

EPIDEMIOLOGICAL STUDIES ON MUNGBEAN YELLOW  
MOSAIC DISEASE IN SRI LANKA

K.W.Jayasena, Regional Research Station,  
Angunukolapelessa and  
R. Rajapakse, Faculty of Agriculture,  
University of Ruhuna, Mapalana.

Trap plants exposed to field condition at 4-weekly intervals from June 1984 to March 1985 showed that mungbean yellow mosaic disease (MYMB) spread much less between early June to late October than between November to May. Spread corresponded closely with fluctuations in the activity of the whitefly vector Bemisia tabaci as assessed by water traps. Most of the whiteflies were trapped when mean weekly temperatures ranged between 29 °C and 31 °C when total weekly rainfall was below 10 mm.