

Hugh C. Price

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Academic degrees:

Degree	University	Department	Major	Year
B.S.	The Ohio State University	Horticulture	Pomology	1961
M.S.	University of Delaware	Horticulture	Pomology	1966
Ph.D.	Michigan State University	Horticulture	Herbicide physiology	1969

Military Experience:

1961-1964 United States Marine Corps--Infantry Officer
1967-1968 United States Marine Corps Reserve--Infantry Officer
1968 Honorable Discharge--Rank: Captain

Professional Experience:

1969-1970	American Cyanamid Co.	Research Biologist
1970-1971	American Cyanamid Co.	Group Leader: Plant Growth Regulator Discovery
1971-1974	Michigan State University	Assistant Professor
1974-1979	Michigan State University	Associate Professor
1979-1990	Michigan State University	Professor
1990 - 2002	Cornell University	Professor and Chair, Department of Horticultural Sciences
2003-present	Cornell University	Professor Emeritus

Current academic activity:

- Liaison to fruit and vegetable organizations in NY which fund research
- Project Manager for Viticulture Consortium-East
- International consulting on vegetable crop production and/or agriculture research administration

Graduate Student Advisees and Theses Titles

Name	Degree	Year	Thesis title
William Sanok	MS	1972	The influence of carbon dioxide and ethylene preplant seed treatment on respiration and germination of tomato at low temperature
Wayne Cousins	MS	1975	The effect of polyethylene glycol 6000 and other chemical pretreatment on asparagus seed germination
Chrls Rajzer	MS	1977	The influence of nitrogen and plant population on several cultivars of pickling cucumbers
Christine Irwin	MS	1979	Chilling sensitivity of pregerminated pepper seed
Douglas Jardine	MS	1979	Hypobaric storage of celery and cauliflower transplants
Rishi Adhikari	MS	1980	Effect of nitrogen, plant population and chlorflurenol on gynoecious, parthenocarpic pickling cucumbers (<u>Cucumis sativus</u> L.)
Michelle Mitchell	MS	1982	Hormonal, metabolic and physiological changes in celery petioles during the induction of pith
Daniel Drost	MS	1983	Response of fluid sown and transplanted tomato in reduced tillage systems
Syed Hossain	PhD	1984	Storage of high moisture onion (<u>Allium cepa</u> L.) seeds with desiccants in a hot and humid environment
Alberto Medina-Mora	MS	1987	Influence of soil anaerobic conditions on the growth and development of pickling cucumbers
Jerome Grajauskis	MS	1990	Factors influencing the growth of tomatoes in a no-till system

International experience

- Culiacan, Sinaloa, Mexico (1 week 1973) to study fresh market vegetable production
- National Vegetable Research Station, Wellesbourne, England (6 months 1977) sabbatical leave working with Dr. David Gray
- People's Republic of China (4 weeks 1982) Invited lecturer by the Ministry of Agriculture
- Taiwan and New Zealand (4 weeks 1985) asparagus research exchange
- Nepal (3 weeks 1987) consultant for US/AID Project
- Italy (1989) Present 2 papers at the 6th International Asparagus Symposium
- England (1989) Visit scientists at the Horticulture Research Institute at Wellesbourne
- Malawi (3 weeks in 1992), Second Triennial Review, Malawi National Agricultural Research Project
- Zimbabwe (3 days in 1992), review programs at the University of Zimbabwe
- Belgium and France (1998) ISHS in Brussels and Licensed Nurseryman's meeting in Angers
- New Zealand (2000) IDFTA and Nurseryman's meeting in Napier
- China (2003) Lecture at Nanjing Agricultural University and the Jiangsu Academy of Agricultural Sciences

Honors and Awards

- Appreciation Award, Michigan Vegetable Council 1977
- Appreciation Award, Michigan Food Processors Association 1980
- Extension Specialist of the Year, Michigan Association of Extension Agents 1984
- Master Farmer in Vegetable Crops Associate Award, Michigan Vegetable Council 1989

Refereed Publications

1. Price, H.C. and A.R. Putnam. 1969. Efflux of dlchlofenll from shoots and roots of corn. *Ag and Food Chemistry* 17:135-137.
2. Kays, S.J., C.A. Jaworski and H.C. Price. 1976. Defoliation of pepper transplants in transit by endogenously-evolved ethylene. *JASHS* 101:449-451.
3. Taylor, A.G., J.E. Motes and H.C. Price. 1978. Separating germinated from ungerminated seed by specific gravity. *HortScience* 13:481-482.
4. Irwin, Christine Cayer and Hugh C. Price. 1981. Sensitivity of pregerminated pepper seed to low temperatures. *JASHS* 106:187-189.
5. Irwin, Christine Cayer and Hugh C. Price. 1983. The relationship of radicle length to chilling sensitivity of pregerminated pepper seed. *JASHS* 108: 484-486.
6. Jardine, Douglas J., David R. Dilley and Hugh C. Price. 1984. Hypobaric storage of celery transplants. *HortScience* 19:869-870.

7. Furutani, Sheldon C., Bernard H. Zandstra and Hugh C. Price. 1985. Low temperature germination of celery seeds for fluid drilling. *JASHS* 110:153-156.
8. Furutani, Sheldon C., Bernard H. Zandstra and Hugh C. Price. 1985. The effects of osmotic solute composition and duration and temperature of priming on onion seed germination. *Seed Science and Technology* 14:545-551.
9. Price, Hugh C. and Bernard H. Zandstra. 1987. Variety testing: public point of view. *HortScience* 22:1211-1212.
10. Price, H.C. and R.A. Baughan. 1987. Establishment of fresh market tomatoes in a no-till system. *Acta Horticulturae* 198:261-268.
11. Furutani, Sheldon C., Bernard Zandstra and Hugh C. Price. 1988. Evaluating the germination of primed onion seeds by oxygen uptake measurements. *J. Hawaii Pacific Agric.* 1:31-32.

Invited Presentations in Symposiums and Workshops

- Price, Hugh C. 1979. Response of pregerminated tomato seeds to emergence at suboptimal soil temperatures. 1st Fluid Drilling Symposium, Homestead, FL.
- Price, Hugh C. 1981. Field seedling techniques for establishing vegetable crops. ASHS Symposium: Stand establishment of vegetable crops.
- Price, Hugh C. 1983. Cultural practices to facilitate mechanization. ASHS Workshop: Mechanized production and harvest of peppers.
- Price, Hugh C. 1986. Variety testing: Public point of view. ASHS Symposium: Variety testing-
- Price, Hugh C. 1983. Use of computers in Extension: COMNET at MSU. NCCI Symposium. Computer applications for the management of horticultural crops.
- Price, Hugh C. 1985. No-till production of fresh market tomatoes. ISHS Symposium on Timing of Vegetable Crops, Orlando, Florida.
- Price, Hugh C., Rebecca A. Baughan and J.J. Grajauskis. 1989. A six-year summary of yields with New Jersey Hybrids in Michigan. 7th ISHS Asparagus Symposium.
- Price, Hugh C. and Rebecca A. Baughan. 1989. Influence of nitrogen rate and source on asparagus yield. 7th ISHS Asparagus Symposium.

Extension Publications and Research Reports

- Price, Hugh C. 1971-1989. Annual Reports for the Sodus Horticultural Research Farm.
- Price, Hugh C. 1971-1978. Commercial Vegetable Recommendations for Michigan.

- Zandstra, B. and H.C. Price. 1979-1989. Commercial Vegetable Recommendations for Michigan.
- Carolus, R.L. and H.C. Price. 1973. Cage Tomato Production. Research Report 221.
- Robertson, L.S., H.C. Price, D.D. Warncke and D.L. Mokma. 1978. Wind Erosion Control on Organic Soil. Extension Bulletin E-1229.
- Zandstra, B.H. and H.C. Price. 1979. Red Beets. Extension Bulletin E-1306.
- Zandstra, B.H. and H.C. Price. 1979. Beans (snap and lima). Extension Bulletin E-1305.
- Zandstra, B.H., H.C. Price, E.J. Grafius, M. Lacy and C.T. Stephens. 1984. Asparagus. Extension Bulletin E-1304.
- Stephens, Christine T., Diana G. Helsel and Hugh C. Price. 1983. Tomato Disorders. Extension Bulletin E-1679.
- Stephens, Christine T., Rick Latin and Hugh C. Price. Wilt Disorders of Cucurbits. NC Regional Extension Publication 261.

Consulting contracts

<u>Company</u>	<u>Year</u>	<u>Project</u>
Owatonna Canning Company MN	1978-81	Advise on Owatonna, asparagus production
Polysar, Limited Sarnia, Ontario	1985	Latex sprayable mulches
ARCO Plant Cell Research Institute Dublin, CA	1985-1987	Develop cultural practices for a potential new large acreage vegetable oil crop
USAID	1987	Nepal project
World Bank	1991	Malawi project

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