

THOMAS J. BUMAN
Agren, Inc.

AREAS OF EFFECTIVENESS

**BUSINESS
ADMINISTRATION &
LEADERSHIP**

Founded an environmental and agricultural consulting company. Secured economic development funds to initiate a manure brokering business. Hired, trained, and supervised staff of 6-10 people for the last 16 years. Incubate and develop new projects. Direct development and implementation of a statewide farmstead assessment program. Instigated and received approval for an RC&D area in Iowa. Served as interim coordinator for M&M Divide RC&D. Serve as Executive Director for Loess Hills Alliance.

**CONSERVATION &
NATURAL
RESOURCES**

Conduct environmental education programs. Developed and implemented water quality projects focusing on nitrogen, phosphorus, and soil sedimentation. Developed conservation plans and contracts for farmers enrolling in the CRP, WRP, and Conservation Compliance (FSA) programs. Surveyed and designed conservation structures. Gather and analyze information and formulate recommendations to protect and restore native prairie in the Loess Hills. Written and received over \$1,050,000 of grant funding for natural resource projects.

AGRICULTURE

Raised on a livestock/grain farm. Organized hay growers associations in three counties. Initiated three no-till clubs. Experienced in planning and implementing nutrient management, tillage, and pasture management systems. Experienced in field-based research including pesticide efficacy, soil quality, and nutrient management.

**RISK
MANAGEMENT**

Co-founded a risk management company to develop and commercialize financial risk management products to support farmer adoption of best management practices. Oversaw research and development of nutrient BMP insurance product, recently approved by USDA's Risk Management Agency. Commercialize nutrient BMP insurance product by providing outreach and training to farmers and ag retailers. Conceptualized and developed corn rootworm BMP insurance product. Initiated concept and framework for black cutworm, reduced tillage cold soils and livestock ration BMP insurance products. Conduct research in partnership with the USDA Risk Management Agency to determine the feasibility of a general liability insurance product for private prescribed fire contractors.

WORK EXPERIENCE

Founder, President and Partner: Agren, Inc., Carroll, IA (1996-present)

Vice President and Partner: Agflex, Inc., Carroll, IA (2000-2006)

District Conservationist: Natural Resources Conservation Service, Carroll, IA (1986-1996)

Soil Conservationist, Supervisor: Natural Resources Conservation Service, Anthon, IA (1984-1986)

Soil Conservationist: Natural Resources Conservation Service, Maquoketa, IA (1982-1984)

EDUCATION

Masters of Business Administration (MBA), Iowa State University, Ames, IA, 1995

Bachelors of Science, Agronomy, Iowa State University, Ames, IA, 1982

PATENTS AND INVENTIONS

Method for Delaying the Development in Pest Species of Resistance to Control Techniques, Using Insurance to Encourage Correct Uses of Refuges, Patent Number U.S. 6,338,040 B1, January 8, 2002

AFFILIATIONS

Assistant Commissioner for Carroll Soil and Water Conservation District, Soil and Water Conservation Society, Academy of Management, Pheasants Forever, Ducks Unlimited, Carroll Chamber of Commerce, Carroll County Farm Bureau