To Advance Knowledge For Agriculture, the Environment, Human Health and Well-being, and Communities

Features of USDA SBIR Program

• Award Grants Only; Awards Based on Scientific and Technical Merit; Ideas are Investigator-Initiated
• 12 Topic Areas
• Proposals Reviewed by Confidential Peer Review Using Outside Experts from Non-profit Organizations
• All Applicants Receive Verbatim Copies of Reviews

SBIR

Features of USDA SBIR Program

• Phase I Grants = 8 Months/$80,000
• Phase II Grants = 2 Years/$350,000
• 12 Month No-cost Extension Available
• Commercialization Assistance Program in Phase I and Phase II

SBIR

Archived presentation available at http://lpe.unl.edu/archive2.html
12 Topic Areas

- Forests & Related Resources
- Plant Production & Protection, Biology
- Plant Production & Protection, Engineering
- Animal Production and Protection
- Soil & Water Resources
- Food Science & Nutrition
- Rural & Community Development
- Aquaculture
- Biofuels and Biobased Products
- Marketing & Trade
- Animal Manure Management
- Small & Mid-Size Farms

Animal Manure Management Program

- Development of methods and technologies to handle, collect, transport and treat animal manure;
- Development of methods for the detection and abatement of air emissions;
- Development of innovative, energy-efficient, cost effective products, processes or services to reduce the impact of animal manure on surface and groundwater resources; and
- Development of innovative ways to process animal manure into value-added products.
- Dairy, beef, swine and poultry wastes

Grants Awarded, 3 years

Phase I
- 19 Awards, 15% of submissions

Phase II
- 8 Awards, 50% of submissions

Archived presentation available at http://lpe.unl.edu/archive2.html
Phase II, Projects

- Ammonia gas sensors for agricultural applications, Synkera Technologies, Inc, CO
- Packaging of Poultry Litter for Economically Viable Storage and Transportation, Mammoth Corporation, WA

Phase II, Projects Con’t

- Ammonia Point Sensor for Intensive Livestock Operations, Eltron Research Inc., CO
- A New Concept for Removal of Phosphorus from Dairy Farm Waste, Multiform Harvest Inc., WA

Phase II, Projects Con’t

- Development of Horticultural Containers from Anaerobically Digested Cow Manure, Freund’s Farm, Inc, CT
- Metalized FEP-An Improved Alternative to Tedlar Bags for Downwind Odor and Volatiles Emission Sampling of Confined Animal Operations, Microanalytics, Inc. TX

Archived presentation available at http://lpe.unl.edu/archive2.html
Phase II, Projects Con’t

• Processing of Poultry Manure for Fuel Gas Production, Advanced Fuel Research Inc., CT, Mike Serio
• Large-scale production and marketing of vermicomposted dairy manure, RT Solutions, NY, Tom Herlihy

USDA SBIR HOMEPAGE
www.csrees.usda.gov/fo/sbir

• Program Information
• Solicitation (Request for Applications)
• Technical Abstracts
• Link to SBA and Other SBIR Programs
• Upcoming SBIR Conferences
• Find the Expert (CRIS & ARS)
• PowerPoint Presentation
• Success Stories
• Impact Newsletter

Animal Manure Management Homepage and Contact Info
http://www.csrees.usda.gov/fo/animalmanagement

• Program Information
• Solicitation Schedule and Request for Applications Instructions
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The End

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