This specially compiled, one-of-a-kind volume contains exemplary contributions from Wolf Prize laureates in agriculture. There is no higher prize than the Wolf Prize. Thus, the reader has the opportunity to learn from the very top in various aspects of this field. Indeed, the book includes a list of publications and the most important papers in plant and animal breeding, genetics, biochemistry and plant protection, biotechnology, as well as chemistry and the physics of soils. In this volume one can learn about the developments in particular fields in agriculture at the highest level through the scientific activities of its world-class contributors.