

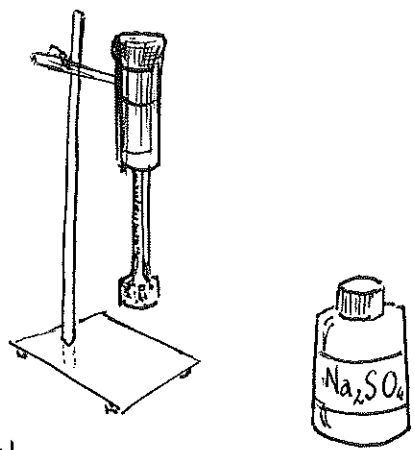
DETECTION OF COCONUT CADANG-CADANG VIROID

Coconut trees affected by CCCVd



① Cut the leaves located four or more below the spare leaf

② Homogenization



③ Centrifugation (I)
(10,000g during 10 minutes)

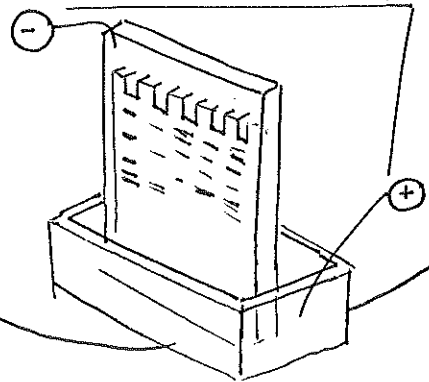
④ + PEG (polyethylene glycol) + 2 hours of incubation (4°C)

⑤ Centrifugation (II)
(Low speed)

⑥ Isolation of the nucleic acids

ELECTROPHORESIS

(Electrodes)



DOT BLOT MOLECULAR HYBRIDIZATION

- Sample amplified by PCR
- Complementary DNA/RNA chain that is radioactively-labelled

Dark colour that indicates the presence of CCCVd

