

BANANA SPECIES LIST

Name	Acronym	Classification	Symptom	Diagnostic method	Bioassay host range	Distribution		Mode of transmission
Banana bunchy top virus	BBTV	<i>Order: Nanoviridae</i> <i>Family: Nanoviridae</i> <i>Genus: Babuvirus</i>	Y	ELISA, (Thomas et al, 1995)PCR(Hafner et al., 1995; Xie and Hu, 1995)		Southeast Asia, the Philippines, Taiwan, most of the South Pacific islands, and parts of India and Africa	The most serious of the banana diseases	<i>Pentalonia nigronervosa</i> , <i>planting material</i>
Banana bract mosaic virus	BBrMV	<i>Potyviridae; Potyvirus</i>	Y	ELISA, PCR (Thomas et al ., 1997)		Philippines, India, Sri Lanka (Jones 2000)	Uncertain	<i>Aphis gossypii</i> , <i>Rhopalosiphon maidis</i> , <i>Pentalonia nigronervosa</i>
Cucumber mosaic virus, Banana mosaic	CMV	<i>Bromoviridae;</i> <i>Cucumovirus</i>	Y?	ELISA (Hasse et al, 1989; Diekmann and Putter, 1996); PCR (Hu et al., 1995; Singh et al., 1995)	Tobacco, squash, cowpea (Francki et al, 1979)	Worldwide	Mild to moderate	Aphids
Banana streak virus	BSV	<i>Caulimoviridae,</i> <i>Badnavirus</i>	Y	ELISA* (Ndowora, 1998); Immunosorbent electron microscopy (ISEM) (Bouhida et al., 1993; IC-PCR* (Thottappilly et al., 1997)		Worldwide	Severe	Mealy bugs (<i>Planococcus citri</i> , <i>Pseudococcus</i> sp)
Banana mild mosaic virus	BanMMV	<i>Betaflexiviridae;</i> Unassigned	Y/N	ELISA, PCR (see Jones, 2000)		Worldwide	Unknown	Vegetative (most common contaminant of international germplasm collections)
Banana dieback	BDBV		Y		<i>N. clevelandii</i> , <i>N. occidentalis</i> , <i>Vigna unguiculata</i> cv.	Nigeria, possibly Ghana and Cameroon	Unknown	Unknown mode of natural transmission; mechanical transmission possible.
Abaca mosaic virus	AbaMV	<i>Potyviridae; Potyvirus</i>	Y	ELISA(see Jones, 2000); PCR		Phillipines, Australasia	Infection can result in heavy losses	Aphids, mechanical
Enset streak virus		Possibly <i>Caulimoviridae,</i> <i>Badnavirus</i> (Tessera et al., 1996)	Y			Ethiopia		Vegetative; vector not yet identified