

## V. RECENT MAIZE PUBLICATIONS

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  - Bauman, L. F. Germ and endosperm variability—mineral elements, oil content and modifier genes in opaque-2 maize. Pp. 217-227.
  - Brandolini, A. Research on high quality protein maize in southern Europe. Pp. 443-449.
  - Bressani, R. Improving maize diets with amino acid and protein supplements. Pp. 38-57.
  - Brown, W. L. Worldwide seed industry experience with opaque-2 maize. Pp. 256-264.
  - Davila, C. C. Production, productivity and the use of opaque maize in Colombia. Pp. 265-267.
  - Dudley, J. W., D. E. Alexander and R. J. Lambert. Genetic improvement of modified protein maize. Pp. 120-135.
  - Glover, D. V., P. L. Crane, P. S. Misra and E. T. Mertz. Genetics of endosperm mutants in maize as related to protein quality and quantity. Pp. 228-240.
  - Johnson, E. C. Breeding systems for rapid development of quality protein varieties. Pp. 139-153.
  - Kovács, I. Heterosis observed in opaque-2 hybrids for yield and yield components. Pp. 470-474.
  - Misra, P. S., E. T. Mertz and D. V. Glover. Characteristics of proteins in single and double endosperm mutants of maize. Pp. 291-305.
  - Munck, L., K. E. Karlsson, A. Tallberg, P. Knutsson, D. Eaker and B. Eggum. Comparison of high lysine genes and mutants in barley and maize. Pp. 418-431.
  - Nelson, O. E. Breeding for protein quality in maize—current issues and problems. Pp. 193-196.
  - Pradilla, A. G., D. D. Harpstead, D. Sarria, F. A. Linares and C. A. Francis. Quality protein maize in human nutrition. Pp. 27-37.
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## (CIMMYT-Purdue Symposium, continued)

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- Scheuch, F., and C. A. Francis. Selection systems for increasing protein quality with opaque-2 gene in floury maize. Pp. 102-119.
- Secundino de Sao, Jose A. Production and acceptance of opaque-2 maize in Brazil. Pp. 268-273.
- Singh, J., and V. L. Asnani. Present status and future prospects of breeding for better protein quality in maize through opaque-2. Pp. 86-101.
- Sperling, D. Agronomic aspects of producing quality protein maize. Pp. 154-165.
- Zuber, M. S., and J. L. Helm. Approaches to improving protein quality in maize without the use of specific mutants. Pp. 241-252.
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Beckett, J. B. B-A translocations in maize.  
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- Coe, E. H., Jr. The genetic control of anthocyanin pigmentation.
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- Doyle, G. G. The primary trisomes of Zea mays.
- Gabay, S. J., and J. R. Laughnan. Pollen method for determination of chromosomal integration sites of the cms-S restorer episome in maize.
- Gonella, J., and P. A. Peterson. The F-cu 2-unit controlling element system.
- Green, C. E., R. L. Phillips and B. G. Gengenbach. Selection system for lysine, threonine, and methionine mutants in maize.
- Greyson, R. I., and D. B. Walden. Phyllotaxy—A factor in corn productivity?
- Harlan, J. R., and J. M. J. deWet. Maize in art and culture.
- Harlan, J. R., and J. M. J. deWet. Morphology of maize x Tripsacum derivatives.
- Harrison, M. N. Maize improvement in Africa.
- Hayden, D. B., W. G. Hopkins and B. C. Saurino. Membrane polypeptides and chlorophyll-protein complexes of maize mesophyll chloroplasts.
- Hopkins, W. G., D. B. Hayden and D. B. Walden. Analysis of greening in virescent mutants of maize by in vivo spectrophotometry.
- Leininger, L. N., and H. B. Peterson. A strategy for corn production technology transfer.
- Leto, K., and C. D. Miles. Selection and characterization of photosynthetic mutants in Zea mays.
- Lin, B-Y. A differential effect on kernel size of maternal and paternal forms of a chromosome region.
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- Misović, M., S. Ratkovic, M. Mihajlović, S. Kapor, V. Trifunović and J. Dumanovic. Variability of content and fatty acid composition of oil in maize and breeding potential.
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- Singh, B. N., and J. Singh. Estimation of genetic advance at various plant densities in an opaque-2 maize composite.
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- Ward, E. J. The maize B chromosome.
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- Zuber, M. S., and T. Colbert. Stalk quality improvement of maize.

(International Maize Symposium, finis)

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