



Photo: Iowa State University

Host plant resistance to the soybean aphid

Soybean aphid continues to be an economically important pest in the North Central region. During outbreaks, if aphid populations are left untreated, their populations can easily exceed several thousand per plant. Once the economic threshold is achieved, soybean producers rely on timely insecticide applications to prevent yield loss. However, a new tool called host plant resistance may reduce the number of insecticide applications needed to manage soybean aphids, increasing profits for producers.

This fact sheet will address how host plant resistance affects the soybean aphid, and summarizes field performance data collected from Iowa.