

Advanced Statistical Methods for Estimating Genetic Variances in Plants

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I. INTRODUCTION

The main duty of plant breeders is to select the “best” plants to breed. Although the criterion of “best” depends on what the breeders want to improve, it always means the best “genetic quality,” not necessarily the “best” phenotypic value. The selected plants should carry the “best” set of genes that can produce progeny with the best (phenotypic) performance

*I thank Drs. Rex Bernardo, James Holland, Jules Janick, William Muir, and Wyman Nyquist for their comments on the manuscript. This research was supported by the National Institutes of Health Grant 5 R01 GM55321 and the U.S. Department of Agriculture National Research Initiative Competitive Grant Programs 00-35300-9245.

Plant Breeding Reviews, Volume 22, Edited by Jules Janick
ISBN 0-471-21541-4 © 2003 John Wiley & Sons, Inc.