

**PROJECT FULL TITLE:**  
**DEVELOPMENT OF A NEW DIAGNOSTIC TOOL USING DNA BARCODING TO IDENTIFY  
 QUARANTINE ORGANISMS IN SUPPORT OF PLANT HEALTH**

**GRANT AGREEMENT NO.: (226482)**

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**List of selected quarantine viruses**

The following Q-organisms were selected from the combined EU Directive 2000/29/EC (8 May 2000) and EPPO (September 2008) lists:

Species	Genus	List	Number of sequences in GenBank	In genbank Sept 09 Coverage	Genome sequence available	Partner responsible	Isolates available within WP	Number of isolates
Arracacha virus B, oca strain	Nepovirus	IAI	1	1 752max	No	Fera	Yes	2 at Fera
Potato black ringspot virus	Nepovirus	IAI / EPPO A1	1	2 755bp max	No	Fera	Yes	1 at Fera
Potato virus T	Trichovirus	IAI / EPPO A1	1	4	Yes x2	CIP	Yes	>10 CIP
Chrysanthemum stem necrosis virus	Tospovirus	EPPO A1	5	3 5kb max	No	Fera	Yes	>2 at Fera
Potato yellow dwarf virus	Rhabdovirus	EPPO A1	2	2 1500bp	No			>2 CIP
Potato yellowing virus	Alphavirus	EPPO A1	0	0	No	CIP	Yes	>2 CIP
Tomato infectious chlorosis virus	Crinivirus	EPPO A2	19	16 4800bp max	No	Fera	Yes	>2 at Fera
Iris yellow spot virus	Tospovirus	EPPO Alert	>50	96 4.8kb	No	Fera	Yes	>2 at Fera
Tomato torrado virus	Toradovirus	N/A <sup>1</sup>	44	7808 + 5403nt	Yes	PRI	Yes	>2 at PRI
Tomato marchitez virus	Toradovirus	N/A <sup>1</sup>	20	7229 + 4906	Yes	PRI	Yes	>2 at PRI

**Notes:**

<sup>1</sup>: Recently discovered genera, status in the EU not clear