More than 15 viruses belonging to five different genera, namely, Potyvirus, Macluravirus, Badnavirus, Cucumovirus, and Potexvirus, are known to infect yams. However, Yam mosaic virus (YMV) and Dioscorea alata virus (DAV) potyviruses are widely prevalent on yams. Like many other vegetatively propagated crops, yam diseases are also perpetuated and spread mainly through infected planting materials. Use of resistant varieties, disease-free healthy planting materials, and strict phytosanitary measures are advocated for management of yam diseases.