

## Researcher produces, ships only H1N1 vaccine available for swine

November 23 2009

---

The only swine vaccine available for the H1N1 virus has been sent to vaccinate a swine herd infected with the virus. The vaccination marks the first time vaccine has been sent to a swine herd diagnosed with the pandemic flu.

Iowa State University's Hank Harris, professor of animal science, developed the [vaccine](#) this summer and has been shipping preventive doses to swine producers in Iowa, Kansas and Illinois for several weeks.

The latest vaccines were shipped to a swine producer in Indiana that had H1N1 diagnosed in the herd.

"This is the first time we've had a confirmed diagnosis and the farmer wanted to vaccinate," said Harris. "We shipped about 20,000 with about another 11,000 doses to go out to them later."

Vaccinating a herd that has already been infected should have some effect on the spread, but Harris isn't sure how much.

Harris' vaccinations have recently been reviewed and published by the online journal *PLoS Current* [Influenza](#).

"It isn't uncommon for vaccinations to be used in what we call 'the face of an [outbreak](#),'" he said. "They (producers) may think the virus is spreading slowly in the herd, and they want to vaccinate the entire herd."

Harris thinks the Indiana vaccinations may indicate swine producers around the country are eager to vaccinate.

"Since these [pigs](#) got sick and had a confirmed diagnosis, I think more farmers are going to want to vaccinate," he said.

The [vaccine](#) is being manufactured through Iowa State University and Harris' startup company Harrisvaccines, Inc. d/b/a SirrahBios, Inc.

Harris says that the virus may have gotten into the Indiana swine herd from humans who had flu-like symptoms while working with the pigs.

"It's one of those things we'll probably never know for sure. The history is that the virus can go from people to pigs and from pigs to people just as easily," he said.

Harris stresses that there is no threat of humans getting the H1N1 virus from eating pork from pigs that had the virus.

Source: Iowa State University ([news](#) : [web](#))

Citation: Researcher produces, ships only H1N1 vaccine available for swine (2009, November 23) retrieved 23 April 2024 from <https://medicalxpress.com/news/2009-11-ships-h1n1-vaccine-swine.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.