



Study of Genetic Diversity in Potato (Solanum tuberosum L.)

By Nasiruddin, M. / Monzur Hossain, M.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | This investigation was carried out to study the genetic diversity of 31 potato genotypes using biometrical methods for 3 consecutive years. Statistical procedure of DMRT and analysis of variance, variability, correlation, path coefficient and genetic diversity were studied. The DMRT and analysis of variance study reveals that 31 genotypes, year and interaction (G×Y) item were well differentiated. Lower value of environmental variance than genotypic and phenotypic variance and high GCV as well as PCV percentage was observed for most of the characters in the genetic parameter study suggest that the greater variability among the varieties was due to genetic causes. Correlation coefficient and path co-efficient analysis suggest that significant positive relationship of tuber weight (yield)/plant with most of the characters both at genotypic and phenotypic levels In order to find out the extent of genetic diversity among the 31 potato genotypes principal component analysis (PCA), cluster analysis, principal coordinate analysis (PCO), cluster diagram and cluster mean were performed. | Format: Paperback | Language/Sprache: english | 68 pp.



READ ONLINE
[8.26 MB]

Reviews

This book could be worthy of a read through, and a lot better than other. It can be full of knowledge and wisdom I am just happy to tell you that here is the best book we have read through inside my personal lifestyle and could be he finest pdf for ever.

-- **Miss Concepcion Gusikowski DDS**

These types of publication is the best book available. it absolutely was writtern very completely and helpful. I am very happy to explain how here is the greatest book we have study within my individual existence and can be he greatest publication for possibly.

-- **Lucas Brown**