



MANURE EQUIPMENT INVENTORY

Over the years we at Pacific Dairy have been directly and indirectly involved with many manure systems. To get a better idea of what we have been involved with and what other farmers are doing, here is our list:

- 20 Drag Systems.
- 40 Manure Separator Systems.
- 8 Sand Recovery Systems.
- 40 Flush Flume Systems.
- 3 Sand Flush Systems.
- 15 Box Channel Scraper Systems.
- 8 Barn Cleaner Cross Barn Transfer Systems.
- 145 Transfer Pumps.
- Over 100 Cable Scrapers.
- 18 Flush Systems.
- 16 Closed Loop Flush Systems for Holding Areas.
- 12 Bedding Master Bedding Recovery Systems.
- 2 Bio Lynk Flush Systems.
- 20 PTO Agitators.
- 2 Green Bedder Systems.
- 5 Flow Meters for Pumping Manure.
- 2 Tube Rider Scraper Systems.
- 19 Houle Manure Tanks.
- 11 Manure Presses.
- 5 Sunova WorX Control Systems.
- 16 Slurrystore Positive Containment for Manure.

BUTTER CRISIS

Lars Galtung, heads of communications with "Tine", Norway's biggest farm owned co-operative, reports that his countrymen really like their butter. So, when a shortage of butter in Norway occurred recently, it wasn't surprising to discover that many people were very concerned. A wet summer that hurt the quality of feed led to a reduction in milk production. That coupled with an increase in Norwegians following a fat rich diet, meant supply did not meet demand. Butter was selling at about \$13 per half pound, about 4 times the normal price.

April 22 Coffee News

TANDSMOR (tooth marks)

Believe it or not, "tandsmor" is a Danish word for tooth butter. What it is - is butter spread so thickly that the butter reveals tooth marks after biting into it. Both these stories explain the peoples love for butter and certainly their disdain for the "fat tax" introduced a year ago. Try Tandsmor at home.

COW TEMPERATURE

A study by researchers at the University of Arizona and Northwest Missouri State University shows that standing and lying behavior can predict heat stress in cows. Cows will pant, eat less and produce less milk when their core body temperature increases, and cows prefer to stand on hot days. Cows stand to allow more of their surface area to disperse heat into the air. Researchers were curious to see if standing behavior could be used to predict core body temperatures. After comparing data from cows in Arizona, California and Minnesota, they concluded that standing behavior and core body temperature are strongly related. Cows stood for longer bouts of time as their core body temperatures rose from 101°F to above 102°F. Our Premium Chore Time Fans and 72" Cyclone SECCA Manifold Fans are now available to help alleviate cow stress and heat stress. (Acres USA)

STEWARDSHIP

Skyridge Farms of Sunnyside, WA, and other farms were honored with a US Dairy Sustainability Award from the Innovation Centre for US Dairy.

This program annually recognizes dairy farms and businesses of all sizes for practices that advance the industry to healthy products, healthy communities and a healthy planet. Reducing the environmental impact and improving profitability is the focus for a sustainable 21st century food system. Dan DeGroot of Skyridge

Farms, a 3200 cow dairy, won for his farm improvements in lighting, adding occupancy sensors, and installing a programmable logic control system. The management team can automatically control lighting, fans, soakers and flush system. Keeping the herd comfortable and saving 20% on energy has been the result.

Skyridge Farms also harvests composted manure nutrients, providing quality bedding for the herd and eliminating up to 600 loads annually (which was previously trucked away).

(May, Capital Press)

NEW PRODUCTS

- SS holder for fencing to administer Calcium.
- "Fresh Cab" natural smell absorber.
- Black coveralls with purple trim for girls.
- \$140.00 Hose Nozzle (Heavy Duty).
- Heavy duty acid wash for pipeline washers (Excell).
- New control for Daritech pasteurizers and a new 90 Gal. model.
- Drop and lock for pumps.

TOUR

Thanks to the dairymen who attended our tour to flush dairies in Eastern Washington. We toured the following farms: Tom DeVries, Dick Bengen, Five D Farms, Mensonides Dairy, J & K Dairy, Liberty Dairy and Oord Dairy. Bio Lynk flushing was the highlight of the tour.

UDDER SINGE AVAILABLE

(FREE USE OF APPLICATOR)

Benefits of the Udder Singe:

- Improves sanitation.
- Reduces mastitis.
- Helps in lowering somatic cells.
- Lowers preliminary incubation count.
- Accelerates your milking line time.
- No stress to cows.
- Shortens pre-milking routine.
- Requires less water.
- Cleaner cows.
- Less water retention.
- Less drying.
- Reduced heat flame.
- Another tool for SSC War.

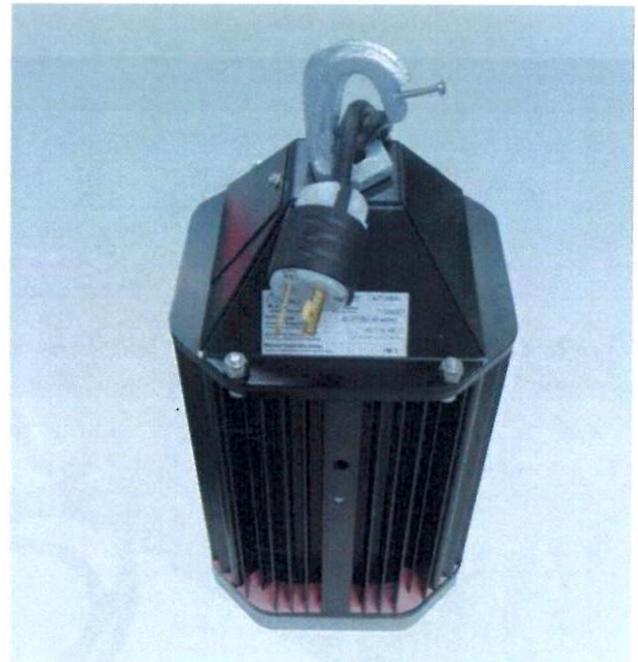
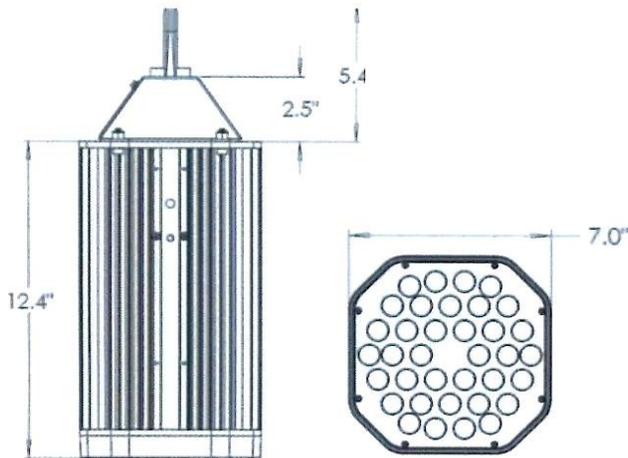
GEA Altus LED Luminaire

Superior efficiency with maximum durability

- Optimized design to produce efficacy of up to 100 lumens per watt.
- Waterproof and corrosion resistant.
- 10-year warranty.

Designed for all of your dairy's needs; ideal for high bay and low bay applications

- 7" diameter (anti bird roost).
- Modular hook cord design.
- Voltage sensing driver 120-277.
- Cool "White Light."



80W and 120W available with spot or wide distribution.
Mounting range is 12-25' in height.

State-of-the-art hollow extruded aluminum body.

- Waterproof: IP69K submersible rated.
- Resistant to corrosion and high impacts.
- Temperature ratings — from -40°F to +113°F.
- L70 rated for >100,000 hours; DLC certified.
- Superior vertical heat sink for maximum heat reduction.
- 10-year warranty.

Designed and engineered optics — for precise light control; no light pollution.

Engineering and design services — are available to meet specific customers needs.

Optional, automated control — can include scheduled on/off, daylight harvesting, or nightlight switching. Eliminates human error and provides energy savings.

