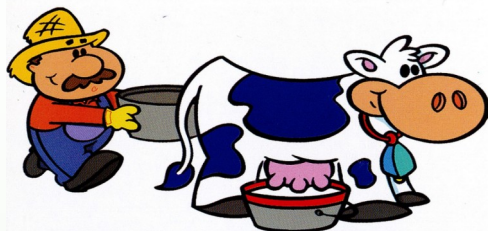


# PACIFIC MOO BIZ

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**THE RIGHT CHOICE**



## BC DAIRY EXPO AND TOUR DAY

Thanks to those who visited us at the Tradex Ag show and on Tour Day. We saw very good responses to the Mlone in our booth. Bringing up Robotics to a new level in speed and quality is what many people are looking for. Milk quality, less feed costs and lower maintenance has already been proven in the field. Coming out later but with the right equipment was important to GEA. The milking arm Mlone is the same as the arm to be used on the rotary ProQ system. The ProQ Robotic Rotary Milking system is the largest research & development project that GEA has undertaken. Check it out on YouTube with GEA Farming - DairyProQ: Episodes 1 thru 3!

## 'TROJAN COWS

ISCA Technologies announced that Agenor Mafra-Neto's research on the development of a "human scented Trojan cow" technology has been awarded a grant by Bill and Melinda Gates Foundation. Dr. Mafra-Neto's team is developing a 'cologne' that would alter the scent of livestock to mimic that of humans. The odor will divert disease carrying insects, like mosquitoes, from people to animals that have been pre-treated to resist infection. At the same time, blood seeking insects that typically target animals will be confused or repelled by the altered odors emanating from the treated animal hosts. Smell is everything! *from Acres USA.*

## NEW IN MANURE

Pacific Dairy's goal is to be progressive in new ideas and methods, i.e.:

- ♦ First Sand Lane.
  - ♦ First Hard Hose Drag System.
  - ♦ First Bedding Maker Systems.
  - ♦ First GEA Houle Self Fill Tank.
- To add to the list we now have the following to add:
- ♦ 210' Briggs Boom for Corn (1 Sold).
  - ♦ 45' Boom for Grass w/ Drop Hoses (Vogelsang).
  - ♦ Cadman 3 Nozzle Booms (6 Sold).
  - ♦ DTX Separator w/ 4 Nozzle Press for Green Bedding (5 Sold).
  - ♦ Slurrystore Flush Tanks (5 Sold).
  - ♦ GEA Houle Rope Scraper on Slats.
  - ♦ GEA 2 Way Flip Blades.
  - ♦ GEA Houle Chain Scrapers.
  - ♦ All Made in Canada!

## INTERESTING AG NEWS

\*Orms town, Quebec corn grower Peter Finlayson has been growing corn on an 80 acre field for 50 years with healthy results.

*from Ontario Farmer*

\*Agrimoney.com reports that shares in "China Modern Dairy" tumbled to a 14 month low after the group said government officials were probing reports that it had sold cows infected with tuberculosis and brucellosis. The dairy has 190,000 head and produces 4.72 million liters in 6 months.

\*The experience GEA has in milking cows goes all the way back to 1881 starting in Germany via Westfalia. Also, GEA with its centrifuge history (which is a billion dollar industry) has 80% of all milk and beer etc, go thru its processing equipment.

## PHONE ME

Farming has changed drastically in the last 10 years. Many grandfathers would be amazed at the ability of things on the farm to phone a smart phone. It may get to a point where we get too many calls or alarms from non-people events. The following is a list of examples of some that are working as we speak and some that may be applied more readily in the future.

- ⇒ Cow Activity Alarms.
- ⇒ Robotic Milking Functions.
- ⇒ Barn Scraper Functions.
- ⇒ Lighting Functions.
- ⇒ House Security Functions.
- ⇒ Barn Camera Functions.
- ⇒ Cow Calving Functions.
- ⇒ Pasteurizer Functions.
- ⇒ Manure Separator Performance.
- ⇒ Ventilation Alarms.
- ⇒ Oil Cleanliness & Oil Changing Alarms.
- ⇒ Cow Bunk Time Alarms.
- ⇒ Feed Bin Grain Amount Alarms.
- ⇒ Milk Cooling Alarms.
- ⇒ Rumination Alarms.

## NEW ZEALAND

A New Zealand based company has led an expert genetics team to develop a dairy cow that is better able to thrive in tropical climates and achieve high milk production under heat stress. This new animal will be used on large dairy farms in countries such as Columbia, Ecuador and the southern USA. Researchers have transferred a recently discovered "slick locus" from Senepol cattle to Holsteins. This has given the new "breed" an improved ability to regulate its body temperature, while maintaining productivity. The slick locus has been introduced into New Zealand pasture genetics and the new animals will be known as "Kiwipoles" combining great heat tolerance with the best pasture genetics in the world.

*from IH Dairy Topics*





**NOW'S** the time!



**In today's world, manure management is a critical issue in any dairy or livestock operation. Stricter manure handling regulations and environmental controls mean that the storage options you chose yesterday may not match up to today's standards. Combined with the ability to capture nutrient value, buying a Slurrystore has never made more sense.**

• **NOW'S THE TIME for better environmental stewardship**

A Slurrystore is an above-ground positive containment structure that minimizes the danger of run-off and groundwater pollution that may occur with lagoons, stacks, concrete pits or other storage methods. With its glass-fused-to-steel construction and robust reinforced concrete floor and foundation design, it is engineered to the highest standards and conforms to USDA-NRCS regulations.

• **NOW'S THE TIME for more reliable and convenient manure storage**

A Slurrystore is more convenient, durable and safe than lagoons and concrete pits. It is easy to fill and clean. An optional contaminant detection system is available.

• **NOW'S THE TIME for odor control management**

Slurrystore can help to reduce odor – in some cases up to 90 percent. The above-ground construction produces a “chimney effect” releasing any odors into higher level air currents. Also, a crust will typically form on top of cattle manure sealing in odor.

• **NOW'S THE TIME for waste storage flexibility**

A Slurrystore can fit into your future expansion plans. With Slurrystore, you get the flexibility to increase structure size and volume stored when growth occurs.

• **NOW'S THE TIME for better agitation**

No other manure storage option allows for better and more complete agitation than a Slurrystore. Using new and improved deluxe agitation systems, Slurrystore pumps and nozzles blend a consistent nutrient mix throughout the structure. A Slurrystore essentially works as a fertilizer mixer.