



Freezing - the cold, hard facts





World pork trade faces uncertainty

Prioritising quality and efficiency

## 10 International pork trade

There is uncertainty due to the crisis, less demand for pork and at the same time reduced production. A clear fall in the import and export of all the major players is indicated. These are only a few of the conclusions drawn by the Belgian Meat Office from the international pork market study by the Gira Meat Club.



# 20 Prioritising quality

MPS installed a number of high-speed (>1,250 pigs per hour) robotised, single conveyor slaughter lines in North America. This has allowed the meat plants to reach yearly savings of US\$1.3 million while processing 9,500 pigs per day in a single shift. One of the packers is the Olymel organisation.



## 22 Freezing

A year after his first review of two popular cryogenic refrigerants, Dr Chris Kennedy has re-visited the freezing debate to investigate how cryogenic technologies stand up to innovations in mechanical freezing.



## 26 Bioactive paper

A network of researchers is developing Canadian invented bioactive paper that contains the ingredients to detect and ward off life threatening bacteria and viruses like E-coli and salmonella.



## 04 World update

News from the worldwide meat industry, including Editorial, Outlook from North America, Asia, and upcoming events

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International pork trade faces uncertainty

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Low-oxygen packaging of fresh meat

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AMI 2009 - where innovation meets excellence

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Bioactive paper holds promise for food safety

