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# Splinter Dedication

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SPLINTER DEDICATION - October 29, 2004

*This man who grew up on an irrigated farm near North Platte was inducted into the National Academy of Engineering in 1984 for invention and development of aerial spray systems and harvesting systems, the only Nebraskan ~~in~~ elected to that esteemed academy. Six patents are based on his research.

*During his 20 years as "head" of the Agricultural Engineering Department here, which now is known as BSE, this department became a "national leader" in plant growth dynamics, water pollution, irrigation water-use efficiency, energy conservation, and conservation tillage. Here are just a few of the many advancements from the department that Dr. Splinter oversaw as department head:

- alternative "energy sources" including solar, biological, and renewable sources;
- biological engineering to "understand and model" animal performance and environmental interactions;
- computerization to provide agricultural producers "analytical tools";
- confined production systems to optimize animal performance and safety;
- conservation tillage systems to "protect" soil resources and conserve water;
- design and management of feedlots to enhance productivity and "protect" the environment;
- food and bioprocess engineering to "add value" to commodities;
- mathematical modeling of crop growth and productivity;
- measuring and modeling agriculture's "impact" on ground and surface water quality;
- and more. Much more.

*The recipient of numerous awards, he received the UNL George Howard-Louise Pound Distinguished Career Award in 2001, and was the Nebraska Hall of Agricultural Achievement's honoree in 2003. Many of his former students and faculty have gone on to prominent careers in industry, government, and academic organizations.

* After retiring, he "twice" served as Interim Dean of the College of Engineering and Technology. Dr. Splinter also served as Interim Director of the Nebraska State Museum and is currently the Director of the Lester Larsen Tractor Test and Power Museum.

Bill - "Defined Mandate"!!