Product Information

ELISA Tests for Pathogens of Vegetables

Abbr.	Pathogen (full name)	Main crops affected
Aac	*Acidovorax avenae* subsp. *citrulli*	watermelon, cucurbits
ACMV*	African cassava mosaic virus	cassava
BCMV	Bean common mosaic virus	bean
BCMNV	Bean common mosaic necrosis virus	bean
BGMV*	Bean golden moasic virus	bean
BNYVV	Beet necrotic yellow vein virus	beet, spinach
CaMV	Cauliflower mosaic virus	cabbage, cauliflower, broccoli, turnip, radish etc.
CMV	Cucumber mosaic virus	bean, celery, cucurbits, pepper, spinach, tomato, etc.
CGMMV	Cucumber green mottle mosaic virus	cucumis, cucumber, cucurbits
CYSDV	Cucurbit yellow stunting disorder virus	cucurbits
ErLV	Erysimum latent virus	various
GCLV***	Garlic common latent virus	garlic, leek, and other *Allium* spp.
ICMV	Indian cassava mosaic virus	cassava
LMV	Lettuce mosaic virus	lettuce, pea, spinach, etc.
LYSV***	Leek yellow stripe virus	leek, rarely in other *Allium* spp.
MiLBVV	Mirafiori lettuce big-vein virus	lettuce
OYDV***	Onion yellow dwarf virus	garlic, leek, onion, shallot, and other *Allium* spp.
PepMV	Pepino mosaic virus	tomato, potato (can be artificially infected)
PMMoV	Pepper mild mottle virus	pepper
Poty group	Potyvirus group	various
PRSV	Papaya ringspot virus (= watermelon mosaic virus 1)	cucumber, squash, watermelon, other cucurbits, papaya, etc.
PVX	Potato virus X	potato, tomato
PVY	Potato virus Y	pepper, potato, tomato
RaMV	Radish mosaic virus	cabbage, arugula
SLCV*	Squash leaf curl virus	bean, cucurbits
SMV	Soybean mosaic virus	soybean, field bean, bean, pea, lupine
SqMV	Squash mosaic virus	cucumber, squash, other cucurbits
TBSV	Tomato bushy stunt virus	tomato, pepper, artichokes
TCSV**	Tomato chlorotic spot virus	tomato
TMV	Tobacco mosaic virus	beet, pepper, cucurbits, bean, tomato
TNV	Tobacco necrosis virus	bean, cucurbits, tomato
ToANV	Tomato apex necrosis virus (= tomato marchitez virus)	tomato, tomatillo
ToBRFV	Tomato brown rugose fruit virus	tomato, pepper
ToMarV	Tomato marchitez virus	see ToANV
ToMV	Tomato mosaic virus	tobacco, tomato, etc.
ToMoV*	Tomato mottle virus	tomato, bean
ToRSV	Tomato ringspot virus	cucumber, rhubarb
Tospo	Tospovirus	tomato, pepper, peanut
TSV	Tobacco streak virus	bean, pea, pepper, tomato, etc.
TSWV	Tomato spotted wilt virus	bean, cucurbits, lettuce, spinach, tomato, etc.
TuMV	Turnip mosaic virus	brussels sprout, cabbage, cauliflower, turnip, etc.
TYLCV	Tomato yellow leaf curl virus	tomato, bean, squash
TYMV	Turnip yellow mosaic virus	turnip, cabbage, cauliflower, rape, mustard
Verticillium	*Verticillium* spp.	celery, potato, tomato
WMV 1	Watermelon mosaic virus 1	see PRSV
WMV 2	Watermelon mosaic virus 2	cucumber, pumpkin, squash, watermelon, etc.
ZYMV	Zucchini yellow mosaic virus	cucumber, watermelon, zucchini squash, etc.

* recognized by the TYLCV reagent / ** recognized by the TSWV reagent / *** recognized by the Allium reagent

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Adaptations from last version: Note added regarding Allium reagent.

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