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Contact:
Innoventor, Inc.
(314) 692-9998

Growing Controversy between Environmentalists and Hog Producers Increases Urgency of Release of Innoventor Engineering's Air Cleaning Technology

St. Louis - Innoventor Engineering, Inc. (IEI), a St. Louis based engineering design firm, announced the release of their Air Scrubber, a system developed to reduce odor and particulate emissions from hog farms. Kent Schien, president of IEI, said that growing controversy between environmental agencies, communities and hog producers has pushed the timetable for production of the Air Scrubber.

"I think that pork producers will welcome technology that allows them to affordably and effectively clean up their operations," said Schien. "The release of the Air Scrubber to the industry is a 'win-win' development for all concerned."

Research conducted by Drs. Ted Funk and Yuahui Zhang from the University of Illinois at Champaign-Urbana indicates that the preponderance of odors emitted from a confinement building are carried on the animal dander and feed dust discharged from the building. The Air Scrubber is designed using the principle of conservation of particle momentum. "This practice is widely used in other industrial applications but is unique to this segment of the food production industry," said Schien.

Odor samples collected and analyzed by Dr. Dwaine Bundy from the University of Iowa on a southern Illinois farm equipped with the Air Scrubber recorded an 80 percent reduction in odor across the device. The device remained in operation for a period of six months without maintenance or reduction of efficiency.

The Air Scrubber is practical in its application, working in tandem with existing systems already in place on most major hog farms. As a systems retrofit, the Air Scrubber also holds down the cost of implementation and operation.

For more information about the Air Scrubber, contact Innoventor, Inc. at (314) 692-9998 or at solutions@innoventor.net

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