

### Best practices: Health diagnosis in forage grass genebanks

Plant species	Virus							Fungi				Phytoplasma		Insects and others		
	BYDV	EMV	JGMV	MDM V	MSV			Smut								
<b>Tropical grasses</b>																
<i>Bothriochloa pertusa</i>																
<i>Brachiaria decumbens</i>			√													
<i>Cenchrus ciliaris</i>			√					√								
<i>Chloris gayana</i>				√	√											
<i>Cynodon dactylon</i>				√				√								
<i>Melinis minutiflora</i>																
<i>Panicum coloratum</i>					√											
<i>Panicum maximum</i>				√	√											
<i>Paspalum dilatatum</i>	√			√												
<i>Paspalum plicatulum</i>																
<i>Pennisetum clandestinum</i>					√			√								
<i>Pennisetum purpureum</i>		√	√		√			√				Stunt disease	NASH PCR	Spider mites Scale insects	VME	
<i>Setaria sphacelata</i>					√											
<i>Sorghum almum</i>			√													
<i>Urochloa mosambicensis</i>																

### Acronyms

ELISA – Enzyme-linked immunosorbant assay

NASH – Nucleic acid hybridization

PCR – Polymerase chain reaction

VME – Visual and microscopic examination of infected leaves or seeds

BYDV – Barley Yellow Dwarf Virus

JGMV – Johnson Grass Mosaic Virus

EMV – Elephant Grass Mosaic Virus

MDMV – Maize Dwarf Mosaic Virus

MSV – Maize Streak Virus