

WHY FISH YIELD IS HIGH IN PIMBURETTEWA

E.I.L. Silva

Chlorophyll-a biomass and fish yield of five manmade lakes were investigated for a period of one year within the Polonnaruwa irrigation district. A highly significant correlation was found between Ch-a biomass and the yield of *S. mossambicus*. Pimburettewa lake has the highest fish yield and Giritale lake has the lowest. Colonization success of *S. mossambicus* in manmade lakes is discussed in relation to its feeding habits and physical features of those water bodies.