

Pre-milking Udder Preparation Critical For Quality Production

Pre-milking hygiene, a critical component of mastitis and milk quality programs, should fulfill the following requirements:

- Remove all visible soil from teats and base of udder.
- Reduce contamination of the milk.

- Not carry pathogens from cow to cow or from teat to teat.
- Not add chemicals to the milk.

- Not cause skin irritation or other adverse effects.
- Be practical to use in the milking routine.
- Add to the image of hygienic methods in food production.

There are several methods of pre-milking udder preparation.

The success of teat and udder cleaning depends not only on the method used, but also on how carefully the method is carried out. Udder preparation should not be ritual only!

The milker must pay close attention to the teats during cleaning, concentrating on the lower part of the teat. Teats should be dry prior to milking.

Teat cleaning should also be combined with stripping fore milk.

Discarding and examining the first few streams of milk can make it possible to check for clinical mastitis and help lower bacterial counts.

The strength of the disinfectant should be carefully controlled.

Too high a concentration can cause serious skin irritation, leading to possible milking difficulties and mastitis. Strong solutions also add to the risk of residues in milk.

International Dairy Federation Bulletin No. 247 (1990)

Dairy Fun Night At Farm Show
HARRISBURG (Dauphin Co.) — On Monday, January 7, 1991, visitors to the 75th Pennsylvania Farm Show can witness government officials at work as they compete in various "dairy related" competitions. The first-ever, "Dairy Fun Night," will celebrate Pennsylvania's number one agricultural industry and provide entertainment for show visitors of all ages.

For the fun night, the small arena of the farm show complex will be the stage for a myriad of contests including celebrity cow milking and butter making, ice cream churning, calf dressing, celebrity cow judging, and dairy jeopardy. The evening will conclude with the construction of a 100 foot banana split.

At the start of the evening, celebrity teams will first milk a cow, and then, make butter from the milk collected. The winners will be the team with the lowest combined time for the two activities. Various government officials have been asked to participate in this entertaining event.

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 12/18/90 and 12/25/90

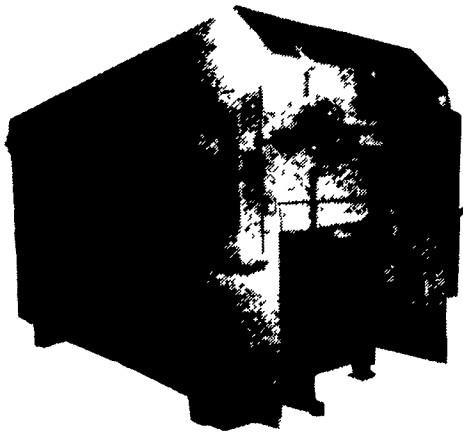
Number of Herds Processed	1,347
Number of Cows Processed	78,441
Number of Cows Per Herd	58.2
Milk Per Cow (Lbs)	17,379
%-Fat	3.66
Fat Per Cow (Lbs)	637
%-Protein	3.18
Protein Per Cow (Lbs)	553
Average Days in Milk Per Cow	316
*Value for CWT Milk(\$)	14.63
*Value for CWT Grain(\$)	8.09
*Value for CWT Hay(\$)	4.40

*Value for CWT Silage(\$)	1.53
*Value for Pasture Per Day(\$)	.30
*Value for Milk Per Cow Per Year(\$)	2,543
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,005
B: Hay	2,513
C: Silage	14,689
D: Day Pasture	68
*Feed Cost Per Cow Per Year(\$)	
A: Grain	566
B: Hay	110
C: Silage	225
D: Pasture	21
*Total Feed Cost Per Cow Per Year(\$)	924
*Income Over Feed Costs Per Year(\$)	1,619
*Grain to Milk Ratio	1:2.4
*Feed Cost Per CWT Milk(\$)	5.32
Avg Level For 1,103 SCC Herds	335,239
*Member generated figures	

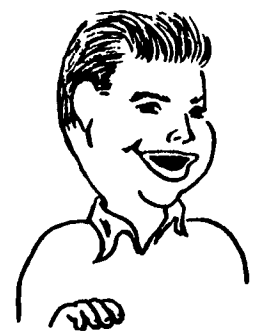
sending a self addressed and stamped envelope to the PDPP, 2301 North Cameron Street, Harrisburg, PA 17110.

The construction of a giant banana split will close out the evening activities. The audience will see volunteers and dairy princesses build the creation and then enjoy free samples.

THE BIG, BOLD, AND BLUE BRUTE IS STILL ON A ROLL!



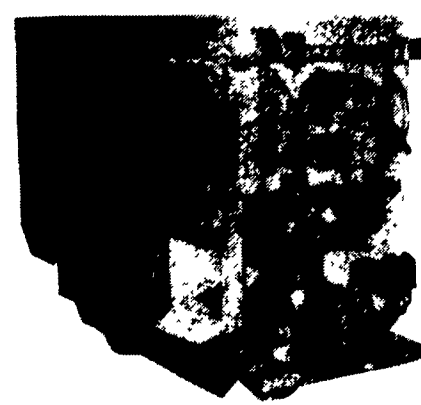
The success of and demand for the Rissler TMR Cart was nearly phenomenal and gratifying to say the least. Our inability to meet customer demands is evidenced by our continual list of back orders.



Sylvan Says...

The Growth Of This Division Was Enhanced By Market Openings In Other States.

We want to wish all farmers out there a prosperous New Year and want to especially thank the hundreds of farmers that placed their confidence in a Rissler Mixer or Mixing Cart and purchased them. Our goal is to make you a product of the highest quality and largest wearing capabilities with the least amount of service at a fair price.



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We Will Be In The Main Arena This Year**

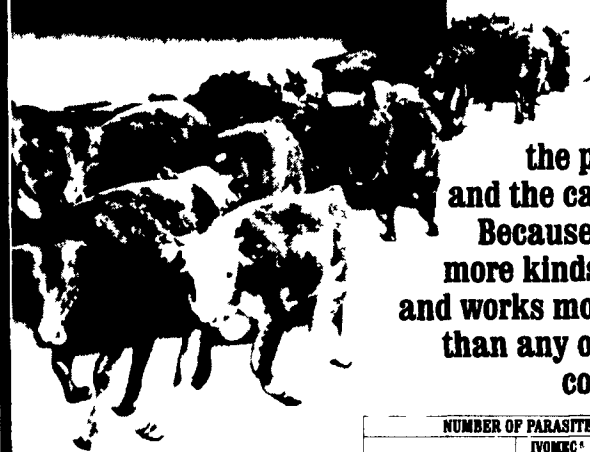
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MATURE WORMS	13	9	—
IMMATURE WORMS	11	0	—
LICE	3	—	3
GRUBS	2	—	2
MANGE	2	—	0
TOTAL	31	14	—



Don't just think of what it eliminates, but what it creates.

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