



**MRSA problem solved and antibiotic use decreased
with use of Chrisal Probiotic Cleaners (PIP) on Dutch Hog Farm 2015**

Wisselbeker voor MRSA-bestrijders

(Translation) *(Note that the automatic translation does not provide the best in English usage for the below news story)*



Higher Swine Health Prize

"INNOVATIVE HEALTH"

Challenge for MRSA fighters

For the annual challenge of what farming facility can prove innovation for 'Healthier pig production', of the five finalist nominated this year, the pig farmers Eric and Ine van den Heuvel won the prize and was able to bring the cup home to their business in Nistelrode.

This cup is created to set up a special contribution to health in the Dutch pig industry.

As now people in the limelight, the two entrepreneurs from Nistelrode have made both the health of the pigs on their farm and combating **MRSA** as the number one priority in their business philosophy. And, not without success. By using Chrisal Probiotics, they have reduced the use of antibiotics by 95%. In addition, their veterinary costs are now substantially lower than the average. The jury that judged and awarded the prize for this year to them stated that "The way in which these entrepreneurs have furthered the health of their animals and increased safety for the farmers and their families are innovative and enterprising.

"Our challenge is to be fully MRSA free. It is a difficult task, but we now can be sure of our success", said the proud prize winning farmer.

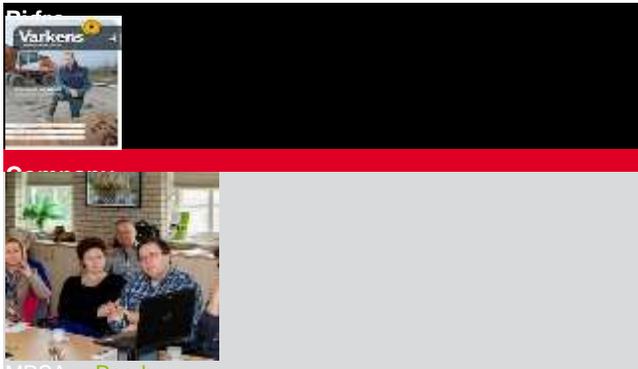


ABOUT THE PRIZE: The prize each year is awarded to the facilities that show how to best "improving pig health" and for being an example for other farmers to follow. Each year, members of the industry are invited to send in their ideas and projects. Then 5 projects related to the sector are selected beforehand out of all projects.

The selection is made by a team of professional scientists, veterinarians, union officials and government representatives, all related to the pig sector. PIC (Semen, Genetics) and Coppens (the Feed Producer) are the main sponsors of the annual even.

For the winning presentation, all of the farmers in Holland are invited in the hall of a Soccer Stadium where the winning person, family or company gets awarded the prize and then does a presentation for all the farmers in Holland about how to best increase the health of their animals.

One of the main goals in recent years is how to best be able to have a reduction in the use of antibiotics. Further, it is also an initiative to trigger farmers and all related parties from food producers to suppliers, etc. to show that the pig sector is capable of doing something about their situations (see important note below). In this way, this group becomes a valued partner for other (governmental) organizations in discussing these PIG health related matters.



MRSA-free by good bacteria

January 18, 2012

Maintaining and adding good bacteria to bad to supplant, the way to control. MRSA on pig farms That pig farmer told Eric van den Heuvel from personal experience, during practice symposium Higher Swine Health on 17 January in Venray.

Van den Heuvel won last year's trophy 'Healthier pig production. This year he was guest speaker. With a fully automated system he puts daily probiotics (from Chrisal) to achieve this. He thus brings as many desirable bacteria in the company so that the unwanted bacteria have no room to develop.

The use of antibiotics has decreased in his business by 95 percent in two years. His animal day dosing has gone from 47 to less than 2. According to Van den Heuvel you never should use disinfectants kill all the bacteria, because you kill all the good with the bad, and you need the good to protect you. Especially because the bad bacteria tend to be strong and continue to then have plenty of room to multiply when you also kill the good ones.

Van den Heuvel, a company with 500 sows in Nistelrode. Together with his wife Ine he has three children. The realization that the use of antibiotics created problems was seen by Van den Heuvel in 2003.

His daughter had to undergo heart surgery, but the hospital she was found to bear MRSA with him. To prevent further spread, she had to leave the hospital immediately. Surgery could not be performed until 2004. Meanwhile, Van den Heuvel investigate his family. Four of the five family members carried the MRSA bacterium. With many other farmers in the area revealed the dangerous bacteria present.

At present, the family Van den Heuvel completely MRSA-free after using Chrisal to prevent re-infection.

To learn more about Chrisal's probiotic cleaners ability to reverse Superbug resistance genes see the 2018 Caselli study at www.choiceprobiotics.com