CHAPTER OVERVIEW

12: The Biosphere and the Role of Green Chemistry in Feeding a Hungry World

“From the 1990s, genetically engineered crops resistant to glyphosate herbicide that can be sprayed directly for weed control resulted in a revolution in the production of corn, soybeans, and cotton. Unfortunately, weeds are now emerging that are resistant to glyphosate. Pigweed has been an especially bad actor that can grow 7 or 8 centimeters in a day, reach heights of 2 meters, and with stalks so thick and strong that they can damage harvesting machinery.”