



Low-Cost Methods for Molecular Characterization of Mutant Plants

By Bradley J. Till

Springer-Verlag Gmbh Jun 2015, 2015. Buch. Book Condition: Neu. 242x155x15 mm. Neuware - This book offers low-cost and rapid molecular assays for the characterization of mutant plant germplasm. Detailed protocols are provided for the desiccation of plant tissues; the extraction of high-quality DNA for downstream applications; the extraction of single-strand-specific nucleases for single nucleotide polymorphism; and small insertion/deletion discovery using standard agarose gel electrophoresis. The methods described can be applied in any laboratory equipped for basic molecular biology and do away with the need for expensive freezers and toxic organic compounds. With the appropriate validation of sample quality and longevity, they can provide sufficient DNA for a variety of molecular applications, such as marker studies and TILLING, at approximately one tenth of the cost per sample when compared to commercial kits. 35 pp. Englisch.



READ ONLINE
[3.88 MB]

Reviews

Thorough information! Its this type of great go through. It is amongst the most incredible publication i actually have read through. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Germaine Welch**

A very awesome pdf with perfect and lucid information. This is certainly for those who statte there had not been a worthy of looking at. Your daily life span will probably be convert as soon as you full looking at this book.

-- **Dr. Marie Ebert**