

## Isolates validated for resistance testing and to be used for resistance testing

Crop	Pathogen	Code	Number	Contract
Bean	Bean common mosaic necrosis virus	BCMNV: NL5	nt56	Plantum
		BCMNV: NL4	nt97	
Cabbage	Colletotrichum lindemuthianum	Cl: lambda	nt57	Plantum
		Cl: 6	nt100	Plantum
	Pseudomonas savastanoi pv. phaseolicola	Psp: 6	nt57	Plantum
	Fusarium oxysporum f. sp. conglutinans	Foc: 1	nt1	Plantum
Chrysanthemum	Plasmodiophora brassicae	Pb: 0	nt317	Plantum
		Pb: 1	nt143	Plantum
		Pb: 2	nt138	Plantum
		Pb: 3	nt172	Plantum
Cucumber	Fusarium oxysporum f. sp. chrysanthemi	Foc	nt154	
	Puccinia horiana	Ph: LK1	nt300	
		Ph: NL1	nt296	
	Verticillium dahliae	Vd	nt181	
Cucumber		Vd	nt182	
	Cladosporium cucumerinum	Cca	nt207 (nt164)	Plantum
	Corynespora cassicola	Ccu	nt12	Plantum
	Cucumber green mottle mosaic virus	CGMMV	Nt280	Plantum
	Cucumber mosaic virus	CMV: UK6	nt176 (nt81)	Plantum
		CMV: I17F	nt14	Plantum
	Cucumber vein yellowing virus	CVYV: KB18	nt19	Plantum
	Papaya ringspot virus	PRSV: KB3	nt16	Plantum
	Podospaera xanthii	Px	nt226	Plantum
	Watermelon mosaic virus	WMV: KB4	nt172	Plantum
Lettuce	Zucchini yellow mosaic virus	ZYMV: KB5	nt18	Plantum
		ZYMV: CU61	nt186 (nt82)	Plantum
	Bremia lactucae	Bl: 16EU	nt31	Plantum
		Bl: 17EU	nt32	Plantum
		Bl: 18EU	nt33	Plantum
		Bl: 20EU	nt34	Plantum
		Bl: 21EU	nt35	Plantum
		Bl: 22EU	nt36	Plantum
		Bl: 23EU	nt37	Plantum
		Bl: 24EU	nt38	Plantum
	Bl: 25EU	nt39	Plantum	
	Bl: 26EU	nt309	Plantum	
	Bl: 27EU	nt310	Plantum	
	Bl: 28EU	nt312	Plantum	
	Bl: 30EU	nt314	Plantum	
	Bl: 31EU	nt315	Plantum	
	Bl: 32EU	nt316	Plantum	

	BI: 33EU	nt295	Plantum
	BI: 35EU	nt315	Plantum
	BI: 36EU	nt347	Plantum
	BI: 37EU	nt348	Plantum
	Lettuce mosaic virus	LMV: Ls1	Plantum
	Nasonovia ribis-nigri	Nr: 0	-
Melon	Fusarium oxysporum f. sp. melonis	Fom: 0	nt8
		Fom: 1	nt9
		Fom: 2	nt78
		Fom: 1-2y	nt277
	Melon necrotic spot virus	MNSV	nt260
Pea	Fusarium oxysporum f. sp. pisi	Fop: 1	nt324
		Fop: 2	nt83
Pepper	Paprika mild mottle virus	PMMoV: P1-2	nt203
		PMMoV: P1-2-3	nt204
	Potato virus Y	PVY: 0	nt165
		PVY: 1	nt162
		PVY: 1-2	nt163
	Tobacco mosaic virus	TMV: P1	nt202
	Tomato mosaic virus	ToMV: P0	nt302
	Tomato spotted wilt virus	TSWV: 0	nt307
Rose	Botrytis cinerea	Bc	nt301
Radish	Fusarium oxysporum f. sp. raphani	For	nt54
Spinach	Cucumber mosaic virus	CMV: SP43	nt59
	Peronospora effusa	Pe: 1	nt61
		Pe: 2	nt62
		Pe: 3	nt63
		Pe: 4	nt64
		Pe: 5	nt65
		Pe: 6	nt66
		Pe: 7	nt67
		Pe: 8	nt68
		Pe: 10	nt69
		Pe: 11	nt121
		Pe: 12	nt224
		Pe: 13	nt229
		Pe: 14	nt249
		Pe: 15	nt268
		Pe: 16	nt297
		Pe: 17	nt308
		Pe: 18	nt344
		Pe: 19	nt345
Strawberry	Phytophthora cactorum	Pc	nt111
		Pc	nt112
		Pc	nt113

Strawberry	Phytophthora cactorum	Pc	nt114	
		Pc	nt125	
		Pc	nt126	
Tomato	Fusarium oxysporum f. sp. lycopersici	Fol: 0EU/1US	nt51	Plantum
		Fol: 1EU/2US	nt52	Plantum
		Fol: 2	nt89	MATREF
	Fusarium oxysporum f. sp. radicis-lycopersici	For	nt60	Plantum
	Meloidogyne incognita	Mi	nt53	Plantum
	Passalora fulva	Pf: 0	nt254	MATREF
		Pf: A	nt319	Plantum
		Pf: B	nt320	Plantum
		Pf: C	nt321	Plantum
		Pf: D	nt322	Plantum
		Pf: E	nt323	Plantum
	Stemphylium solani	Ss	nt93	Plantum
	Tomato mosaic virus	ToMV: 0	nt98	MATREF
		ToMV: 1	nt43	Plantum
		ToMV: 2	nt44	Plantum
Verticillium albo-atrum	Va: 0	nt109	Plantum	
Verticillium dahliae	Vd: 0	nt50	Plantum	