



The Right Choice



## Super Tour Day

This year's Dairy Tour Day and Dairy Expo were great. The tour day had beautiful weather and all the dairy's did a great job of hosting crowds of up to 700 people. Pacific Dairy would like to especially thank the Zwartbol family, the Bisschop family and the Pool family for showing their milking parlors. We would also like to thank the Baars family and EcoDairy for showing our manure systems as great choices for today's dairies. It is certainly evident that these unique tours drive progressiveness in our dairy industry which seems to keep raising the ante each year. Again thanks to all who were involved with the Tour Day including those who served food and drinks.

## Bovine Info

- To keep milk from turning sour keep it in the cow.
- A Wildebeest calf can run full speed within 7 minutes of being born.
- Cows are social animals. They prefer moving as a group, and can become very stressed and restless if suddenly segregated or housed alone.
- Cows will circle or put their head in a corner when feeling threatened.
- Do not eat cereal that changes the color of milk.
- Canadians guzzle 8 million liters of eggnog during Christmas season.
- Zoonoses are animal diseases that can transfer to humans

## Adrenaline

Milking a cow is the process of collecting the milk she wishes to provide. It is very much a physiological process. Therefore, the more you

understand the cow, and handle her properly, the more success (or milk) will be rewarded to you during the milking process. Cows need to be in a calm, relaxed environment in order to maximize their milk let down. In fact, the milking process for cows really starts in the free stall area when the cows are brought to the holding area and parlor. The sounds of the parlor and the prep procedure send the signals to the cows brain to release oxytocin. When a cow is stressed, a second hormone, called adrenaline is released into the cow's blood stream. Adrenaline contracts the blood vessels and blocks the milk let-down hormone, oxytocin reducing or preventing milk flow for 20-30 minutes.

*GEA Milk Quality Specialist Newsletter*

## Bedding Master ROI

Pacific Dairy has created for your convenience a "Return on Investment Sheet" so you can plug in your numbers to find out your return on investment in years. Over and above this there are many additional benefits to a Bedding Master which can be difficult to put a financial number too. The following is a list of these...

- Removing solids reduces cost in manure agitation and pumping.
- Removing solids eliminates the cost associated with plugged lines.
- Removing solids enhances plant growth since there is less solids smothering plants.
- The ability to use more bedding improves animal health.
- Sawdust is no longer being spread onto the grass or soil.
- Removing solids from storage lagoon effectively increases storage capacity.
- The bedding product is always

consistent.

- Less trucks driving on the yard.

## Greek Yogurt

There's a Greek uprising taking place in the dairy cases in stores across North America. What used to be a specialty item years ago is now turning into a creamy staple. Greek yogurt made by straining out whey and water from traditional yogurt, had been around for centuries. With a thick consistency and a sour flavor often balanced with fruit or honey the Greek variety had won a plaudits from nutritionists for its high protein and low fat content. The combination has caught fire with health conscious consumers: Greek yogurt sales have doubled every year since 2006. The other interesting thing is that more people are switching to yogurt for breakfast instead of cereal.

*Oct Bloomberg Business Week*

## What's new

- Houle Tanks now have a stainless steel option (the whole tank is actually stainless).
- Houle tanks can be used to transfer manure without moving the tank.
- A deep groove option is now available for Houle Scrapers, to dewater alleys (cheapest way)
- The Houle Twin piston pump can pump up two miles
- Houle tanks now have the ability to be separated from its running gear.
- Our 1100 and 1230 Cadman Mini Travelers will work right out of your water hose source. (great for lawn orchards or dust repression).

Congrats to Baarsview for the start up of their Biolink Flush Sand Recovery System.

# 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 diameter 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.



## Standard Features

**Fully Welded Uni-Body Construction**—All Cadman C- Series travelers are welded together—not bolted together. This gives superior strength and provides for durability in the field.

**Hydraulic Stabilizers**—Hydraulic stabilizers are raised and lowered with tractor hydraulics and as an option, a hand pump can be installed for times when a tractor is not available. As well, the gun cart lift is incorporated to raise and lower the cart along with the stabilizers.

**True- Track Gun Cart**— Each C-Series traveler comes standard with a True-Track gun cart. These carts have been designed to ensure the cart stays in the irrigation row. They are feature self- leveling which is important on hills, in valley and at the end of the irrigations cycle.

Available in 46" and 62" height and orchard extensions are available upon request

## 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 cost.

**Engine Drive**— As an alternative to the turbine. Cadman offers the best engine drive in the industry. Because we design our travelers 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 traveler. 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.

