70 % matured	3	13	0.011	Tubers	Method REM 16/76, metalaxyl
								41	0.007	Tubers	* : 90% matured
								64*	0.013	Tubers	
2035/81	Switzerland	Foliar treatment (WP)	0.2	600			8	7	<0.02		Method REM 16/76, metalaxyl
2040/79	Switzerland	Foliar treatment (WP)	0.25	500			8	7	<0.05	Potatoes	Method REM 16/76, metalaxyl
2036/81	Switzerland	Foliar treatment	0.2	600			8	7	<0.02		
222/79	U.K.	Foliar treatment (WP)	0.3			Almost mature	4	14	<0.05	Tubers	Method REM 16/76, metalaxyl
		Knapsack sprayer				Almost mature	6	14	<0.05	Tubers	
223/79	U.K.	Foliar treatment (WP)	0.3			Almost mature	5	14	<0.05	Tubers	Method REM 16/76, metalaxyl
		Knapsack sprayer				Almost mature	5	14	<0.05	Tubers	
CST/996	U.K.	Foliar treatment (SL-291A)	0.15	200		Row closing to post-flowering	6	42	<0.01	Tubers	Method CG123 metalaxyl
			0.15	200			6	50	<0.01		
CST/754	U.K.	Foliar treatment (WP/ FW) ? Precision plot sprayer	3X 0.45+4X 0.60	200		Developing haulms to mature haulms	3+4	8	<0.02	Tubers	Method CG123 metalaxyl
								15	<0.02	Tubers	
			3X 0.45+ 5X 0.75	200		Developing haulms to mature haulms	3+5	7	<0.02	Tubers	
								14	<0.02	Tubers	

* the control check in the studies carried in UK is coming from another experiment

Note: residues are expressed as metalaxyl