

# Single-Plant Starvation and Paired-Plant Starvation Test of Adult

## *Neochetina eichhorniae* Warner

By

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### ABSTRACT

Single-plant starvation and paired-plant starvation tests were performed on adult *Neochetina eichhorniae* to determine the feeding specificity of the insect on the following plants viz: *Eichhornia crassipes*, *Pistia stratiotes*, *Hymphaea lotus*, *Ceratopteris*, *Azolla species*, *Colocasia esculentus*, *Vigna sinensis*, *Talium triangulare*, *Capsicum annum* and *Lycopersicon esculentus*. The feeding spots of *N. eichhorniae* on the different Plants were assessed and counted using a hand-counter. *N. eichhorniae* adults fed on *E. crassipes*, confirming the feeding specificity of the *N. eichhorniae* to *E. crassipes* and the safety of other plants growing in the eco-system.