

مصادر الكتاب

حسن، أحمد عبدالمعزم (٢٠٠٥) طرق تربية النبات الدار العربية للنشر والتوزيع - القاهرة - ٣٩٣ صفحة

Agrawal, R. L. 1998. Fundamentals of plant breeding and hybrid seed production. Science Pub., Inc., Enfield, New Hampshire, USA. 394 p.

Allard, R. W. 1964. Principles of plant breeding. Wiley, N. Y. 485 p.

Allard, R. W. and A. D. Bradshaw. 1964. Implications of genetic-environmental interactions in applied plant breeding. Crop Sci. 4: 503-508.

Anderson, E. 1957. A semigraphic method for the analysis of complex problems. Proc. National Aca. Sci., Wash., D. C. 43: 923-927.

Bencpal, P. S. and C. V. Hall. 1967. The genetic basis of varietal resistance of *Cucurbita pepo* L. to squash bug *Anasa tristis* DeGeer. Proc. Amer. Soc. Hort. Sci. 90: 301-303.

Bos, I. and P. Caligari. 1995. Selection methods in plant breeding. Chapman & Hall, London. 347 p.

Bradshaw, J. E. 1994. Quantitative genetics theory for tetrasomic inheritance, pp. 71-99. In: J. E. Bradshaw and G. R. Mackay. (eds.). Potato genetics. CAB International, Wallingford, UK.

Brewbaker, J. L. 1964. Agricultural genetics. Prentice-Hall, Inc., Englewood Cliffs, N. Y. 156 p.

Burns, G. W. 1983. The Science of genetics: an introduction to heredity. (5th ed.). Macmillan Pub. Co., Inc., N. Y. 515 p.

Burton, G. W. 1951. Quantitative inheritance in pearl millet, *Pennisetum glaucum*. Agron. J. 43: 409-417.

Castle, W. E. and S. Wright. 1921. An improved method of estimating the number of genetic factors in cases of blending inheritance. Science 54: 223.

Chahal, G. S. and S. S. Gosal. 2002. Principles and procedures of plant breeding. Alpha Science International Ltd., Pangbourne, UK. 604 p.

- Christie, B. R. and V. I. Shattuck. 1992. The diallel cross: design, analysis, and use for plant breeders. *Plant Breed. Rev.* 9: 9-36.
- Comstock, R. E. and H. F. Robinson. 1948. The components of genetic variance in populations of hiparental progenies and their use in estimating average degree of dominance. *Biometrics* 4: 254-266.
- Comstock, R. E. and H. F. Robinson. 1952. Estimation of average dominance of genes, pp. 494-516. In: *Heterosis*. Iowa State College Press, Ames, Iowa.
- Dewey, O. R. and K. H. Lu. 1959. A correlation and path coefficient analysis of components of crested wheatgrass seed production. *J. Agron.* 57: 515-518.
- Dudley, J. W. 1997. Quantitative genetics and plant breeding. *Adv. Agron.* 59: 1-23.
- Edwards, A. W. F. 1977. *Fundamentals of mathematical genetics*. Cambridge Univ. Pr., Cambridge. 119 p.
- Engel, J. M. M., V. R. Rao, A. H. D. Brown, and M. T. Jackson. (eds.). 2002. *Managing plant genetic diversity*. CABI Publishing, CAB International, Wallingford, UK. 487 p.
- Falconer, D. S. 1981. *Introduction to quantitative genetics*. (2nd ed.). Longman, N. Y. 340 p.
- Fehr, W. R. 1987. *Principles of cultivar development: vol. 1. Theory and technique*. Macmillan Pub. Co., N. Y. 536 p.
- Frey, K. J. and T. Horner. 1957. Heritability in standard units. *Agron. J.* 49: 59-62.
- Gamble, E. F. 1962. Gene effects in corn (*Zea mays* L.) I. Separation and relative importance of gene effects for yield. *Canad. J. Plant Sci.* 42: 339-348.
- Griffing, B. 1956. Concept of general and specific combining ability in relation to diallel crossing systems. *Aust. J. Biol. Sci.* 9: 465-493.
- Hanson, W. D. and H. W. Johnson. 1957. Method of calculating and evaluating a general selection index obtained by pooling information from two or more experiments. *Genetics* 42: 421-432.

- Hanson, W. D. and H. F. Robinson. (ed.). 1963. Statistical genetics and plant breeding. Nat. Acad. Sci., Wash., D. C. 623 p.
- Hassan, A. A., D. H. Wallace, and R. E. Wilkinson. 1971. Genetics and heritability of resistance to *Fusarium solani* f. *phaseoli* in beans. J. Amer. Soc. Hort. Sci. 96: 623-627.
- Hayman, B. I. 1954a. The theory and analysis of diallel crosses. Genetics 39: 789-809.
- Hayman, B. I. 1954b. The analysis of variance of diallel tables. Biometrics 10: 235-244.
- Hayman, B. I. 1957. Interaction, heterosis and diallel crosses. Genetics 42: 336-355.
- Hayman, B. I. 1958. The separation of epistatic from additive and dominance variation in generation means. Heredity 12: 371-390.
- Jinks, J. L. 1954. The analysis of continuous variation in a diallel cross of *Nicotiana rustica*. Genetics 39: 767-788.
- Jinks, J. L. 1956. The F_2 and backcross generations from a set of diallel crosses. Heredity 10: 1-30.
- Jinks, J. L. and R. M. Jones. 1958. Estimation of the components of heterosis. Genetics 43: 223-234.
- Kearsey, M. J. and J. L. Jinks. 1968. A general method of detecting additive, dominance and epistatic variation for metrical traits. I. Theory. Heredity 23: 403-407.
- Kempthorne, O. 1957. An introduction to genetic statistics. John Wiley and Sons, Inc., N. Y.
- Kempthorne, O. and R. N. Curnow. 1961. Partial diallel cross. Biometrics 17: 229-250.
- Kempthorne, O. and A. W. Nordskog. 1959. Restricted selection indices. Biometrics 15: 10-19.
- Kwon, S. H. and J. H. Torrie. 1964. Heritability and interrelationships among traits of two soybean populations. Crop Sci. 4: 196-198.
- Li, C. C. 1955. Population genetics. The University of Chicago Pr., Chicago. 366 p.

- Finch, M. and B. Walsh. 1998. Genetics and analysis of quantitative traits. Sinauer Associates, Inc. Publishers, Sunderland, Massachusetts. 980 p.
- Mahalanobis, P. C. 1928. A statistical study at Chinese head measurement. J. Asiatic Soc. Bengal 25: 301-377.
- Mather, K. 1949. Biometrical genetics. Dover Pub. Inc., London. 158 p.
- Mather, K. and J. L. Jinks. 1977. Introduction to biometrical genetics Chapman and Hall, London. 231 p.
- Pochlman, J. M. and D. A. Sleper. 1995. Breeding field crops. (4th ed.). Iowa State Univ. Pr., Ames. 494 p.
- Powers, L. and C. B. Lyon. 1941. Inheritance studies on duration of developmental stages in crosses within the genus *Lycopersicon*. J. Agric. Res. 63: 129-148.
- Powers, L., F. Locke, and J. C. Garrett. 1950. Partitioning method of genetic analysis applied to quantitative characters of tomato cross. U. S. Dept. Agric. Tech. Bul. 998.
- Rao, C. R. 1952. Advanced statistical methods in biometrical research. Wiley and Sons, N. Y.
- Rawlings, J. O. and C. C. Cokerham. 1962a. Triallel analysis. Crop Sci. 2: 228-231.
- Rawlings, J. O. and C. C. Cokerham. 1962b. Analysis of a double cross hybrid populations. Biometrics 18: 229-244.
- Rhodes, D., G. C. Ju, W. J. Yang, and Y. Samaras. 1992. Plant metabolism and heterosis. Plant Breeding Reviews 10: 53-91.
- Sheppard, R. A. 1973. Practical genetics. Blackwell Scientific Publications, Oxford. 337 p.
- Simmonds, N. W. and J. Smartt. 1999. Principles of crop improvement. Blackwell Science Ltd, London, UK. 412 p.
- Singh, B. D. 1993. Plant Breeding. (6th ed.). Kalyani Pub., Ludhiana, India. 896 p.
- Singh, R. K. and B. D. Chaudhary. 1979. Biometrical methods in quantitative genetic analysis. Kalyani Pub., New Delhi. 304 p.

- Singh, P. and S. S. Narayanan. 1993. Biometrical techniques in plant breeding. Kalyani Publishers, Ludhiana, India. 249 p.
- Smith, H. F. 1936. A discriminant function for plant selection. *Ann. Eugenics* 7: 240-250.
- Snedecor, G. W. 1956. Statistical methods. The Iowa State College Pr., Ames, Iowa. 534 p.
- Snedecor, G. W. and W. G. Cochran. 1967. Statistical methods. (6th ed.). Oxford & IBH Pub. Co., New Delhi. 593 p.
- Sprague, G. F. 1966. Quantitative genetics in plant improvement, pp. 315-354. In: K. G. Frey. (ed.). Plant breeding. Iowa State Univ. Pr., Ames, Iowa.
- Sprague, G. F. 1967. Plant breeding. *Ann. Rev. Genet.* 1: 269-294.
- Steel, R. G. D. and J. H. Torrie. 1960. Principles and procedures of statistics. McGraw, N. Y. 481 p.
- Wricke, G. and W. E. Weber. 1986. Quantitative genetics and selection in plant breeding. Walter de Gruyter, Berlin. 406 p.
- Wright, J. N. 1921. Correlation and causation. *J. Agric. Res.* 20: 257-287.
- Wright, S. 1935. The analysis of variance and the correlations between relatives with respect to deviations from an optimum. *J. Genet.* 30: 243-256.
- Yan, W. and L. A. Hunt. 1998. Genotype by environment interaction and crop yield. *Plant Breed. Rev.* 16: 135-178.