



GEA - Houle

Houle started with Canadian roots in Drummondville, Quebec by building barn cleaners in the 1950's. It was started by the Houle family. As the stacked manure outside needed to be contained, Houle came out with pumps, agitators and manure tankers that literally took North America by storm. The electric pumps started with the 4 inch Dairy Pump and Agi Pump as farmers graduated away from only PTO pumps which now help to automate dairies. Their patented "Power Flume" pumps have built in agitation propellers and can reach volumes of 2000 gpm (gallons per minute). From thin to thick manure, from short distance to long distance, GEA Houle has a pump to suit the job.

To understand why the GEA-Houle product line of manure pumps has the most world wide sales, just examine their list:

- 3" Compact Pumps.
- 3" Regular Pumps.
- 3" High Pressure Pumps.
- 4" Hog Pumps.
- 4" Dairy Pumps.
- 4" Agi Pumps.
- 8" Flush Pumps.
- All above are available on Pontoons.
- Vertical Agitators.
- Irrigation Manure Pumps.
- Lagoon PTO Agi Pumps.
- Lagoon PTO Super Pumps.
- Maxi Transfer Pumps.
- Vertical PTO Pumps.
- 3 pt. PTO Agitators.
- 3 pt. PTO Agi Pumps.
- 3 pt. PTO Super Pumps.
- 1000 rpm PTO Pumps.
- 6 inch and 8 inch Lagoon Pumps.
- 3 Choices of Piston Pumps.
- Hydraulic Submersible Pumps.
- Self Filling Primer Pumps for Manure Tanks.

ICE CREAM DRIPPING

If you're too busy chasing drips to enjoy your ice cream, take heed to a new invention by a University in the UK. The University found that certain kinds of bacteria shield themselves from attacks of other molecules by producing a biofilm - a water repellent layer that acts like a microbial raincoat. Researchers isolated this particular protein called Bacillus Subtilis from dirt. When ice cream warms up, the fat and sugar separate like oil and vinegar does. That causes trapped air bubbles to escape and ice crystals to melt. When researchers added the protein "Bacteria", the fat and sugar remained mixed so the matrix of ice and air stayed in place longer. This slowed the dripping but no word yet on palatability. Slow drip ice cream could reach the freezer aisle in as few as three years.

From Popular Science

GEA INNOVATION

IN NEW ZEALAND

GEA has built a complete processing plant for infant formula production for China. The new plant is in Auckland, New Zealand and has started production. With a capacity of 50,000 tons a year, this plant is one of the largest formula plants in the world. It is a showcase plant that places focus on innovation and on the hygienic design of process and buildings. GEA was chosen as the main process contractor. The scope supplied from GEA included all the key elements from milk and ingredients reception to powder production, and to final packing into 25 kg bags. All of the main processing technology from GEA assures absolute compatibility and design optimization.

From Dairy Topics 2016

BLOOD SAUSAGE

Blood in breakfast, not a pleasant thought but popularly consumed in Europe, Asia and Kenya. It is also called black pudding as well as blood sausage. The name includes blood because it is made from the blood of cattle, sheep and goats - depending on the country where it is made. Blood sausage is basically made by mixing the blood of the animal to oatmeal and some other binding agent. It can be consumed in roasted, fried, grilled or can even be eaten in cold form. In Ireland, it is one of the confirmed items to be served in the breakfast menu.

From Wonderslist.com

BRUSHING OFF

- EYS COW BRUSHES

Mechanical grooming brushes in calving pens could help to reduce stress for animals during their time of calving. Canadian scientists at Universities of Guelph and British Columbia compared behavior of cows with access to a brush in the calving pen with that of an ungroomed control group. The cows with the opportunity of continual grooming tended to lick their calves more after birthing. On top of this, the length of time these cows spend licking themselves following separation from their calves was noticeably longer than the control group. It's been long acknowledged that cows reduce stress through such self grooming sessions. Next mission is to check the possible palliative effect of grooming brushes before and after difficult calving.

From Agrifuture

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• Solid core drum with increased stability



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Hours of Operation
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