

RESISTENZA ALLE MALATTIE Glossario



Cultivating *Collaboration*

HM • CLAUSE



Resistenza

La resistenza è la capacità di una varietà di limitare la crescita e lo sviluppo di un determinato parassita o di una specifica malattia e/o dei danni da essi causati, rispetto alle varietà sensibili, in condizioni ambientali simili e con lo stesso livello di pressione del patogeno o del parassita. Le varietà resistenti possono comunque mostrare alcuni sintomi o danni quando la pressione dell'organismo nocivo è elevata. Si distinguono due livelli di resistenza:

ALTA RESISTENZA (HR):

Varietà che, in larga misura, limitano la crescita e lo sviluppo di un determinato parassita o di una specifica malattia in condizioni normali di pressione, rispetto alle varietà sensibili. Tuttavia, anche queste varietà possono presentare qualche sintomo o danno quando la pressione dell'organismo nocivo è particolarmente elevata.

RESISTENZA INTERMEDIA (IR):

Varietà che limitano la crescita e lo sviluppo di un determinato parassita o di una specifica malattia, ma che possono manifestare un livello di sintomi o danni superiore rispetto alle varietà con alta resistenza o con resistenza standard. Le varietà moderatamente o intermedie resistenti mostrano comunque sintomi o danni meno gravi rispetto alle varietà sensibili quando coltivate in condizioni ambientali simili e con lo stesso livello di pressione del patogeno o del parassita.

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A

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Aa	<i>Alternaria alternata</i> (A. tenuis)	Alternaria Leaf Spot	Fungi
Aac	<i>Acidovorax avenae</i> subsp. <i>citrulli</i>	Bacterial fruit blotch	Bacteria
Aal	<i>Alternaria alternata</i> f.sp. <i>lycopersici</i>	Early blight, Alternaria stem canker	Fungi
Aba	<i>Alternaria brassicicola</i>	Black spot	Fungi
Abe	<i>Alternaria brassicae</i>	Black spot	Fungi
Ac	<i>Albugo candida</i>	White rust	Fungi
Ad	<i>Alternaria dauci</i> f.sp. <i>endiviae</i>	Alternaria rot	Fungi
Ad	<i>Alternaria dauci</i>	Late leaf blight	Fungi
Ae	<i>Aphanomyces euteiches</i>	<i>Aphanomyces</i> root rot	Fungi
Af	<i>Ascochyta fabae</i>	<i>Ascochyta</i> Blight	Fungi
Ag	<i>Aphis gossypii</i>	Cotton aphid	Insects
Aj	<i>Alternaria japonica</i>	Black spot	Fungi

A

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Am	Albugo macrospora	White rust	Fungi
AMV	Alfalfa Mosaic Virus	Alfalfa mosaic	Virus
Ao	Albugo occidentalis	White rust	Fungi
Ap	Alternaria porri	Purple blotch	Fungi
Apn	Ascochyta pinodella (= Phoma medicaginis var. Pinodella)	Leaf spot and foot rot	Fungi
Apr	Aphanomyces raphani	Black root	Fungi
Aps	Ascochyta pisi	Ascochyta leaf and pod spot	Fungi
Ar	Alternaria solani, Alternaria tenuis	Alternaria rot	Fungi
Ar	Alternaria raphani	Black spot	Fungi
Ar	Alternaria radicina / Stemphylium radicinum	Black rot	Fungi
Ay	Aster Yellows	Aster Yellows	Mycoplasma

B

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
B	Botrytis	Botrytis	Fungi
B	Botrytis fabae, Botrytis cinerea	Chocolate Spot	Fungi
Ba	Botrytis allii (ex Botrytis aclada)	Botrytis neck rot	Fungi
Bc	Botrytis cinerea	Botrytis	Fungi
BCMNV	Bean Common Mosaic Necrosis Virus	Bean common mosaic necrosis	Virus
BCMV	Bean Common Mosaic Virus	Bean common mosaic	Virus
BCTV	Beet Curly Top Virus	Beet curly top	Virus
BePMV	Bell Pepper Mosaic Virus	Bell pepper mottle	Virus
BER	Blossom end rot	Blossom end rot	Physiology
BGMV	Bean Golden Mosaic Virus	Bean golden mosaic	Virus
BGYMV	Bean Golden Yellow Mosaic Virus	Bean golden yellow mosaic	Virus

B

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Bl:29,30,33-35,37	Bremia lactucae [races 29,30,33-35,37]	Downy mildew	Fungi
Bl:29-33	Bremia lactucae [races 29-33]	Downy mildew	Fungi
Bl:29-37	Bremia lactucae [races 29-37]	Downy mildew	Fungi
Bl:29-39	Bremia lactucae [races 29-39]	Downy mildew	Fungi
Bl:29-40	Bremia lactucae [races 29-40]	Downy mildew	Fungi
Bl:29-41	Bremia lactucae [races 29-41]	Downy mildew	Fungi
Bl:30,31	Bremia lactucae [races 30,31]	Downy mildew	Fungi
Bl:30-32	Bremia lactucae [races 30-32]	Downy mildew	Fungi
Bl:31,32	Bremia lactucae [races 31,32]	Downy mildew	Fungi
Bl:32	Bremia lactucae [race 32]	Downy mildew	Fungi
Blotch	Blotching	Blotching	Physiology

B

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
BLRV	Bean Leaf Roll Virus	Pea leafroll and pea top yellows	Virus
Bm	Bipolaris maydis	Southern Leaf Blight	Fungi
BNYVV	Beet Necrotic Vein Virus	Beet Necrotic Vein	Virus
Bolt	Bolting	Bolting / Flowering	Physiology
BPMoV	Bell Pepper Mottle Virus [race 0]	Tobacco mild green mosaic	Virus
BPYV	Beet Pseudo Yellowing Virus	Beet Pseudo Yellowing	Virus
Brk	Breaking	Breaking	Physiology
Bs	Botrytis squamosa	Botrytis leaf blight	Fungi
BWYV	Beet Western Yellows Virus	Beet Western Yellows	Virus
BYMV	Bean Yellow Mosaic Virus	Bean yellow mosaic	Virus

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Ca	Cercospora apii	Cercospora blight	Fungi
CaCV	Capsicum Chlorosis Virus	Capsicum Chlorosis	Virus
CaMV	Cauliflower Mosaic Virus	Cauliflower mosaic	Virus
CB	Crown blight	Crown blight / necrotic spots	Physiology
Cc	Cercospora capsici	Cercospora leaf spot	Fungi
Cc	Cercospora carotae	Early leaf blight	Fungi
Cca	Corynespora cassiicola	Corynespora blight and target spot	Fungi
Ccu	Cladosporium cucumerinum	Scab and gummosis	Fungi
CeMV	Celery Mosaic Virus	Celery mosaic	Virus
Cg	Colletotrichum graminicola	Anthracoze leaf blight	Fungi
CGMMV	Cucumber Green Mottle Mosaic Virus	Cucumber green mottle	Virus
ChiLCV	Chilli Leaf Curl Virus	Chilli Leaf Curl	Virus
ChiVMV	Chilli Veinal Mosaic Virus	Chilli Veinal Mosaic	Virus

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Cl	Colletotrichum lindemuthianum	Anthracnose	Fungi
Cl:kappa	Colletotrichum lindemuthianum [race kappa]	Anthracnose	Fungi
Cmm	Clavibacter michiganensis subsp. michiganensis	Bacterial canker	Bacteria
CMV	Cucumber Mosaic Virus	Cucumber mosaic	Virus
Co:1	Colletotrichum orbiculare [races 1] (ex Colletotrichum lagenarium)	Anthracnose	Fungi
Co:2	Colletotrichum orbiculare [races 2] (ex Colletotrichum lagenarium)	Anthracnose	Fungi
Co:3	Colletotrichum orbiculare [races 3] (ex Colletotrichum lagenarium)	Anthracnose	Fungi
Cp	Colletotrichum piperatum	Anthracnose	Fungi
Crack	Cracking	Cracking	Physiology
Cv	Cladosporium variabile	Leaf spot	Fungi
CVYV	Cucumber Vein Yellowing Virus	Cucumber vein yellowing	Virus
CYSDV	Cucurbit Yellow Stunting Disorder Virus	Cucurbit yellow stunting disorder	Virus

D & E

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Db	<i>Didymella bryoniae</i>	Gummy stem blight	Fungi
Ec	<i>Erysiphe cruciferarum</i> (ex <i>Erysiphe polygoni</i>)	Powdery mildew	Fungi
Ec	<i>Erwinia carotovora</i>	Bacterial soft rot	Bacteria
Eh	<i>Erysiphe heraclei</i>	Powdery mildew	Fungi
ENV	Endive Necrotic Virus	Necrotic	Virus
Ep	<i>Erysiphe polygoni</i>	Powdery mildew	Fungi
Ep	<i>Erysiphe pisi</i>	Powdery mildew	Fungi
Et	<i>Exserohilum turcicum</i> (ex <i>Setosphaeria turcica</i> , <i>Helminthosporium maydis</i> , <i>Helminthosporium turcicum</i>)	Northern leaf blight	Fungi

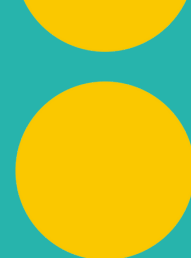
F

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Fo	<i>Fusarium oxysporum</i> f.sp.fabae	Yellows / Wilt	Fungi
Fo	<i>Frankiniella occidentalis</i>	Thrips	Insects
Foa	<i>Fusarium oxysporum</i> f.sp. apii	Fusarium yellows and wilt	Fungi
Foc	<i>Fusarium oxysporum</i> f.sp. cepae	Basal rot	Fungi
Foc	<i>Fusarium oxysporum</i> f.sp. cucumerinum	Fusarium wilt	Fungi
Foc	<i>Fusarium oxysporum</i> f.sp. capsici	Fusarium wilt	Fungi
Foc	<i>Fusarium oxysporum</i> f.sp. Cucumerinum [races 1,2,3]	Fusarium wilt	Fungi
Foc:1	<i>Fusarium oxysporum</i> f.sp. Conglutinans [race 1]	Yellows	Fungi
Fol	<i>Fusarium oxysporum</i> f.sp. Lactucae	Fusarium wilt	Fungi
Fol:0 (US1)	<i>Fusarium oxysporum</i> f.sp. lycopersici [races 0]	Fusarium wilt	Fungi
Fol:0,1 (US1,2)	<i>Fusarium oxysporum</i> f.sp. lycopersici [races 0,1]	Fusarium wilt	Fungi
Fol:0,1,2 (US1,2,3)	<i>Fusarium oxysporum</i> f.sp. lycopersici [races 0,1,2]	Fusarium wilt	Fungi
Fom	<i>Fusarium oxysporum</i> f.sp. melonis	Fusarium wilt	Fungi

F

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Fom	Fusarium oxysporum f.sp. Cepae	Fusarium wilt	Fungi
Fom	Fusarium oxysporum f.sp. Melongenae	Fusarium wilt	Fungi
Fom:0,1	Fusarium oxysporum f.sp. Melonis [races 0,1]	Fusarium wilt	Fungi
Fom:0,1,2	Fusarium oxysporum f.sp. Melonis [races 0,1,2]	Fusarium wilt	Fungi
Fom:0,2	Fusarium oxysporum f.sp. Melonis [race 0,2]	Fusarium wilt	Fungi
Fom:1	Fusarium oxysporum f.sp. melonis [race 1]	Fusarium wilt	Fungi
Fom:1,2	Fusarium oxysporum f.sp. melonis [race 1,2]	Fusarium wilt	Fungi
Fom:1-2	Fusarium oxysporum f.sp. melonis [race 1-2]	Fusarium wilt	Fungi
Fom:2	Fusarium oxysporum f.sp. melonis [race 2]	Fusarium wilt	Fungi
Fon	Fusarium oxysporum f.sp. niveum	Fusarium wilt	Fungi
Fon:0	Fusarium oxysporum f.sp. Niveum [races 0]	Fusarium wilt	Fungi
Fon:0,1	Fusarium oxysporum f.sp. Niveum [races 0,1]	Fusarium wilt	Fungi
Fon:0,1,2	Fusarium oxysporum f.sp. Niveum [races 0,1,2]	Fusarium wilt	Fungi

F



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Fon:1	Fusarium oxysporum f.sp. Niveum [races 1]	Fusarium wilt	Fungi
Fon:2	Fusarium oxysporum f.sp. Niveum [race 2]	Fusarium wilt	Fungi
Fop	Fusarium oxysporum f.sp. phaseoli	Fusarium wilt	Fungi
Fop race	Fusarium oxysporum f.sp. Pisi races ?	Fusarium wilt	Fungi
Fop:1,2,5,6	Fusarium oxysporum f.sp. Pisi races 1,2,5,6	Fusarium wilt	Fungi
For	Fusarium oxysporum f.sp. radices-lycopersici	Fusarium crown and root rot	Fungi
For	Fusarium oxysporum f.sp. raphani	Yellows / Damping off	Fungi
Fos	Fusarium oxysporum f.sp. spinaciae	Fusarium wilt	Fungi
Fs	Fusarium solani	Fusarium root rot	Fungi
Fs	Fusarium solani f. sp. fabae	Yellows / Wilt	Fungi
Fsc	Fusarium solani f.sp. Cucurbitae	Crown and root rot	Fungi
Fsp	Fusarium solani f.sp. phaseoli	Fusarium root rot	Fungi

G, H & L



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Gc	Golovinomyces cichoracearum (ex Erysiphe cichoracearum)	Powdery mildew	Fungi
Gc:1	Golovinomyces cichoracearum [race 1] (ex Erysiphe cichoracearum [race 1])	Powdery mildew	Fungi
HST	Hollow stem	Hollow stem	Physiology
LBVV	Lettuce Big Vein Virus	Big Vein	Virus
Lm	Leptosphaeria maculans (anamorp: Phoma lingam)	Ring spot, Black leg	Fungi
LMV	Lettuce Mosaic Virus	Lettuce mosaic	Virus
LRSV	Lettuce Ring Spot Virus	Lettuce Ring Spot	Virus
Lt	Leveillula taurica (anamorph: Oidiopsis sicula)	Powdery mildew	Fungi
Lt	Leveillula taurica	Powdery mildew	Fungi
LYSV	Leek Yellow Stripe Virus	Leek yellow stripe	Virus

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Ma	Meloidogyne arenaria	Root-knot	Nematodes
Mb	Mycosphaerella brassicicola	Ring spot	Fungi
MDMV	Maize Dwarf Mosaic Virus	Maize dwarf mosaic	Virus
Me	Macrosiphum euphorbiae	Potato aphid	Insects
Me	Macrosiphum euphorbia	Potato aphid	Insects
Mh	Meloidogyne hapla	Root-knot	Nematodes
Mi	Meloidogyne incognita	Root-knot	Nematodes

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Mj	Meloidogyne javanica	Root-knot	Nematodes
MLBVV	Mirafiori Lettuce Big Vein Virus	Lettuce big-vein	Virus
MNSV:0	Melon Necrotic Spot Virus [race 0]	Melon necrotic spot	Virus
Mp	Microdochium panattoniana	Anthracoze	Fungi
Mp	Mycosphaerella pinodes (= perfect stage of Ascochyta pinodes)	Ascochyta Blight	Fungi
Mp	Myzus persicae	Green peach aphid	Insects
MWMV	Moroco Watermelon Mosaic Virus	Moroco Watermelon Mosaic	Virus

N & O



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Nc	Napomyza cichorii	Leaf Miner	Insects
Nr	Nasonovia ribis nigri	Lettuce leaf aphid	Insects
Nr:0	Nasonovia ribisnigri [race 0]	Lettuce leaf aphid	Insects
OELCuV	Okra Enation Leaf Curl Virus	Okra Enation Leaf Curl	Virus
On	Oidium neolyopersicum (ex Oidium lycopersicum)	Powdery mildew	Fungi
OYVMV	Okra Yellow Vein Mosaic Virus	Okra Yellow Vein Mosaic	Virus

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
P	Pythium sp.	Pythium sp.	Fungi
PaMMV	Paprika Mild Mottle Virus [race 1]	Pepper mild mottle	Virus
Pb	Phemphigus burtarius	Root aphid	Insects
Pb	Pemphigus bursarius	Lettuce root aphid	Insects
Pb	Plasmodiophora brassicae	Clubroot	Fungi
Pbr	Peronospora brassicae	Downy mildew	Fungi
Pc	Phytophthora capsici	Pepper wilt	Fungi
Pc	Pseudomonas cichorii	Bacteriosis	Bacteria
Pcu	Pseudoperonospora cubensis [races 1,2]	Downy mildew	Fungi
Pcu	Pseudoperonospora cubensis	Downy mildew	Fungi
Pd	Peronospora destructor	Downy mildew	Fungi
PEMV	Pea Enation Mosaic Virus	Pea enation mosaic	Virus
PepMoV	Pepper Mottle Virus	Pepper mottle	Virus

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
PepSMV	Pepper Severe Mosaic Virus	Pepper Severe Mosaic	Virus
PepYMV	Pepper Yellow Mosaic Virus	Pepper yellow mosaic (ex-PVYm)	Virus
Pf:A,B,C,D,E	Passalora fulva [races A,B,C,D,E] (ex Cladosporium fulvum ex Fulvia fulva)	Leaf mold	Fungi
Pfs	Peronospora farisona f.sp. spinaciae [races 1 => 11] (ex Peronospora effusa)	Downy mildew	Fungi
Pfs:0,1	Peronospora farisona f.sp. spinaciae [races 0,1] (ex Peronospora effusa)	Downy mildew	Fungi
Ph	Puccinia hieracii var.hieracii f.sp. endiviae	Rust	Fungi
Phv	Phoma valerianellae	Damping-off	Fungi
Pi	Phytophthora infestans	Late blight	Fungi
Pl	Pyrenochaeta lycopersici	Corky root rot	Fungi
Pm	Phytophthora megasperma	Phytophthora root rot	Fungi
Pm	Phoma medicaginis var. pinodella	Yellows / Wilt	Fungi
Pp	Peronospora parasitica	Downy mildew	Fungi
Pp	Phytophthora parasitica	Buckeye fruit and root rot	Fungi

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Pp	Puccinia porri	Rust	Fungi
Pp	Puccinia polysora	Southern Rust	Fungi
Pr	Psila rosae	Carrot fly	Insects
PRSV	Papaya Ringspot Virus (ex WMV-I)	Papaya ringspot	Virus
Ps	Phomopsis sclerotioides	Phomopsis	Fungi
Ps	Puccinia sorghi	Common rust	Fungi
Ps	Pseudomonas syringae pv. aptata	Bacteriosis	Bacteria
Ps	Pseudomonas syringae pv. Lacrimans	Angular leaf spot	Bacteria
Ps	Pythium sulcatum	Cavity spot	Fungi
Ps (Rp1-D)	Puccinia sorghi (gene Rp1-D)	Common rust	Fungi
Ps (Rp1-E)	Puccinia sorghi (genes Rp1-E)	Common rust	Fungi
Ps (Rp1-GDJ)	Puccinia sorghi (genes Rp1-GDJ)	Common rust	Fungi
Ps (Rp1-GFJ)	Puccinia sorghi (genes Rp1-GFJ)	Common rust	Fungi

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Ps (Rp1-GI)	Puccinia sorghi (genes Rp1-GI)	Common rust	Fungi
Ps (Rp1-I)	Puccinia sorghi (genes Rp1-I)	Common rust	Fungi
Ps (Rp1-J)	Puccinia sorghi (genes Rp1-J)	Common rust	Fungi
Ps (RpG)	Puccinia sorghi (genes RpG)	Common rust	Fungi
Psa	Pseudomonas syringae pv. apii	Bacterial leaf spot	Bacteria
PSbMV	Pea Seedborne Mosaic Virus	Pea seedborne mosaic	Virus
Psl	Pseudomonas syringae pv. lachrymans	Angular leaf spot	Bacteria
Psm	Pseudomonas syringae pv. maculicola	Bacterial leaf spot, Peppery leaf spot	Bacteria
Psp	Pseudomonas syringae pv. Pisi [races 1 => 7]	Bacterial blight	Bacteria
Psp	Pseudomonas savastanoi pv. phaseolicola [race 1-6] (ex Pseudomonas syringae pv. phaseolicola)	Halo blight	Bacteria
Pss	Pseudomonas syringae pv. syringae	Bacterial brown spot	Bacteria
Pst	Pseudomonas syringae pv. tomato	Bacterial speck	Bacteria
Pst	Pantoea stewartii (ex Erwinia stewartii)	Stewart's disease (bacterial wilt)	Bacteria

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Pt	Pyrenochaeta terrestris	Pink root	Fungi
Pt	Peronospora tabacini	Downy mildew	Fungi
Pu	Pythium ultimum	Cavity spot	Fungi
Pv	Peronospora viciae	Downy mildew	Fungi
Pv	Pythium violae	Cavity spot	Fungi
Pv	Peronospora viciae (ex Peronospora pisi)	Downy mildew	Fungi
Pv	Peronospora valerianellae	Downy mildew	Fungi
PVY:0	Potato Virus Y [races 0]	Potato Virus Y	Virus
PVY:0,1	Potato Virus Y [races 0,1]	Potato Virus Y	Virus
PVY:0,1,1-2	Potato Virus Y [races 0,1,1-2]	Potato Virus Y	Virus
PVY:1	Potato Virus Y [races 1]	Potato Virus Y	Virus
PVY:1-2	Potato Virus Y [races 1-2]	Potato Virus Y	Virus
Px	Plutella xylostella	Diamond back moth	Insects

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Px	<i>Podosphaera xanthii</i> (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1	<i>Podosphaera xanthii</i> [race 1] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1 (US)	<i>Podosphaera xanthii</i> [race US 1] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,2	<i>Podosphaera xanthii</i> [race 1,2] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,2 (US)	<i>Podosphaera xanthii</i> [races US 1,2] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,2,3,3-5,5	<i>Podosphaera xanthii</i> [races 1,2,3,3-5,5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,2,3,5	<i>Podosphaera xanthii</i> [races 1,2,3,5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,2,5	<i>Podosphaera xanthii</i> [races 1,2,5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,2,S (US)	<i>Podosphaera xanthii</i> [races US 1,2,S] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,3-5	<i>Podosphaera xanthii</i> [races 1,3-5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,5	<i>Podosphaera xanthii</i> [race 1,5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:1,S (US)	<i>Podosphaera xanthii</i> [races US 1,S] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:2	<i>Podosphaera xanthii</i> [races 2] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi

P

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Px:2 (US)	<i>Podosphaera xanthii</i> [races US 2] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:2,3,3-5	<i>Podosphaera xanthii</i> [races 2,3,3-5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:2,5	<i>Podosphaera xanthii</i> [races 2,5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:2,S (US)	<i>Podosphaera xanthii</i> [races US 2,S] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:3	<i>Podosphaera xanthii</i> [races 3] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:3,3-5	<i>Podosphaera xanthii</i> [races 3,3-5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:3-5	<i>Podosphaera xanthii</i> [races 3-5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:5	<i>Podosphaera xanthii</i> [races 5] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi
Px:S (US)	<i>Podosphaera xanthii</i> [races US S] (ex <i>Sphaerotheca fuliginea</i>)	Powdery mildew	Fungi



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
RaMV	Radish Mosaic Virus	Radish mosaic	Virus
Rs	Ralstonia solanacearum	Bacterial wilt	Bacteria
Rs	Rhizoctonia solani	Yellows / Wilt	Fungi
Sa	Septoria apiicola	Late blight	Fungi
Sbl	Stemphylium botryosum f.sp. lycopersici	Gray leaf spot	Fungi
Sc	Sclerotium cepivorum	White rot	Fungi
Sc	Sclerotium rolfsii	Southern blight	Fungi
SCMV	Sugar Cane Mosaic Virus (ex MDMV strain B)	Sugar Cane Mosaic	Virus
Silv	Silvering	Silvering	Physiology
Sl	Stemphylium lycopersici (ex Stemphylium floridanum)	Gray leaf spot	Fungi

S

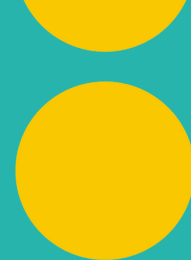
Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
SLCV	Squash Leaf Curl Virus	Squash Leaf Curl	Virus
Sm	Sclerotinia minor	Sclerotinia minor	Fungi
Ss	Sphingomonas suberifaciens (ex Rhizomonas suberifaciens)	Corky root	Fungi
Ss	Stemphylium solani	Gray leaf spot	Fungi
Ss	Sclerotinia sclerotiorum	Sclerotinia major	Fungi
Ss	Sclerotinia sclerotiorum	Pink rot	Fungi
Ss	Sclerotinia sclerotiorum	White mold	Fungi
Ss	Streptomyces scabies	Scab	Fungi
St	Stip	Stip	Physiology
Suf	Sulfur burn	Sulfur burn	Physiology

Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
TEV	Tobacco Etch Virus	Tobacco etch	Virus
TEV:c	Tobacco Etch Virus [race c]	Tobacco etch	Virus
TEV:f	Tobacco Etch Virus [race f]	Tobacco etch	Virus
Tm:0	Tobamovirus (ToMV, TMV, PMMoV) [race P0]	Tobamovirus	Virus
Tm:0-2	Tobamovirus (ToMV, TMV, TMGMV, PMMoV, PaMMV) [race P0, P1, P1.2]	Tobamovirus	Virus
Tm:0-3	Tobamovirus (ToMV, TMV, TMGMV, PMMoV, PaMMV) [race P0, P1, P1.2, P1.2.3]	Tobamovirus	Virus
TMGMV	Tobacco Mild Green Mosaic Virus [race 0]	Tobacco mild green mosaic	Virus
ToANV	Tomato Apex Necrosis Virus	Tomato Apex Necrosis	Virus
ToBRFV	Tomato Brown Rugose Fruit Virus	Tomato Brown Rugose Fruit	Virus
ToLCNDV	Tomato Leaf Curl New Delhi Virus	Tomato Leaf Curl New Delhi	Virus
ToMarV	Tomato Marchitez Virus	Tomato Marchitez	Virus



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
ToMV	Tomato Mosaic Virus [race 0]	Tomato mosaic	Virus
ToMV:0,1,2	Tomato Mosaic Virus [races 0,1,2]	Tomato mosaic	Virus
ToTV	Tomato Torrado Virus	Tomato Torrado	Virus
TSWV	Tomato Spotted Wilt Virus	Spotted wilt	Virus
TSWV:P0	Tomato Spotted Wilt Virus [race P0]	Tomato spotted wilt	Virus
TSWV:T0	Tomato Spotted Wilt Virus [race T0]	Spotted wilt	Virus
Tt	Thrips tabaci	Onion thrips	Insects
TuMV	Turnip Mosaic Virus	Turnip mosaic	Virus
Tv	Trialeurodes vaporarium	White fly	Insects
TYLCV	Tomato Yellow Leaf Curl Virus	Tomato yellow leaf curl	Virus
ToMV	Tomato Mosaic Virus [race 0]	Tomato mosaic	Virus

U & V



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
Ua	Uromyces appendiculatus	Rust	Fungi
Um	Ustilago maydis	Common smut	Fungi
Va	Verticillium albo-atrum	Verticillium wilt	Fungi
Va:0 (US:1)	Verticillium albo-atrum [race 0]	Verticillium wilt	Fungi
Va:1 (EUR:0)	Verticillium albo-atrum [race 1]	Verticillium wilt	Fungi
Vd	Verticillium dahliae	Verticillium wilt	Fungi
Vd:0 (US:1)	Verticillium dahliae [race 0]	Verticillium wilt	Fungi
Vd:1 (EUR:0)	Verticillium dahliae [race 1]	Verticillium wilt	Fungi
VI	Verticillium longisporum	Verticillium wilt	Fungi

W, X & Z



Abbreviazione	Nome	Nome della malattia	Tipo di agente patogeno
WMV	Watermelon Mosaic Virus (ex WMV-II)	Watermelon mosaic	Virus
Xap	Xanthomonas axonopodis pv. phaseoli (ex Xanthomonas campestris pv. phaseoli)	Common or fuscous blight	Bacteria
Xcc	Xanthomonas campestris pv. campestris	Black rot	Bacteria
Xcv	Xanthomonas vesicatoria (ex Xanthomonas campestris pv. vesicatoria)	Bacterial spot	Bacteria
Xcv	Xanthomonas campestris pv. vitians	Bacterial spot	Bacteria
Xcv:1,2,3	Xanthomonas campestris pv. Vesicatoria [races 1,2,3]	Bacterial spot	Bacteria
Xcv:1,2,3,4	Xanthomonas campestris pv. Vesicatoria [races 1,2,3,4]	Bacterial spot	Bacteria
Xcv:1,2,3,4,5	Xanthomonas campestris pv. Vesicatoria [races 1,2,3,4,5]	Bacterial spot	Bacteria
Xcv:1,2,3,4,5,6,7,8,9,10	Xanthomonas campestris pv. Vesicatoria [races 1,2,3,4,5,6,7,8,9,10]	Bacterial spot	Bacteria
Xcv:1,2,3,5	Xanthomonas campestris pv. Vesicatoria [races 1,2,3,5]	Bacterial spot	Bacteria
Xcv:1,2,4,5	Xanthomonas campestris pv. Vesicatoria [races 1,2,4,5]	Bacterial spot	Bacteria
Xcv:6,10	Xanthomonas campestris pv. Vesicatoria [races 6,10]	Bacterial spot	Bacteria
Xhc	Xanthomonas hortorum pv. carotae (ex Xanthomonas campestris pv. carotae)	Leaf spots	Bacteria
ZYMV	Zucchini Yellow Mosaic Virus	Zucchini yellow	Virus

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