Physiological Costs of Reproduction in the Bean Beetle

Emily Boone

Biology Department, University of Richmond, 28 Westhampton Way, Richmond VA 23173 USA
(eboone@richmond.edu)

So you have been to the ABLE bean beetle workshops, carefully smuggled your beetles through airport security, performed the experiments...now what? You design your own bean beetle lab of course. This simple experiment was designed for an introductory physiology class to examine the costs of reproduction in bean beetles. Students design and conduct experiments to evaluate the overall fitness costs that beetles experience as a result of mating and egg laying.