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Aspects in tobamovirus management

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In the recent decade, a new outbreak of old and new tobamovirus occurred worldwide. The disease caused by the *Cucumber green mottle mosaic virus* (CGMMV) in cucurbits melon watermelon and cucumber reported in Israel, North-Europe, Canada, USA, Australia and the Far-east. Recently, the *tobamovirus Tomato mottle mosaic virus* (ToMMV) was discovered in tomato grown in Central America. In the Middle East; in Jordan and Israel, a new Tobamovirus isolate infects tomato plants harboring *Tm-2²* resistance genes putatively named tomato brown rugose

fruit virus (TBRFV). The epidemiology and strategies for the tobamoviruses management were studied and developed in our national initiative project for CGMMV coordinated by our lab. Growers in large-scale fields adopted the outcome of this extensive study. The experience with CGMMV management was rapidly applied also for the new tobamovirus disease management in tomatoes grown trellised in protected structures (greenhouses, walk-in tunnels etc.).

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