Elanco Animal Health

P.O. Box 708
2500 Innovation Way
Greenfield, IN 46140

(317) 276-2000

March 2, 2015

Dr. Bernie Steele
Director, Alliances & Operations
Michigan Biotechnology Institute
3815 Technology Blvd.
Lansing, MI 48910

Dear Dr. Steele:
Elanco Animal Health is pleased to support your proposal to the North Dakota Industrial Commission's Renewable Energy Program entitled "Developing a Biomaterials Industry in North Dakota". Your approach to a sustainable advanced feedstock logistics system in the context of Regional Depots is very attractive to us. Regional biomass processing could be a key to solving the complex problem of aggregating a large quantity of biomass feedstock to enable the true economies of scale needed to enable profitable biofuels, animal feed and other co-products.

As support for your Project, Elanco will provide the services of Dr. Virgil Bremer at no charge and he would participate in quarterly meetings to advise on animal health and nutrition products, and to assist with techno-economic analyses related to animal feed products from AFEX-treated biomass. If, in the future, the Project is funded, and with the appropriate agreements in place, Elanco may be willing to engage with your management and research teams to provide a commercial perspective to the project.

Elanco Animal Health provides an established line of science-based products and services with a focus on sustainability and environmental stewardship. Elanco pursues its commitment to sustainability by developing products that enhance the efficiency and productivity of animals used in food production. We must make the most of the land and natural resources we have available to increase productivity across a variety of ecosystems to feed a growing world population.

Elanco is interested in the use of AFEX-treated biomass as a potential high energy feed to supplant corn grain in cattle diets. Regional Depot processing coupled with AFEX has significant potential to provide sustainable production of animal feeds from agricultural residues and perennial grasses.

We look forward to a successful Project and to working with you and your team.

Sincerely,

Deborah E. Schannen
Legal Consultant
Elanco Animal Health

SB&B

SINNER BROS. & BRESNAHAN

PARTNERS IN FARMING

April 7, 2015

Dr. Nancy Hodur
Associate Research Professor
Department of Agribusiness and Applied Economics
North Dakota State University
Dept. 7610, P.O. Box 6050
Fargo, North Dakota 58108

Dear Dr. Hodur-

Sinner Bros. & Bresnahan is pleased to provide a letter of support for your proposal to the North Dakota Renewable Energy Program entitled "Developing a Biomaterials Industry in North Dakota". Sinner Bros. & Bresnahan is an 1,800-head cattle finishing operation located in Casselton, North Dakota. Cattle feed is one of our most important inputs, and represents a substantial expense associated with finishing cattle. To remain competitive in this industry, our operation continually evaluates the cost effectiveness of our cattle feed.

My understanding is that the AFEX biomass treatment technology has the potential to provide a lower-cost, high-energy feed for livestock operations. We would welcome the development of this new technology, and we would be interested in further exploring its applicability for use at our facility.

Good luck in your efforts.

Sincerely,

Tom Bresnahan
Partner / Owner
Sinner Bros. & Bresnahan
tbresnahan@sb-b.com
701-347-3104