

Tomato

Scientific name	English common name	Code	HR	IR	Comment
Viruses:					
Cucumber Mosaic Virus	Cucumber mosaic	CMV	•	•	
Tomato Mosaic Virus	Tomato mosaic	ToMV	•		
Tomato Marchitez Virus	Marchitez	ToTV	•		ToTV resistance also works against ToMarV.
Tomato Spotted Wilt Virus	Tomato Spotted wilt	TSWV	•		Even in resistant varieties, a minor percentage of infected plants can be found.
Tomato Torrado Virus	Torrado	ToTV	•		
Tomato Yellow Leaf Curl Virus	Tomato yellow leaf curl	TYLCV	•	•	
Bacteria:					
Clavibacter michiganensis pv. michiganensis	Bacterial canker	Cmm		•	
Pseudomonas syringae pv. Tomato	Bacterial speck	Pst	•		
Ralstonia solanacearum	Bacterial wilt	Rs		•	
Xanthomonas vesicatoria (ex-Xanthomonas campestris pv. vesicatoria)	Bacterial spot	Xv		•	
Fungi:					
Alternaria alternata f.sp.lycopersici	Alternaria stem canker	Aal	•		
Fulvia fulvum (ex Cladosporium fulvum)	Leaf mold	Ff	•		Strains A,B,C,D,E are now indentified as strains 1,2,3,4,5 respectively in the new Coding. Cf:1-5=Cf:1,2,3,4,5
Fusarium oxysporum f.sp..lycopersici	Fusarium wilt	Fol	•		Strains 0,1,2 exist (see note) Fol:0,1,2 = Fol:0-2
Fusarium oxysporum f.sp.radicis-lycopersici	Fusarium crown and root rot	For	•		
Leveillula taurica	Powdery mildew	Lt	•		
Oidium neolycopersici (ex Oidium lycopersici)	Powdery mildew	On	•	•	
Phytophthora infestans	Late blight	Pi		•	
Pyrenochaeta lycopersici	Corky root rot	Pl	•	•	
Stemphylium botryosum f.sp.lycopersici	Gray leaf spot	Sbl	•		
Stemphylium lycopersici (ex S. floridanum)	Gray leaf spot	Sl	•		
Stemphylium solani	Gray leaf spot	Ss	•		
Verticillium albo-atrum	Verticillium wilt	Va	•		
Verticillium dahliae	Verticillium wilt	Vd	•		
Nematodes:					
Meloidogyne arenaria	Root-knot	Ma	•	•	Range: High resistance up to approx. 28C soil temperature. Above this temperature varieties are increasingly susceptible.
Meloidogyne incognita	Root-knot	Mi	•	•	
Meloidogyne javanica	Root-knot	Mj	•	•	
Physiological					
Silvering		Si	•		

Note on Fusarium oxysporum f.sp. lycopersici

In the old coding the strains were labelled 1,2 and 3.

In the new coding the terminology is re-aligned with the scientific terminology and the strains are labelled 0,1 and 2.

old code	new code
F	Fol:0
F2	Fol:0,1
F3	Fol:0,1,2 = Fol:0-2