

# Distribution Maps of Plant Diseases

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Map No. 1000

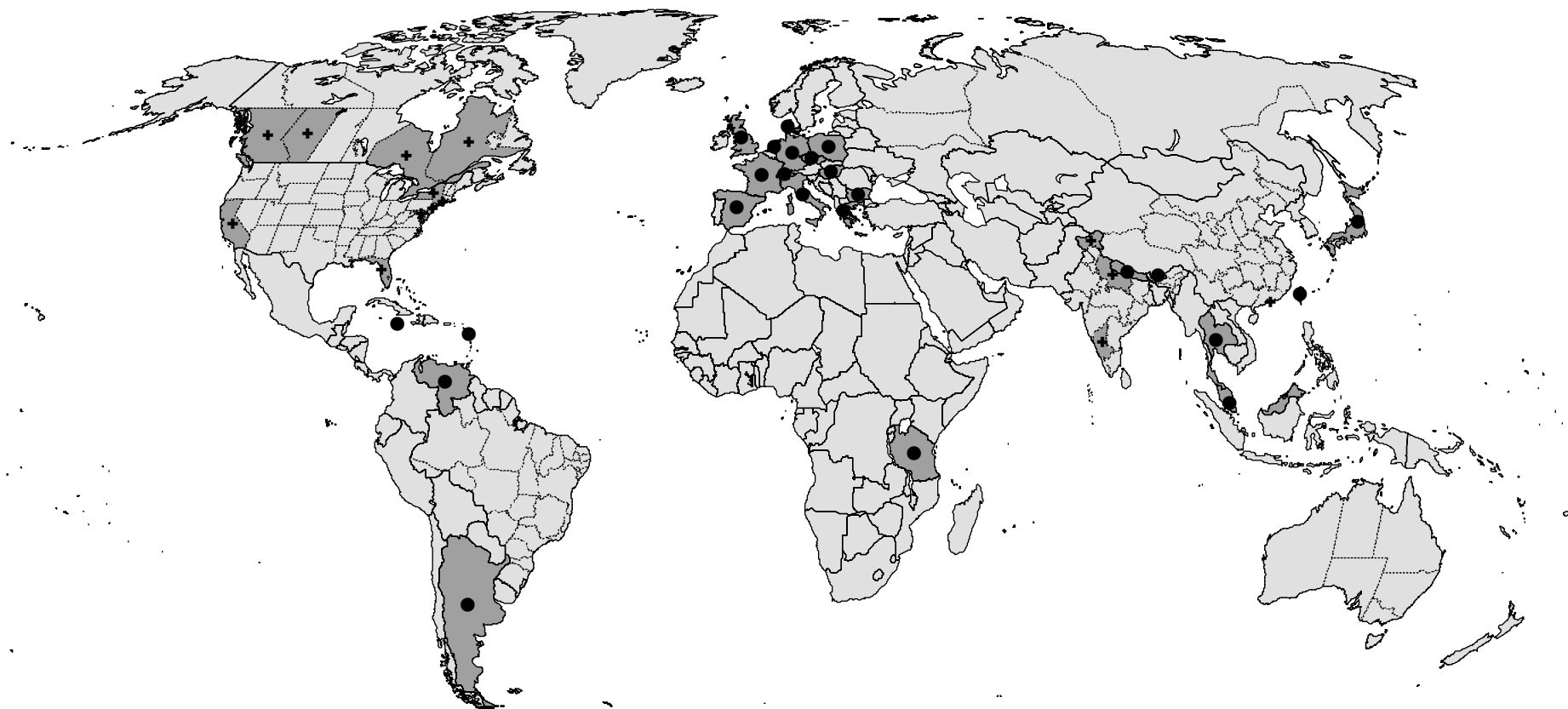
Edition 1

Issued April 2007

## *Oidium neolycopersici* L. Kiss

Fungi: Ascomycota: Erysiphales

Hosts: tomato (*Lycopersicon esculentum*).



Present: national record



Present: subnational record

CABI/EPPO (2007) *Oidium neolycopersici*. Distribution Maps of Plant Diseases No. 1000.  
CABI Head Office, Wallingford, UK.

Note: There are two *Oidium* species reported from tomato, *O. lycopersici* Cooke & Massee and *O. neolycopersici* Kiss et al. The former (sometimes incorrectly referred to as "*O. lycopersicum*") appears to be restricted to Australia, while *O. neolycopersici* seems to be almost ubiquitous but has not been reported from that country. Early records of *Oidium* species from tomato are likely to be assignable to *O. neolycopersici* unless they originate from Australia and/or have conidia formed in true chains.

Records are based on bibliographic data from the CAB ABSTRACTS database and plant quarantine information compiled by EPPO

X: Present, no details A: Present, widespread B: Present, restricted distribution C: Present, few occurrences (D): Absent, formerly present (E): Eradicated (F): Intercepted only

## EUROPE

Bulgaria	-	X	Neshev, G. (1993) <i>Phytoparasitica</i> 21 (4), 339-343. [As <i>Oidium</i> sp.]
Czech Republic	-	X	Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [Glasshouse only. Olomouc, Paskov and Spytihnev. As <i>O. lycopersicum</i> .] Lebeda, A.; Mieslerova, B. (1999) <i>Acta Phytopathologica et Entomologica Hungarica</i> 34 (1/2), 13-25. [As <i>O. lycopersici</i> .] Lebeda, A.; Mieslerova, B. (2002) <i>Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz</i> 109 (2), 129-141.
Denmark	-	X	Braun, U. (1995) <i>The powdery mildews (Erysiphales) of Europe</i> . VEB Gustav Fischer Verlag, Jena, Germany. [As <i>Erysiphales</i> .]
France	-	X	Burgerjon, A.; Nicot, P. C.; Bertrand, F.; Blancard, D. (1990) <i>Phytopathology</i> 80, 1063. Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [As <i>O. lycopersicum</i> .] Lemaire, J. M.; Conus, M.; Burgerjon, A.; Mas, P. (1999) <i>PHM Revue Horticole No. 402</i> , 21-24. [As <i>O. lycopersicum</i> .]
Germany	-	X	Gabler, J.; Gerlach, W.; Braun, U. (1990) <i>Nachrichtenblatt des Deutschen Pflanzenschutzdienstes</i> 42 (6), 94-95. [As <i>O. lycopersicum</i> .] Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [As <i>O. lycopersicum</i> .] Lebeda, A.; Mieslerova, B. (2002) <i>Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz</i> 109 (2), 129-141. Lohrer, T. (1996) <i>Gemuse (Munchen)</i> 32 (6), 396-397. [As <i>O. lycopersicum</i> .]
Greece	-	X	Vakalounakis, D. J.; Papadakis, A. (1992) <i>Plant Pathology</i> 41 (3), 372-373. [Glasshouse only. As <i>Erysiphe</i> sp.]
Hungary	-	X	Kiss, L. (1996) <i>Plant Disease</i> 80 (2), 224. [As <i>Erysiphe</i> sp.]
Italy	-	X	
	Mainland Italy	X	Stravato, V. M. (1993) <i>Informatore Agrario</i> 49 (47), 36-37. [South-central. As <i>O. lycopersici</i> .]
Netherlands	-	X	Huang CaiCheng; Biesheuvel, J.; Lindhout, P.; Niks, R. E. (2000) <i>European Journal of Plant Pathology</i> 106 (5), 465-473. [As <i>O. lycopersici</i> .] Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [As <i>O. lycopersicum</i> .] Lebeda, A.; Mieslerova, B. (2002) <i>Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz</i> 109 (2), 129-141. Lemaire, J. M.; Conus, M.; Burgerjon, A.; Mas, P. (1999) <i>PHM Revue Horticole No. 402</i> , 21-24. [As <i>O. lycopersicum</i> .] Paternotte, S. J. (1988) <i>Groeten en Fruit</i> 43, 30-31.
Poland	-	X	Dyki, B. (2003) <i>Vegetable Crops Research Bulletin</i> 59, 131-138. Dyki, B.; Staniaszek, M. (1997) <i>Phytopathologia Polonica</i> No. 13, 13-17. [As <i>O. lycopersicum</i> .] Sobolewski, J.; Robak, J. (1994) <i>Ochrona Roslin</i> 38 (9), 4-7. [As <i>O. lycopersicum</i> .]
Spain	-	X	Olalla, L.; Torés, J. A. (1998) <i>Plant Disease</i> 82 (5), 592. [Almería. Glasshouse only. As <i>Erysiphe</i> sp.]
Switzerland	-	X	Bolay, A. (1998) <i>Revue Suisse de Viticulture, d'Arboriculture et d'Horticulture</i> 30 (6), 373-378. [As <i>O. lycopersicum</i> .] Corbaz, R. (1990) <i>Revue Suisse de Viticulture, d'Arboriculture et d'Horticulture</i> 22 (3), 159-161. [As <i>Erysiphe</i> sp.] Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [As <i>O. lycopersicum</i> .]
UK	-	X	
	England and Wales	X	Fletcher, J. T.; Smewin, B. J.; Cook, R. T. A. (1988) <i>Plant Pathology</i> 37 (4), 594-598. [South England. Glasshouse only. As <i>Erysiphe</i> sp.] Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [England. As <i>O. lycopersicum</i> .]

Lebeda, A.; Mieslerova, B. (2002) *Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz* 109 (2), 129-141. [England.]

## ASIA

Bhutan	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
China	-	X	
	Hong Kong	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
India	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697. Herb. IMI (1976).
	Jammu and Kashmir	X	Herb. IMI (1986) [Srinagar, Kashmir].
	Karnataka	X	Herb. IMI (1987).
	Uttar Pradesh	X	Herb. IMI (1983).
Japan	-	X	Abiko, K. (1978) <i>Proceedings of the Kansai Plant Protection Society No.20</i> , 49-52. [As <i>Erysiphe cichoracearum</i> .] Matsuda, Y.; Kashimoto, K.; Takikawa, Y.; Aikami, R.; Nonomura, T.; Toyoda, H. (2001) <i>Journal of General Plant Pathology</i> 67 (4), 294-298. [Glasshouse only. As an <i>Oidium</i> sp. of <i>Erysiphe polygoni</i> type.]
Malaysia	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
Nepal	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
Taiwan	-	X	Ko, W. H.; Wang, S. Y.; Hsieh, T. F.; Ann, P. J. (2003) <i>Journal of Phytopathology</i> 151 (3), 144-148.
Thailand	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.

## AFRICA

Tanzania	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
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## NORTH AMERICA

Canada	-	X	Kiss, L.; Takamatsu, S.; Cunnington, J. H. (2005) <i>Plant Disease</i> 89 (5), 491-496. Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [As <i>O. lycopersicum</i> .]
	Alberta	X	Bains, P. S.; Bennypaul, H.; Mirza, M. (1999) <i>Plant Disease</i> , 83(5):488. [Glasshouse only. As <i>Erysiphe</i> sp.]
	British Columbia	X	Utkhede, R. S.; Koch, C. A.; Menzies, J. G.; Ehret, D. L. (2001) <i>Canadian Journal of Plant Science</i> 81 (1), 179-182. [Fraser Valley. Glasshouse only. As <i>Erysiphe orontii</i> .]
	Ontario	X	Ferguson, G.; Shipp, L. (2002) <i>IOBC/wprs Bulletin</i> 25 (1), 69-72. [As <i>Oidium</i> sp.] Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697. Sabourin, M.; Blaser, C.; Waud, M.; Cook, S. (2006) <i>Canadian Plant Disease Survey</i> 86, 27-36.
	Quebec	X	Bélanger, R. R.; Jarvis, W. R. (1994) <i>Plant Disease</i> 78 (6), 640. [Montreal, Quebec city and Lac St-Jean. Glasshouse only. As <i>Erysiphe orontii</i> or <i>E. cichoracearum</i> ]

Records are based on bibliographic data from the CAB ABSTRACTS database and plant quarantine information compiled by EPPO

X: Present, no details A: Present: widespread B: Present, restricted distribution C: Present, few occurrences (D): Absent, formerly present (E): Eradicated (F): Intercepted only

USA	-	X	Kiss, L.; Takamatsu, S.; Cunnington, J. H. (2005) <i>Plant Disease</i> 89 (5), 491-496.
			Lebeda, A.; Halcinova, B. (1997) <i>Ochrana Rostlin</i> 33 (4), 297-310. [As <i>O. lycopersicum</i> .]
California		X	Arredondo, C. R.; Davis, R. M.; Rizzo, D. M.; Stahmer, R. (1996) <i>Plant Disease</i> 80 (11), 1303. [Glasshouse only. As <i>Oidium</i> sp.]
Connecticut		X	LaMondia, J. A.; Smith, V. L.; Douglas, S. M. (1999) <i>Plant Disease</i> 83 (4), 341-344. [As <i>O. lycopersicum</i> .]
			Marois, J. J.; Momol, M. T.; Kimbrough, J. W.; Hochmuth, R. C.; Dankers, W. (2001) <i>Plant Disease</i> 85 (12), 1292.
			Smith, V. L.; Douglas, S. M.; LaMondia, J. A. (1997) <i>Plant Disease</i> 81 (2), 229. [As <i>Erysiphe</i> sp.]
Florida		X	Marois, J. J.; Momol, M. T.; Kimbrough, J. W.; Hochmuth, R. C.; Dankers, W. (2001) <i>Plant Disease</i> 85 (12), 1292. [Glasshouse only.]
			Pernezny, K.; Sonoda, R. M. (1998) <i>Plant Disease</i> 82 (2), 262. [First record of powdery mildew of field-grown tomato in Florida. As <i>Erysiphe</i> sp.]
Maryland		X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
			Kiss, L.; Takamatsu, S.; Cunnington, J. H. (2005) <i>Plant Disease</i> 89, 491-496.
New Jersey		X	White, J. F. Jr.; Johnston, S. A.; Wang, C. L.; Chin, C. K. (1997) <i>Plant Disease</i> 81 (2), 227. [New Brunswick and Burlington County. Glasshouse only. As <i>Erysiphe</i> sp.]
New York		X	Karasevicz, D. M.; Zitter, T. A. (1996) <i>Plant Disease</i> 80 (6), 709. [Glasshouse only. As <i>Erysiphe</i> sp.]

#### CENTRAL AMERICA & CARIBBEAN

Guadeloupe	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.
Jamaica	-	X	Herb. IMI (1962).

#### SOUTH AMERICA

Argentina	-	X	Weht, S.; Brandán, E. Z.; Ploper, J. (1997) <i>Fitopatología</i> 32 (1), 81-84. [Tucumán. Glasshouse only. As <i>Erysiphe</i> sp.]
Venezuela	-	X	Kiss, L.; Cook, R. T. A.; Saenz, G. S.; Cunnington, J. H.; Takamatsu, S.; Pascoe, I.; Bardin, M.; Nicot, P. C.; Sato, Y.; Rossman, A. Y. (2001) <i>Mycological Research</i> 105 (6), 684-697.