

PATHOGEN CODE TERMINOLOGY LIST

Brassicas

Scientific Name	Common Name	Code
VIRUSES		
<i>Cauliflower mosaic virus</i>	Cauliflower mosaic	CaMV
<i>Turnip mosaic virus</i>	Turnip mosaic	TuMV
BACTERIA		
<i>Pseudomonas syringae</i> pv. <i>maculicola</i>	Bacterial leaf spot, Peppery leaf spot	Psm
<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Black rot	Xcc
FUNGI		
<i>Albugo candida</i>	White rust	Ac
<i>Albugo macrospora</i> (now <i>Albugo candida</i>)	White rust	Am (now Ac)
<i>Alternaria brassicae</i>	Black spot	Abe
<i>Alternaria brassicicola</i>	Black spot	Aba
<i>Erysiphe cruciferarum</i>	Powdery mildew	Ec
<i>Fusarium oxysporum</i> f.sp. <i>conglutinans</i>	Fusarium yellows	Foc
<i>Fusarium oxysporum</i> f.sp. <i>rapae</i>	Fusarium yellows	Foa
<i>Hyaloperonospora brassicae</i> (ex <i>Peronospora</i> / <i>Hyaloperonospora parasitica</i> subsp. <i>brassicae</i> /2023	Downy mildew	Hb (ex Pp/ Hp)
<i>Mycosphaerella brassicicola</i>	Ring spot	Mb
<i>Leptosphaeria maculans</i> (anamorph: <i>Phoma lingam</i>)	Black leg	Lm
<i>Plasmodiophora brassicae</i>	Clubroot	Pb
<i>Verticillium albo-atrum</i>	Verticillium wilt	Va
<i>Verticillium dahliae</i>	Verticillium wilt	Vd
<i>Verticillium longisporum</i>	Verticillium wilt	VI
INSECTS		
<i>Brevicoryne brassicae</i>	Cabbage aphid	Bb
<i>Plutella xylostella</i>	Diamond back moth	Px

IMAGE: Kenso Seeds - Capsicum KSCP002 B4

Capsicum (*Capsicum annuum*)

Scientific Name	Common Name	Code
VIRUSES		
<i>Chili veinal mottle virus</i>	Chili veinal mottle	ChiVMV
<i>Cucumber mosaic virus</i>	Cucumber mosaic	CMV
<i>Paprika mild mottle virus</i>	Paprika mild mottle	PaMMV
<i>Pepper mild mottle virus</i>	Pepper mild mottle	PMMoV
<i>Pepper mottle virus</i>	Pepper mottle	PepMoV
<i>Pepper yellow mosaic virus</i>	Pepper yellow mosaic	PepYMV
<i>Potato virus Y</i>	Potato virus Y	PVY
<i>Tomato brown rugose fruit virus</i>	Tomato brown rugose fruit	ToBRFV
<i>Tobacco etch virus</i>	Tobacco etch	TEV
<i>Tobacco mild green mosaic virus</i>	Tobacco mild green mosaic	TMGMV
<i>Tobacco mosaic virus</i>	Tobacco mosaic	TMV
<i>Tomato mosaic virus</i>	Tomato mosaic virus	ToMV
<i>Tomato spotted wilt virus</i>	Tomato spotted wilt	TSWV
BACTERIA		
<i>Ralstonia solanacearum</i>	Bacterial wilt	Rs
<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> (now <i>Xanthomonas</i> spp)	Bacterial spot	Xcv (now X spp)
FUNGI		
<i>Colletotrichum acutatum</i>	Anthraxnose	Ca
<i>Colletotrichum capsici</i> (now <i>Colletotrichum truncatum</i>)	Anthraxnose	Cc (now Ct)
<i>Colletotrichum gloeosporioides</i>	Anthraxnose	Cg
<i>Fusarium oxysporum</i> f.sp. <i>capsici</i>	Fusarium wilt	Foc
<i>Leveillula taurica</i> (anamorph: <i>Oidiopsis sicula</i>)	Powdery mildew	Lt
<i>Phytophthora capsici</i>	Phytophthora blight	Pc
NEMATODES		
<i>Meloidogyne arenaria</i>	Root-knot	Ma
<i>Meloidogyne incognita</i>	Root-knot	Mi
<i>Meloidogyne javanica</i>	Root-knot	Mj

Carrot (*Daucus carota* var. *sativa*)

Scientific Name	Common Name	Code
BACTERIA		
<i>Xanthomonas hortorum</i> pv. <i>carotae</i>	Bacterial leaf blight	Xhc
FUNGI		
<i>Alternaria dauci</i>	Alternaria leaf blight	Ad

<i>Alternaria radicina</i>	Black rot	Ar
<i>Cercospora carotae</i>	Cercospora leaf blight	Cc
<i>Erysiphe heraclei</i>	Powdery mildew	Eh
<i>Pythium sulcatum</i>	Cavity spot	Ps
<i>Pythium ultimum</i> (now <i>Globisporangium ultimum</i>) /2026	Cavity spot	Pu (now Gu)
<i>Pythium violae</i> (now <i>Globisporangium violae</i>) / 2026	Cavity spot	Pv (now Gv)
INSECTS		
<i>Psila rosae</i>	Carrot fly	Pr
NEMATODES		
<i>Meloidogyne incognita</i>	Root-knot	Mi
<i>Meloidogyne javanica</i>	Root-knot	Mj
PHYTOPLASMAS		
<i>Aster yellows</i>	Aster yellows	Ay

Tomato (*Solanum lycopersicum*)

Scientific Name	Common Name	Code
VIRUSES		
<i>Beet curly top virus</i>	Curly top	BCTV
<i>Cucumber mosaic virus</i>	Cucumber mosaic virus	CMV
<i>Groundnut ringspot virus</i>	Groundnut ringspot virus	GRSV
<i>Pepino mosaic virus</i>	Pepino mosaic	PepMV
<i>Tobacco mosaic virus</i>	Tobacco mosaic virus	TMV
<i>Tomato apex necrosis virus</i> (now <i>Tomato marchitez virus</i>)	Tomato apex virus	ToANV (now ToMarV)
<i>Tomato brown rugose fruit virus</i>	Tomato brown rugose fruit	ToBRFV
<i>Tomato chlorotic spot virus</i>	Tomato chlorotic spot	TCSV
<i>Tomato mosaic virus</i>	Tomato Mosaic	ToMV
<i>Tomato torrado virus</i>	Tomato torrado	ToTV
<i>Tomato spotted wilt virus</i>	Tomato Spotted Wilt	TSWV
<i>Tomato yellow leaf curl virus</i>	Tomato yellow leaf curl	TYLCV
BACTERIA		
<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Bacterial canker	Cmm
<i>Pseudomonas corrugata</i>	Pith necrosis	Pc
<i>Pseudomonas syringae</i> pv. <i>tomato</i>	Bacterial speck	Pst
<i>Ralstonia solanacearum</i>	Bacterial wilt	Rs
<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> (now <i>Xanthomonas</i> spp)	Bacterial spot	Xcv (now X spp)

FUNGI

<i>Alternaria alternata</i> f.sp. <i>lycopersici</i>	Alternaria stem canker	Aal
<i>Alternaria solani</i>	Early blight	As
<i>Corynespora cassiicola</i>	Target spot	Ac
<i>Passalora fulva</i>	Leaf Mould	Pf
<i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i>	Fusarium wilt	Fol
<i>Fusarium oxysporum</i> f.sp. <i>radicis-lycopersici</i>	Fusarium crown and root rot	For
<i>Leveillula taurica</i> (anamorph: <i>Oidiopsis sicula</i>)	Powdery mildew	Lt
<i>Oidium neolycopersici</i> (now <i>Pseudoidium neolycopersici</i>)	Powdery mildew	On (now Pn)
<i>Phytophthora infestans</i>	Late blight	Pi
<i>Pyrenochaeta lycopersici</i> (now <i>Pseudopyrenochaeta lycopersici</i>)	Corky root rot	Pl
<i>Stemphylium botryosum</i> f.sp. <i>lycopersici</i>	Gray leaf spot	Sbl
<i>Stemphylium lycopersici</i>	Gray leaf spot	Sl
<i>Stemphylium solani</i>	Gray leaf spot	Ss
<i>Verticillium albo-atrum</i>	Verticillium wilt	Va
<i>Verticillium dahliae</i>	Verticillium wilt	Vd
NEMATODES		
<i>Meloidogyne arenaria</i>	Root-Knot	Ma
<i>Meloidogyne incognita</i>	Root-Knot	Mi
<i>Meloidogyne javanica</i>	Root-Knot	Mj

Sweet corn (*Zea mays*)

Scientific Name	Common Name	Code
VIRUSES		
<i>Maize dwarf mosaic virus</i>	Maize dwarf mosaic	MDMV
<i>Sugarcane mosaic virus</i>	Sugarcane Mosaic Virus	SCMV
BACTERIA		
<i>Pantoea stewartii</i> subsp. <i>stewartii</i>	Stewart's wilt	Pst
FUNGI		
<i>Bipolaris maydis</i>	Southern corn leaf blight	Bm
<i>Colletotrichum graminicola</i>	Anthrachnose leaf blight	Cg
<i>Exserohilum turcicum</i>	Northern leaf blight	Et
<i>Puccinia polysora</i>	Southern rust	Pp
<i>Puccinia sorghi</i>	Common rust	Ps
<i>Ustilago maydis</i>	Common smut	Um