

ANN M. KLINE
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PROFESSIONAL SUMMARY

Organized and efficient consultant focusing on state registration activities. Over 9 years of agricultural research experience including experience in USDA and EPA field trials

Areas of Expertise:

- ◆ State Pesticide Registrations; Pesticide label review
- ◆ Regulated USDA and EPA Field Trials
- ◆ Plant Physiology and Tillage-related Experiments
- ◆ Regulatory Compliance (crop biotechnology field trials)
- ◆ Maize Breeding & Development
- ◆ Herbicide, Insecticide and Fungicide Field Trials
- ◆ GLP Agronomic Field Trials (40 CFR Part 160)
- ◆ Experimental Use Permits for Field Trials
- ◆ ISO 9000:2000 Protocol & Document Control
- ◆ Technical Writing

PROFESSIONAL EXPERIENCE

SCIENTIFIC & REGULATORY CONSULTANTS, INC., Columbia City, IN
January 2008-present

State Registrations Consulting Assistant

- Prepare and submit initial state product registration paperwork
- Process state registration renewals
- Review product labeling
- Advise on Agricultural related study design, field trials, and compliance

PIONEER HI-BRED INTERNATIONAL, Princeton, IL**2003-2007**

Maize Development Research Associate

Responsibilities: Regulated Field Trial Contact, ISO 9000 Management Representative, and all field research aspects of maize development and breeding

- Managed all experiments, data collection, regulatory records and reports for EPA and USDA regulated field trials
- Implemented and maintained a quality management system for ISO 9000:2000 standards
- Managed spring seed filling of hybrid yield tests to prepare for planting
- Coordinated pollinating season of over 100,000 pollinations across several nursery blocks
- Collected field data in inbred nurseries, hybrid yield tests and observation plots from planting through harvest
- Completed inbred transfers from Breeder Seed to Parent Corn
- Directed spring filling crew and pollinating crews, assisted interns with projects

PURDUE UNIVERSITY, West Lafayette, IN**1999-2003**

Graduate Research Assistant (2001-2003)

- Conducted field trials and accompanying laboratory analysis for thesis research on maize responses to deep placement of phosphorus and potassium
- Guided plot tours for international scientists and industry leaders
- Partnered with fellow graduate students in research projects involving tillage, cropping systems, polymer coated seeding systems, and phenological plant variation studies
- Supervised summer crew and organized work schedules for undergraduate help

Crops Resource Center Teaching Assistant (1999-2000)

- Assisted students, gave quizzes and graded papers for Crops courses
- Set up laboratory sessions for classes using the Crops Resource Center

Lab Technician – Quarantine Parasitic Weed Lab (1998-1999)

- Investigated germination properties of Orobanche and Striga, parasitic weeds with devastating effects on crops in Africa and the Middle East

DOW AGROSCIENCES, Fowler, IN**1999-2000**

Science Intern – Field Research

- Assisted with establishment and evaluation of herbicide, fungicide and insecticide trials
- Set-up and maintenance of vineyard and apple orchards for pesticide testing
- Conducted fungicide trial involving *Cercospora beticola*, a sugar beet disease
- Involvement in GLP studies in vegetable and soybean crops

EDUCATION

- M.S. in Agronomy, Purdue University, West Lafayette, IN 2005
- B.S. in Agronomy, Purdue University, West Lafayette, IN 2000
- Huntington College (now Huntington University), Huntington, IN 1996-1998

PROFESSIONAL AFFILIATIONS & CERTIFICATIONS

- Certified Crop Advisor (2000-present)
- Indiana Certified Pesticide Applicators License, Category 1a (2003)
- American Society of Agronomy (ASA)
- Crop Science Society of America (CSSA)
- Soil Science Society of America (SSSA)

CORPORATE PROFESSIONAL AFFILIATIONS

- British Association for Chemical Specialties (BACS)
 - Chemical Specialty Products Association (CSPA)
 - Cosmetic Toiletries Fragrance Association (CTFA)
 - International Association for Food Protection (IAFP)
 - International Sanitary Supply Association (ISSA)
 - National Spa & Pool Institute (NSPI)
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PROFESSIONAL DEVELOPMENT

FDC Services LLC Indiana Certified Crop Advisor Conference	CGMP/QSR Training Program, June 2008 December 2007
Pioneer Hi-Bred International, Inc.	Regulatory Compliance Training – Maize 2004, 2005, 2006, 2007 Annual Safety Training –Driving, Lock-Out/ Tag-Out, Electrical, PPE, Fire, etc.
Illinois Crop Protection Technology Conference	2004, 2005, 2006, 2007
University of Illinois Agronomy Day	2003, 2004, 2005, 2006
ISO 9000 Training & Implementation	2005, 2006, 2007
DuPont Safety Training	STOP Program for Supervision
MEDIC First Aid	CPR, AED & First Aid (valid through 2009)

PUBLICATIONS & PRESENTATIONS

Kline, A.M. 2005. Corn Responses to Deep Placement of Phosphorus and Potassium in High Yield Production Systems. M.S. Thesis, Purdue University.

Kline, A.M., S.M. McCoy, T.J. Vyn, and E.P. Christmas. 2003. Management Considerations for Relay Intercropping I: Wheat. Purdue University Agronomy Extension Publication (AY-315).

S.M., McCoy, T.J. Vyn, A.M. Kline, and E.P. Christmas. 2003. Management Considerations for Relay Intercropping II: Soybean. Purdue University Agronomy Extension Publication (AY-316).

Kline, A.M., T.J. Vyn, and S.M. Brouder. Phosphorus and Potassium Placement Depth: Effects on Corn Growth. Presented at North Central American Society of Agronomy National Meetings, Madison, WI, March 2003.

Kline, A., T. Vyn, and S. Brouder. 2002. Effects of Fertility Placement in High Yield Corn Situations. Research Report to Foundation for Agronomic Research. Purdue University.

Kline, A.M., T.J. Vyn, and S.M. Brouder. Effects of Fertility Placement on Early Corn Growth. Presented at American Society of Agronomy National Meetings, Indianapolis, IN, November 2002 and at the North Central Industry-Extension Soil Fertility Conference, Ames, IA November 2002.

Kline, A., T. Vyn, and S. Brouder. 2001. Effects of Fertility Placement in High Yield Corn Situations. Cropping Systems Research Report. Purdue University.