The fall armyworm, *Spodoptera frugiperda* (J. E. Smith), is quite polyphagous, but prefers to feed on grasses. It is a major pest of sweet corn, and also damages various field crops and turfgrasses. It has been a problem mainly in the southeastern US, but in 2016 it was found in Africa where it quickly became a major crop pest. Inset: Adult female of the fall armyworm. Photo credit: Lyle Buss, University of Florida, Gainesville, Florida, USA.