



Fig. 1. Genome organization of rice dwarf virus.

low titer of the virus. A homogeneous virus culture can be obtained by serial transfers from one plant to another by an insect vector. Therefore, one sub-heading is devoted to virus isolation and propagation.

The methods of genomic RNA extraction are described only for those from infected plants, not from purified virions. Since dsRNAs are rare components of a virus-free plant, genomic RNAs of plant reoviruses can be purified directly from infected plants relatively free from other nucleic acid components of plant origin; and they are pure enough to use for a polymerase chain reaction coupled