

Biographical Sketch

Mazo Price

**1890 Research Director/Administrator 1890 Extension Program
(1989-1995)**

(Deceased)

Born in Clarksdale, Mississippi, and grew up and graduated from Dumas (Lincoln County), Arkansas.

EDUCATIONAL BACKGROUND:

1976 University of Arkansas, Fayetteville, Arkansas; Ph.D. in Plant Breeding and Genetics; Minor in Plant Pathology/Agronomy.

1972 University of Guelph; Guelph, Ontario, Canada; Research Scientist: Studied Induced Mutations and Chromosomal; Abbrations in *Hordeum vulgare* caused by systemic fungicides.

1971 University of Florida, Gainesville, Florida; M. S. in Plant Breeding and Genetics; Minor in Plant Pathology and Statistics.

1969 Oak Ridge National Laboratories, Oak Ridge, Tennessee; Awarded certificate for completion of training in Radio-isotope.

1970 Arkansas A. M. and N. College (Now University of Arkansas), Pine Bluff, Arkansas; B. S. in Agronomy and Chemistry.

1967 Soil Conservation Service, Lincoln, Nebraska; Certificate for completing Basic Lettering Course.

EMPLOYMENT HISTORY

07/1989-10/1995, Dean and Director/Professor, School of Agriculture and Home Economics, (Director 1890 Research and Administrator 1890 Extension Programs), and Professor, Department of Agriculture, University of Arkansas at Arkansas at Pine Bluff; Pine Bluff, Arkansas.

03/90 - 05-90 Design Team Leader, Zaire RAV II Project, USAID/Kinshasa. SECID/Southern University.

12/87 - 06/89 -- Chairman/Associate Professor, Breeder/Geneticist, Department of Agriculture, University of Arkansas at Pine Bluff; Pine Bluff, Arkansas

05/87 - 11/87 -- Director, Farmers Home Administration/University of Arkansas at Pine Bluff Small Farm Project, Department of Agriculture, University of Arkansas at Pine Bluff, Pine Bluff, Arkansas

09/86 - 04/87 -- Farm Program Specialist, U. S. Department of Agriculture, Farmers Home Administration, Little Rock, Arkansas

02/83 - 07/86 Project Leader **and Breeder/Agronomist**, Farming System Research Project (Developing drought tolerant varieties and technologies for dry environments of Rwanda), World Bank/ISAR/IITA, Karama, Rwanda

10/80 - 10/82 — Acting Project Coordinator, United States Agency for International Development/International Institute of Tropical Agriculture (USAID/IITA), Dar-es-Salaam/Ilonga, Tanzania; Tanzania Agricultural Research Project

1979 - 1982 -- **Coordinator** and Breeder Agronomist, Ilonga Agricultural Research Institute, Kilosa, Tanzania National Grain Legume Program (Employment was with the International Institute of Tropical Agriculture (IITA))

1976 - 1978 -- Chairman and CSRS Program Coordinator, Plant and Soil Science Department, SouthOrri University, Baton Rouge, Louisiana (Instructed the following courses: Weed Sciences, Forage Crops, Plant Pathology and Plant Breeding).

1973 - 1974 . -- Graduate **Assistant**, University of Arkansas, Fayetteville, Arkansas (Determined changes in parasitism in races of Heterodera glycines after treatment with either EMS or gamma irradiation.

1972 -- Research Assistant, University of Guelph; Guelph, Ontario, Canada (Determined chromosome damage and mutation frequency caused by three systemic fungicides in somatic and reproduction cells of Hordeum vulgate)

1971 Genetics Laboratory Assistant, University of Florida, Gainesville, Florida

1967— Soil Scientist Trainee, U. S. Department of Agriculture, Soil Conservation Service, Lincoln, Nebraska (Assisted the Soil Scientist in mapping the soils of Nebraska)

1966 — Student Worker, Department of Agriculture, Arkansas A. M. and N. College (now UAPB), Pine Bluff, Arkansas (Worked on soil fertility problems of soybean. Mostly did lab work — separated compounds and chemical analysis of plants and soil)

STATE, REGIONAL, AND NATIONAL BOARD APPOINTMENTS

(November 5, 1991) State of Arkansas - "Alternative Fuels Advisory Committee" (Appointed by Arkansas' Governor Bill Clinton - Major responsibility includes: Determining and recommending to Arkansas' alternative Fuels Commission the most non-polluting and environmental sound renewable and nonrenewable alternative fuels to use; and to make recommendations concerning the utilization of alternative fuels so that the state's dependency on imported fuel is decreased.

Mazo Price
Page 3

(Sept. 28, 1992) Regional - "Center for Advanced Water Technology and Energy Systems (CAWTES)". "A non-profit entity established to provide training and information to rural and small scale farmers (both domestic and foreign), and foreign rural water suppliers on U. S. Solar and Wind, Water, Technologies.

(March 10, 1992) Southern Regional - "Southern Regional Aquaculture Center -- Board of Directors" (Appointed by the Chairman of the Association of Research Directors (ARD)) *Responsible for overall administration and management of the Regional center programs; •Establish overall regional aquacultural research, development and extension goals and allocate fiscal resources to ensure that the Center develops strong programs both in research and in extension.

(November 5, 1990-March 1992) National - "National Plant Genetic Resources Board" (Past Member) (Appointed by U. S. Secretary of Agriculture Clayton Yeutter) 'Responsibility was to advise the United States Department of Agriculture (USDA) and the National Association of State Universities and Land-Grant Colleges on policy related to the problems, needs, and welfare of the Nation's plant genetic resources activities as they affect the food production system.

PROFESSIONAL AND SCIENTIFIC SOCIETIES:

Sigma Xi
Gamma Sigma Delta
Agronomy Society of America
Crop Science Society of America
Alpha Kappa Mu Honor Society
The American Phytopathological Society
The Arkansas Academy of Science

HONORS AND A WARDS:

Winthrop Rockefeller Scholarship
Rockefeller Fellowship
D. J. Albritton Award
Howard L. Thurman Scholarship
Cooperative Agreement No. 12-14-7001-36, USDA (Grant)
President of Senior Class, Arkansas A. M. and N. College (now UAPB)

PUBLICATIONS:

Jalaluddin, Md., M. Price, and R. H. Dilday. 1993. Responses of rice yield components to water stress. *Agronomy Abs.* p. 115, American Society of Agronomy, Madison, WI.

Jalaluddin, Md., M. Price, and R. H. Dilday. 1992. Drought tolerance and water use efficiency in rice. *Proceeding International Conference on Supplementary Irrigation and Drought Water Management*, p. S5-8.1-88. Instituto Agronomico Mediterraneo, Bari, Italy: September 27-October 2, 1992.

Jalaluddin, Md., M. Price, and R. H. Dilday. 1992. Cultivar differences in drought tolerance and water use efficiency in rice. *Association of 1890 Research Directors Biennial Research Symposium Abs.* p. 68, Atlanta, Georgia: October 4-7, 1992.

Jalaluddin, Md., M. Price, and R. H. Dilday. 1992. Rice cultivar differences in water use efficiency. *Proc. 24th Rice Technical Working Group Meeting*, p. 55-56 February 23-26, 1992.

Jalaluddin, Md., M. Price, and R. H. Dilday. 1991. Cultivar differences in water use efficiency in rice. *Amer. Soc. Agron. Abs.* p. 99, Madison, WI.

Price, M., Md. Jalaluddin, and R. H. Dilday. 1991. Performance of rice cultivars under limited water supply conditions. *Southern Branch Amer. Soc. Agron. Abs.* (18):14, Madison WI.

Price, M., Md. Jalaluddin, and R. H. Dilday. 1991. Genotypic responses to limited water supply in rice. *Proceedings Environmentally Sound Agriculture Conference*, pp. 589-595, Orlando, Florida: April 16-18, 1991.

Price, M., Md. Jalaluddin, and R. H. Dilday. 1990. Screening Rice (*Oryza sativa* L.) Genotypes for Drought Tolerance under Field Conditions. *Proceedings Arkansas Academy of Science* 44:91-93.

Price, M., Md. Jalaluddin, and R. H. Dilday. 1990. Water Use Efficiency in Rice, A research Strategy. *Proceedings Twenty-Third Rice Technical Working Group*, pp. 17-18, Biloxi, Mississippi; February 26-28, 1990.

Price, M., R. H. Dilday and A. L. Allen. 1989. Characterization of Rice (*Oryza sativa* L.) Roots Versus Root Pulling Resistance as Section Indices for Drought Tolerance. *Arkansas Academy of Science* 43:63-65.

Price, M., R. H. Dilday and A. L. Allen. 1989. Screening Drought Tolerance in Rice (*Oryza sativa* L.). *American Society of Agronomy, Madison, WI, Southern Branch Abs.* p. 7.

Cishahayo, D., C. Sehene and M. Price. 1986. Caracteristiques Des Meilleures Varieties De Sorgho (*Sorghum bicolor* (L.); Testees Dans Les Regions Du Bugesera - Gisaka - Migongo (BGM). Bulletin of Aciricule du Rwanda, pp. 169-180.

Price, Mazo and V. Balasubramanian. 1986. Selecting Soybean Cultivars for Improved Cropping Systems in High Altitude, Seminarid Areas of Rwanda, IITA/ISAR FSR Project Presented at the Agronomy Meeting in New Orleans. American Society of Agronomy, Madison, WI, p. 44.

Price, M. and D. Cishahayo. 1986. *Ascochyta* blight on Major Food Crops in Rwanda, East Africa. Plant Disease: Volume 70, No. 1159

Price, M. and D. Cishahayo. 1986. Breeding cowpea varieties for Multiple Disease Resistance in Rwanda. Plant Breeding Symposium; Lincoln, New Zealand.

Price, M. and D. Cishahayo. 1985. Field evaluation of seven fungicides for the control of scab disease and *Ascochyta* blight on cowpeas in Rwanda. Phytopatholoay; Volume 75, Number 11, p. 1308 (Abstract).

Price, M. and V. Balasubramanian. 1984. Cooperative Research in Rwanda. International Institute of Tropical Agriculture. Annual Report for 1983. Ibadan, Nigeria.

Price, M., R. I. Chambuya and F. Z. Machange. 1983. Insecticides Evaluation and Timing of Spray Application for Insect Control of Cowpeas in Tanzania. Tropical Grain Legume Bulletin; No. 28, pp. 4-8.

Price, M. and R. W. Dunstan. 1983. The Effect of Four Insecticides on Leaf Miner Damage of Cowpea in Tanzania. Tropical Grain Legume Bulletin: No. 27, pp. 2325.

Price, M. B. B. Singh and J. Mamkwe. 1983. The Role of Early Maturing Cowpea Varieties in Tanzania. Tropical Grain Legume Bulletin. No. 27, pp. 8-10.

Price, M. 1982. Tanzania Food Crops Research; Soybean: Genetic Improvement. International Institute of Tropical Agriculture. Annual Report for 1981; Ibadan, Nigeria, p. 158.

Singh, B. B. and M. Price. 1982. Tanzania Food Crops Research: Cowpea-Genetic Improvement. International Institute of Tropical Agriculture. Annual Report for 1981; Ibadan, Nigeria.

Price, M., F. Z. Machange and J. A. Asenga. 1982. Improved Cowpeas. Ministry of Agriculture, Tanzania.

Price, M., F. Z. Machange and J. A. Asenga. 1982. Growing Cowpeas in the Morogoro Region, Tanzania. Ministry of Agriculture, Tanzania.

Price, M., J. A. Asenga and J. Mamkwe. 1981. Evaluation of Five Insecticides on Insect Damage and Yield of Cowpea in Tanzania. Tropical Grain Legume Bulletin: No. 27. pp. **2325.**

Price, M. and J. A. Asenga. 1980. Improved Cultivation of Cowpeas (Viana unguiculata) in Tanzania. Ministry of Agriculture Bulletin, Tanzania.

Karel, A. K., B. J. Ndunguru, M. Price, G. H. Semuguruka and B. B. Singh. 1979. Bean Production in Tanzania. Regional Workshop on Potentials for Field Beans in Eastern Africa, Blantyre, Malawi.

Price, M., Choi-Pheng Yik and H. C. Hill. 1979. The Distribution of the Phytopathology, 69:531 (Abstract).

Price, M., R. D. Riggs and C. E. Caviness. 1978. Variability of Heterodera Glycines Races and Genetics of Parasitic Capabilities on Soybeans. J. Nematol, 10:110-117.

Price, M., R. D. Riggs and C. E. Caviness. 1976. Races of Soybean-Cyst Nematodes Complete. Arkansas Farm Research, University of Arkansas Agricultural Experiment Station. 15:16.

Price, M., C. E. Caviness and R. D. Riggs. 1976. Inheritance of Parasitic Capability of Soybean-Cyst Nematodes. 68th Annual Meeting of the American Society of Agronomy, p. 59 (Abstract).

Price, M. and S. C. Schank. 1974. Chromosomal and Abnormal Seedling Development in Barley Induced by Chemical Treatment TIBA, MH, and Formamide. Soil Crop Society of Florida, 32:41-46.

KNOWLEDGE OF LANGUAGES:

	<u>Swahili</u>	<u>French</u>
Speaking Ability	Excellent	Good
Understanding	Excellent	Good
Writing Ability	Great	Fair
Reading Ability	Good	Good

