



**GLENN'S
UDDERINGS**

By
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stuff in only a few minutes. Thus, it is important to have a way to provide cows with fresh air when power failures occur. This may involve: 1.) using a stand-by generator, 2.) opening windows and doors or 3.) letting cows out of the barn. And, these emergency procedures are necessary whether you are at home or away from the farm.

**Chopping Bedding—
A Potential Fire Hazard**
One easy way to bed cow stalls is to use a chopper to chop and

blow bedding (straw, paper, etc.) into the stalls. If the bedding is dry, this can be a dusty process. All that is required to create a barn fire in this situation is a spark from the engine's ignition system, a spark created by foreign objects accidentally going through the chopper, or by dust or fuel contacting a hot manifold.

To reduce these risks, chop the bedding in a safe location and haul the chopped material to the stable. The chopped material will be difficult to handle because it is so light and fluffy; baling or bagging

the material makes it easier to handle. To reduce the dust, dampen the material as it is being chopped. Damp bedding is very difficult to chop. If the wetting is done at time of chopping, the bedding will not have time to absorb much moisture before being chopped and chopping will be easier. Always have a functional fire extinguisher on the chopper and be sure everyone knows how to use it. Another alternative is to buy paper already chopped.

Penn State is an affirmative action, equal opportunity university.

Annual Thurmont, Emmitsburg Community Show Set

Silage Making Window Narrows In Hot Weather

For several months, I have used this column to show how DHIA data can be used to make more informed herd management decisions. This week I'm taking a break from the numbers to focus on some other timely topics.

The quality of corn silage is determined largely by moisture and maturity at time of harvest. How long it takes a crop to reach maturity is determined not so much by days since planting, but more by the heat units that existed during the growing season. In other words, the hotter the growing season, the faster the crop will mature.

How does this relate to harvesting corn for silage? Basically, hot weather shortens the amount of time we have to harvest the crop and still maintain its quality. We have had a lot of hot days and hot nights in recent weeks, and corn has matured very rapidly. The time required for it to pass from a green succulent stalk with soft milky kernels to a mature dry stalk with fully dented, hard glazed kernels is considerably less in hot weather than in cool weather. In cooler weather, it seems like it can take forever for the crop to mature and dry down enough to ensile.

For optimum quality, the kernels should be dented and the milk line should be about halfway down the kernel. At this stage, the crop is near maturity and has accumulated about as much energy as it ever will. The kernels are not overly hard and the stalk should contain enough moisture for good packing and for good fermentation.

For upright silos, aim for a moisture content of about 60-65%. For bunker silos the ideal

range is about 65-70% moisture. Maintain a fairly coarse chop so as not to destroy the effectiveness of the fiber in the crop. If moisture levels are less than 60% a finer chop may be necessary for good packing, for good fermentation, and for improved digestibility.

Check your corn fields now and be ready to chop when the crop is at optimum maturity. If your silage corn has become too mature and too dry, you may want to harvest it as grain and chop other fields, either yours or your neighbors, for silage. As you are checking corn fields also check your grain fields, especially the centers of the fields, to see if hot weather has adversely affected their pollination. The best way to salvage a poorly pollinated field is to ensile it, in which case, you may want to harvest your silage corn for grain.

Fields that are drying down rapidly and not earing out well due to drought stress might be better harvested as silage rather than as grain. Silage from these drought stressed fields might have elevated levels of nitrates. Testing for nitrates will help you utilize this silage to best advantage in your feeding program.

Don't Let Cows Suffocate
Tunnel ventilation systems have become a popular way to help improve cow comfort during the hot days of summer. It involved putting a lot of fans in one end of the barn to create a comfortable 3-5 mph breeze and to have a rapid exchange of air in the barn. To accomplish this, it is necessary to close all air inlets along the side walls so all the air is pulled in the end of the barn opposite the fans.

This works quite well — when the fans are running. When the power fails (electrical or diesel) the barn can become very hot and

THURMONT, Md. — This year marks the 37th anniversary of the Thurmont and Emmitsburg Community Show scheduled for Friday, Saturday and Sunday, September 10-12 at Catocin High School.

More than 2,500 farm and garden, household, quilt, livestock, machinery and commercial displays can be seen during the three-day event.

Each year, the community show honors an organization for its contributions to community life. This year, the show will be honoring Frederick County Sheriff personnel in the Catocin School area.

The show opens to the public on Friday, September 10. At 7:30 p.m., the Catocin High School Band will render several selections in the auditorium followed by the massing of flags by community civic organizations. Carolyn Wiles will sing several songs during the program. The highlight

of the program will be the announcement of the 1993-1994 Catocin FFA ambassador.

Following the program at 9 p.m., an auction of all baked goods exhibited at the show will be held in the auditorium.

Saturday's activities include a pet show beginning at 10:30 a.m. and a beef, sheep, and swine fitting and showing contest from 10 a.m. to 2 p.m.

Thurmont Grange will serve a family style turkey and ham supper in the school cafeteria from 3 p.m. to 7 p.m.

Machinery will be displayed throughout the event, and music will be provided by "Catocin" from 6 p.m. to 7 p.m. and from 8 p.m. to 9:30 p.m.

The Catocin Area FFA Alumni Beef, Sheep and Swine Sale will be held in the Ag Center area at 7 p.m.

On Sunday, September 12, the

show opens at 10:30 a.m. with a dairy and goat show.

"Dash or Mash" pig, duck and goat races will be held by Merle Mills, a Montgomery County farmer. A K-9 dog show and demonstration will be held by Frederick County Sheriffs department.

The Catocin Mountain Horseshoe Pitching contest will begin at 1 p.m., and the cross cut sawing contest will begin at 2 p.m.

At 2 p.m. on Sunday, the Catocin FFA Alumni will have barnyard bingo on the athletic field.

During the three-day event, the Department of Agriculture and Hunting Creek Fisheries will have a aquaculture display in the ag-shop area.

The Toms Creek Church Quilters will be quilting in the quilt and afghan display room.

Several large ships will be on display by Dennis Da Silva and Paul Barbot.



**3rd Annual BENEFIT AUCTION to Support
THE CLINIC FOR SPECIAL CHILDREN**

Saturday, Sept. 18, 1993 9:00 A.M. Till ?

Held At **Leola Produce Auction**, Brethren Church Road, Leola, PA

From **Pennsylvania Turnpike 76**, Exit 21 Rt. 222 South to Rt. 772 East, turn left on Peace Rd., 2nd right to Brethren Church Rd.

From **Lancaster Rt. 23 East**, turn left (north) on Brethren Church Rd. between Leola and Bareville.

From **Rt. 30 East**, Right to Rt. 772 (Newport Rd.), West to Rt. 23, right on Rt. 23 (New Holland Pike), left on Brethren Church Rd. Auction is approximately 1 mile north.

• Quilts • Wall Hangings • Winross Trucks • Model Steam Engine • Crafts
• Lawn Furniture • Toys & Collectables • Gift Certificates
• Farm & Home Supplies • Dried Flower Arrangements

QUILTS

Center Diamond, Lone Star & Sunshine Diamond, with wall hangings to match. Also Country Sweetheart (applied), Broken Star, Sign Language, Angel Rose, Double Wedding Ring, Lover of Roses, Cross Stitch Quilts, Stars and Many More.

TOY TRUCKS, TRACTORS & COLLECTABLES

Hand Painted Milk Can with a picture of "The Clinic For Special Children", Large 1/16 Scale Case Cast Iron Steam Engine with Canopy, Handmade Wooden Dump Truck, Express Wagon, Handmade Dolls, Rocking Horse.

CRAFTS, HOUSEHOLD & LAWN FURNITURE

New S.S. Vitacraft Cookware Set, New Oak Rolltop Desk, Hickory Rocker, Glider Rockers, New Bernina 1000 Electric Sewing Machine, Cedar Chest, Hand Turn Bologna Slicer, New PVC Picnic Table, PVC Hot Bed, Mini Jelly Cupboard, Large Wooden Swing & Slide Sets, Knitting Machine, Vinyl & Carpet Remnants, New Porch Chairs - Swings - Benches, Dried Flowers, Pillows, Horse Collar, Clock, Chime Clock, Oak End Tables, Quilt Racks, Child's Rocker, Brooms, Clothes Trees, Much More.

FARM SUPPLIES, TOOLS, HARDWARE & MISC.

Pickup Truckload of Mixed Clover Hay, Certificate for Truckload of Ag Lime & Shavings, New Transport Gang Mower 50" Cut w/Pony Cart (sold separate), New Push Mower, Farm Gates, New Holland Running Gear, New Chain Link Dog Kennel, New Leather Driving Harness, Halters, Horse Blankets, New Carpentry & Garden Tools, New Steel Wheel Forecart, Smucker Lime Spreader, Horse Feed, Dog Houses, Garbage Can, Rabbit Hutch Sheds.

*All Kinds of Baked Goods - Chicken Bar-B-Q - Subs & Lunch Stand
Fresh Strawberry Pies - Soft Ice Cream - Soft Pretzels & Lots More!*

Quilts will be sold at 1:00 followed by Winross and collector's toys.

Come and enjoy the day with us. Here is an opportunity to help support this vital service for many special needs children in the area.

For donors bringing items directly to auction, the receiving hours are as follows: Friday, Sept. 17th 2:00 PM till ?, Sat. Sept. 18 till sale time.

For more information call: (717) 354-5415 or 626-4863
(717) 656-9694 or 733-2645

Terms by: Clinic For Special Children
Paul W. Horst AU-001122-L
and Local Auctioneers

The Clinic for Special Children in Strasburg, PA, is a non-profit medical research & diagnostic service for Amish, Mennonite and other children with inherited disorders.

In accordance with Pennsylvania law, we are required to advise you that a copy of our official registration and financial information may be obtained from the PA Dept. of State by calling toll free 1-800-732-0999 within PA. Registration does not imply endorsement.

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