



R. W. Sauder Inc., Lititz, held their second bi-annual recognition banquet April 20 at the Willow Valley Restaurant, Lancaster. Raymond Sauder, (Center, right) president, presents a watch to Charles Hollinger and congratulates him for 20 years of service. Looking on are: (left to right) Tom Burkholder, Reuben Horning, five years, cross pen and pencil set, Ken Gibble, 15 years, a camera and

Luther Staats, five years, Cross pen and pencil set. Absent when photo was taken were Marie Shenenberger and Henry Merklinger, five years. Thirteen additional employees were also recognized for their service. Entertainment for the evening was an inspirational film "America the Beautiful" presented by Mrs. Glenn Eshleman. Glenn Sauder served as Master of Ceremonies.

## Sodium bicarbonate in grain may increase milk production

Results of recent Kansas State University tests show that feeding sodium bicarbonate (bicarb) with processed grain to the average dairy herd can provide sufficient milk increases to make its use economically feasible. The results are most promising with high-producing cows.

Reporting on his study at the Southeast Kansas Branch Experiment Station at Mound Valley, Wesley Ibbetson said high-producing cows - those producing 50 lbs. or more milk daily at the start - gave 5.07 pounds more fat-corrected milk (FCM) daily on the 1.6 percent sodium bicarbonate - supplemented ration than controls.

That was an 11.8 percent advantage. At the current Kansas price of \$10 per 100 - pound FMC, he figured the advantage at a 50-cent return for three cents invested in bicarb.

Thirty-six lactating Holstein cows were on test for 16 weeks under practical dairy feeding conditions. The groups were rotated so that all cows were eventually on all three diets during the four periods. They were fed a normal ration of 20 pounds flaked milo plus corn silage

and hay. One ration was supplemented with 1-3 pound (1.6 percent) bicarb and another with one pound (five percent) bicarb.

When the low and medium producing cows were included with the high producers in the 36-cow study, the 1.6 percent bicarb level increased milk production by 1.1 pounds per cow daily over the controls. This represented a return of more than three times the investment in bicarb.

Overall, at the 1.6 percent bicarb level the cows - consumed 2.5 percent less grain, ate 10 percent more silage and 26 percent more

hay, compared to controls. Percent milk fat increased from 3.68 to 3.75 percent for the complete study, and from 3.48 to 3.63 percent for high-producing cows on 1.6 percent bicarb.

Ibbetson concluded from results of this study that "for even the average dairy herd the feeding of sodium bicarbonate with processed grain would provide sufficient milk increase to make its use economically feasible." He added that he would expect the largest response and economic return from high producing cows in early lactation.

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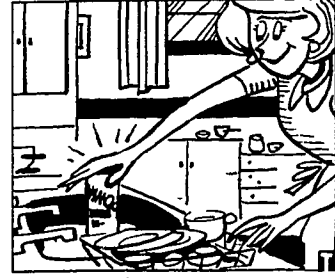
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## Homemaking Tips

For Safety & Economy

**Take Preventive Action**  
"An ounce of prevention is worth a pound of cure" may be a well-worn adage. But when applied to household chores, it's a well-tested fact of life.



Below are a few examples of simple tasks that quickly get out of hand. You'll probably be able to think of additional items that belong on this list. Keep these and similar chores under control before problems set in, and you'll find your days run

much smoother and with less effort:

**Sew loose buttons** before they fall off; polish the silver before it tarnishes; clean the "works" of your coffeepot before they get really discolored.

Clear leaves and dirt out of your gutters before they overflow; sprinkle sand or salt on your walk and driveway right after you finish shoveling the snow—and before the ice forms.

Clean kitchen and bathroom drains weekly with Drain Power, the one-second drain opener that contains no dangerous lye or acids, to prevent sluggish drains and avoid difficult clogs.

Have your chimney cleaned and sweep out your fireplace before your first winter fire; vacuum your draperies frequently and have them dry-cleaned before dust has the chance to wear away the fibers.

So, take a little advice from the household sages and take preventive action to avoid disasters around your home.

## THE GOOD WORD

from the Bible

The voice of him that crieth in the wilderness, Prepare ye the way of the Lord, make straight in the desert a highway for our God.

Every valley shall be exalted, and every mountain and hill shall be made low: and the crooked shall be made straight, and the rough places plain:

And the glory of the Lord shall be revealed, and all flesh shall see it together: for the mouth of the Lord hath spoken it.

Isaiah 40: 3-5

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3. The Therma.Stor saves the milk heat that common bulk systems throw away.
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  - a. For Example: If you have two 3 Horse Power compressors that usually run for 2 hours at milking time, by the time the compressors shut off you can expect 50 gallons of 165 degree water. There are separate outlets for the 110 degree and 165 degree water. That means you can wash your pipeline and perform general cleanup at the same time all with the hot water from the Therma.Stor.
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7. You also get the worry-free reliability of stainless steel construction.
  - a. The storage and heat exchanging sections of the Therma.Stor are made entirely of stainless steel. Instead of corrosion problems due to adverse local water conditions, you get peace of mind because your Therma.Stor will still be trouble free and going strong years after it has paid for itself.

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