



## THE RIGHT CHOICE

of "milk sickness". Abraham Lincoln assisted his father in the making of his mom's coffin by whittling the wooden pegs that held the planks of her coffin together. Her aunt and uncle had died of the same disease.  
(from Wikipedia)

### Manure Systems

At Pacific Dairy, it has been important to not only stay abreast with the newest manure systems but also to come up with our own. The following is a list of both of these:

- Flume using a Flush Pump.
- Separating of manure using sloped screens, screw press, DT360s or Roller Presses
- Bio Link Flush Systems.
- Sand Lane Systems w/ flush or slurry manure.
- Sand Cannon System.
- Mini Pit Trap Sand System (just installed).
- Bedding Makers.
- Green Bedding Systems.
- Slurrystore Agitating Systems.
- Channel Dewatering Systems for manure alleys.
- Specialty sand pumping Systems.
- Box channel scrapers (originated at UBC).
- Dewatering roller screens with roller presses.
- Screw presses into roller presses (new concept).
- Fines bottom removal System.
- Closed loop flush Systems.
- Siphon pump self fill manure tanks.
- Ballast double flush Systems.
- Dry pit pump Systems.
- Dry manure stacking Systems.
- Soft and Hard Drag Hose Systems.
- Gravity tank flush Systems.
- 2 inch by 8 inch groove dewatering System.



### More History

\* In 1822, Canadian Alexis St. Martin was shot in the stomach, and the botched surgery he received left him with a gaping 6 in. (15cm) hole in his side. But it wasn't all bad news, as Dr William Beaumont was able to discover the secrets of digestion by tying a silk string to pieces of beef, chicken, bread and cabbage and dangling them through the hole in his stomach. Later, pulling out the food, he found that vegetables took the longest to digest, chicken was digested more slowly than beef, and milk curdled before it could be digested.

\* In France in 1452, a goat was convicted of being the ringleader of a gang of cows, that terrorized the town of Rouvres for several days, committing "much mischief".

(from Ripley's "Believe It or Not")

### Interesting Info

- 1) A study overseen by Oklahoma State University found that cows at one of the dairy farms in that state produced 6% more milk when LED lights were used, compared with fluorescent lights. They were also cheaper to run and no stray voltage.
- 2) Our new Cow Scout heat detection tags can be accessed 24/7 when tags on animals (heifers) within 50 meters of the antenna (incl. cel phone access).
- 3) Our new Secca fans can move air in each direction to 100 ft.
- 4) New ChoreTime 36" fans with adjustable hangers are \$585.00 ea.
- 5) Phone us if you are interested in a good spreader silage box which we are motivated to move.

**Congratulations to  
All of the Grads!**

### Accidents

An Irish survey has recently shown that some two thirds (63%) of farm related accidents are associated with the handling of cattle. Key factors were facility design and workers not understanding the behavioral need of the animals they are working with. If this is the figure in Ireland, there are no grounds for assuming it should be any different in other countries. It is important that we have appropriate escape exits or man passes for staff and that we ensure that our staff are adequately trained on animal handling. Ideally, workers should never work on their own, but this is not always a realistic option for family run farms. Perhaps now is the time to review procedures on your farm. At the beginning of June, we at PDC had Nathan Bosch, risk manager of Vedder Transport, talk to our staff at our safety meeting, to discuss the "culture" of safety.

(from Dairy Topics)

### History

While living at Little Pigeon Creek Settlement, Nancy Hanks Lincoln, at 34 years of age, died of "milk sickness" (Abraham Lincoln, her son, was nine years old at the time). The date was Oct. 5, 1818. Milk sickness was caused by settlers drinking the milk from cows that had eaten a weed called the "white snake root". The plant contains a poisonous toxin called temetrol, which is passed through the milk. The migrants from the East were not familiar with this weed and its effects. In the nineteenth century, before people understood the cause of the illness, thousands of people in the Midwest died

# C-Series Features

Cadman is pleased to introduce the all new C-Series lineup of irrigation travellers. Utilizing the latest methods in manufacturing technology, Cadman has proven once again to be the leader in the industry. The new C-Series travellers include three chassis sizes and 16 different hose sizes, ranging in diameters from 2.3" to 4" and lengths from 700' to 1675'. The options do not stop there. Each C-Series traveller can be customized to suit your needs.



# C-Series Features

## Drive Systems

**Infiniti Drive™** – Cadman's new Infiniti Drive™ system is revolutionary. By incorporating hydrostatics, there is no need to change gears. This means that you can simply engage the Infiniti Drive™ and walk away. As well, Cadman has the widest speed range available regardless of turbine or engine drive.



**Turbine with Variable Vane Technology** – An industry first! Cadman has developed the most advanced water turbine in the irrigation industry. By using variable vanes, the iWater™ control can adjust the turbine for maximum efficiency regardless of flow, pressure or hose retraction speed. This saves energy and pumping costs.



**Engine Drive** – As an alternative to the turbine, Cadman offers the best engine drive in the industry. Because we design our travellers from the beginning with engine use in mind, we make sure that the Honda motor is running at peak fuel efficiency. For a normal irrigation cycle, the Honda motor only has to run at lower speeds instead of full rpm.



**iWater™ Control** – The all new iWater™ system is another industry first providing direct control of the irrigation traveller. Features include multiple irrigation speeds during a single cycle, start and end delay, accurate speed compensation and turbine control. Options include cell phone control and remote pump control.

