

OBSERVATIONS ON SOME SIMPLE SPORE TRAPS

Ranjith Mahindapala

(Coconut Research Institute, Lunuwila)

Trapping of urediniospores of *Puccinia sorghi* Schw., the causal agent of maize rust, was done using sticky slides, vertical cylindrical rods and rotorod samplers.

The number of spores trapped by these traps had an artificial directional relationship with the source inoculum. The efficiency of these traps, except the rotorod sampler, was dependent on wind speed.

Cylindrical rods were found to be the most efficient traps, and the number of spores trapped gave a direct indication of disease development in maize seedlings.