

**Curriculum Vitae**  
**David W. Peters, Ph.D.**

**February 7, 2021**

By:

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- Kearney, Nebraska                    105-115RM    Feb 1991 to Jan 1994
  - Queenstown, Maryland            110-115RM    Feb 1990 to Jan 1991
  - Monmouth, Illinois                105-115RM    Aug 1983 to Jan 1990
- Conducted line development program utilizing a broad array of breeding systems and approaches. Program focused on pedigree breeding approach during early years of career and expanded as technology developed and was made available. Double haploid (DH) line development and molecular marker assisted breeding systems have become increasingly important in recent years.
  - Devoted 15+% of project resources to germplasm diversity through introgression of non-adapted breeding material. Germplasm sources included elite inbred lines from Mexico, Argentina, Brazil, South Africa, Thailand, and the Philippines.
  - Directed yield testing system within assigned station territory (1983 to 2002). Duties included site selection, cooperator relations, contract negotiations, plot planting, management, data collection, harvest, data quality review, and data analysis.
  - Conducted regulated yield trials from 1998 through 2005. Duties included all local regulatory paperwork, site selection, planting, management, data collection, harvest, data quality review, and site monitoring during the following growing season.
  - Assisted in product advancement decision process as part of the North America Corn Breeding Team. Activities included review of companywide trials during the growing season, data review and participation in product advancement meetings.
  - Administrated local breeding project and station budget within strict guidelines. Consistently managed budget within 2-5% of budget throughout fiscal year. Responsible for keeping all capital projects on track and within budget. Site administration included insuring site equipment was maintained and all supplies were available as needed.
  - Hired, managed and developed station staff. Full time staff of 2-5 people were directly under my supervision. Part-time and summer help would vary from 2 to 80 people depending on season and workload.
  - Mentored new corn breeders located at other company sites. Responsible for mentoring four breeders at other Nebraska sites and in China over the last 12 years.
  - Prepared presentations and lead discussions at regional team and company-wide breeding meetings.

**Market Impact:**

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- **Career Market Impact:** 30+ Million Units

**Key Hybrids** (parent developed)

- Asgrow	RX601YG	Female and Male Parents
	RX623	Female Parent
	RX670YG	Female Parent
	RX674RR/YGCB	Female and Male Parents

	RX690RR	Female Parent
	RX740RR	Female Parent
- DeKalb	DKC58-13	Male Parent
	DKC59-35	Male Parent
	DKC60-53	Male Parent
	DKC61-50	Female Parent
	DKC61-69/DKC61-72	Male Parent
	DKC63-84	Male Parent
	DKC64-76	Female and Male Parents
	DKC65-44	Female Parent
	DKC69-40	Female Parent

**Special Notes:**

- RX623 sales from 1992 to 1996 accounted for approximately 25% of Asgrow seed corn sales. Sales held in the 100,000 to 114,000 unit range for 5 years.
- DKC61-69/DKC61-72 sales were major contributors in increasing DeKalb market share in the 110 RM zone. Sales were in excess of 1 million units per year for several years (2005 to 2011).
- Granted 31 patents for corn inbred lines (19) and hybrids (12). Three additional patent applications pending.

**Special Assignments:**

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- o **Isolated Crossing Block (ICB) Coordinator**  
Directed companywide ICB entry exchange system. Process included coordinating the selection of male parents, assessing capacity of each station based on equipment and field availability, and assigning sets to stations. Developed first company standard operating procedure for ICB management in 1998. Resulted in improved seed quantity and quality throughout the system.
  - 1989 to 1997: Asgrow Seed Company
  - 1998 to 2002: Monsanto Company
- o **South Africa Corn Breeding Liaison – 2007 to 2012**  
Traveled to South Africa and hosted South African team members during US visits to coordinate germplasm exchange and improve breeding program effectiveness. Resulted in more efficient germplasm exchange and improved breeding methods for introgression of elite South African lines into US programs and elite US lines into the South African programs. Directly impacted the South African efforts in the irrigated market and increased company market share.

**Awards and Recognition:**

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|--------------------------------------|------------------|------|
| o Commercial Impact Award            | Monsanto Company | 2011 |
| o Global Plant Breeding Career Award | Monsanto Company | 2010 |
| o Commercial Impact Award            | Monsanto Company | 2009 |
| o Commercial Impact Award            | Monsanto Company | 2008 |

- Commercial Impact Award                      Monsanto Company                      2007
- President's Award                              Asgrow Seed Company                      1992
- President's Award                              Asgrow Seed Company                      1990

**Education:**

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- Doctor of Philosophy                      Purdue University                      1981  
Plant Breeding and Genetics              Dr. J.R. Wilcox, Major Professor
  - Master of Science                              South Dakota State University              1979  
Plant Breeding and Genetics              Dr. D.B. Shank, Major Professor
  - Bachelor of Science                          University of Wisconsin - River Falls      1977  
Agronomy

**Leadership and Specialized Training:**

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- **Congressional Briefing Conference**                      ARS                      2018  
Conference conducted by The Government Affairs Institute at Georgetown University to educate ARS employees on how congress works. Topics included role of Congressional committees, observation of hearings, House and Senate floor action, the relationship between Congress and the Executive Branch, and the budget process.
  - **People Leader Learning Series (PLLS)**                      Monsanto Company                      2009  
Series of seven classes developed for Monsanto by the Gallup Company involving one to two day sessions. Topics included staff interviewing and recruiting, staff development, annual review process, and labor laws.
  - **Technology Mentoring Program (TMP)**                      Monsanto Company                      2004  
Selected for program to be mentored by higher-ranking manager from another Monsanto Technology site. Mentor was site manager for Calgene at Davis, California. Focus on improvement of management skills and increasing mentee's understanding of Monsanto Technology.
  - **Career Track Management Seminar Series**                      Monsanto Company                      1997  
Series of five sessions lasting one to two days each. Topics included leadership styles, correcting employee performance problems, communications, and organizational skills.
  - **Program Management Training**                              Upjohn Company                      1983  
Training program for all site and people managers by the parent company of Asgrow. Program involved an intense week of training on interviewing, personnel annual reviews, staff development, conflict resolution, decision making, budget management and site management.

**Professional Memberships:**

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- American Society of Agronomy
  - Crop Science Society of America
  - National Association of Plant Breeders

## References:

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- Dr. Walter Trevisan  
GEM TSG Chairman  
Monsanto Distinguished Science Fellow Emeritus  
515-491-9022
- Dr. Thomas C. Hoegemeyer  
Professor of Plant Breeding Practice – Retired  
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- Dr. Candice Gardner  
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