

Round bale feeders cited

LITCHFIELD, Ill. — New round bale feeders from Worksaver, Inc., Litchfield, Ill., help save on feed costs by reducing hay waste. The 7' 9" diameter feeders hold either 1500 or 3000 lb. bales easily.

Because cattle can't trample partially consumed bales

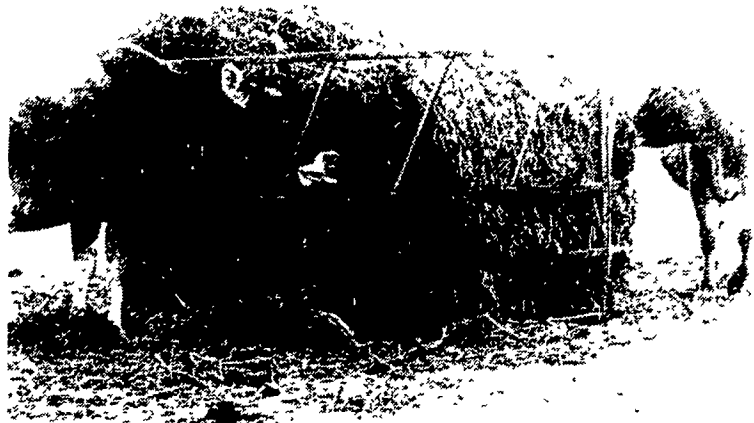
protected by Worksaver feeders, farmers can save up to one quarter on their feed costs. In addition, the round design gives cattle greater access to hay. Individual feeding stations assure a place for each animal.

One person can assemble the

three-section feeder in minutes, using only six bolts. The easy maneuverability of Worksaver's round bale feeders permits selection of the best feeding site and makes manure distribution automatic.

Worksaver offers feeders with either vertical bars or slant bars, which help minimize hay waste by slowing head withdrawal. Slant bar models also prevent aggressive animals from crowding and wasting feed. These models are available with an open or closed bottom (hay saver skirt). All models come in a choice of either 1" or 1 1/4" square tubing construction.

For more information about Worksaver's new baled hay feeders or complete line of baled hay handling equipment, contact Worksaver, Inc., P.O. Box 1000, Litchfield, Illinois 62556.



Cattle can't trample partially consumed hay bales with Worksaver round bale feeders.

Electrolyte balance needed

MINNEAPOLIS, Min. — Electrolyte balance should be taken into consideration when formulating rations for chickens, a leading animal scientist reported here recently.

Speaking at the Buffers, Neutralizers and Electrolytes Symposium sponsored by the National Feed Ingredients Association (NFIA) Richard Austic of Cornell University said that the proper balance of sodium, potassium and chloride in the diet can improve growth rate and egg shell quality.

Studies cited by Austic indicate that the optimum electrolyte balance (Na + K - Cl) for chickens is 200 to 250 milliequivalents per kg of diet. Most practical rations contain Na + K - Cl values of 140 to

180, so supplementation is necessary to increase the cation content.

"Increasing the value to 200 can be achieved by adding sodium bicarbonate or potassium bicarbonate," Austic said. "Reducing sodium chloride, and at the same time adding sodium bicarbonate, is another practical approach that may increase the Na + K - Cl value. However, this approach is limited, as at least some sodium chloride is needed to satisfy the minimum requirement for chloride."

Austic noted that these diets will increase water consumption, causing problems under some management conditions due to increased litter soil.

LOOK MISTER FARMER!



Heights To 120 Ft.

"The Farm Painting Specialist"

Quality Workmanship and Quality Materials have produced a proven list of satisfied customers since 1961.



for *Free estimate*

Amos Gehman

SEAL CRETE, INC.

RD 2, Ephrata, PA
717-859-1127

Protects livestock



keeps barns clean & sanitary

MARTIN'S BARN-DRI

Use in any stable or animal pen that has a tendency to become slippery when wet

- Cow Stables and Runways
- Hog Pens
- Sheep Stables
- Dog and Cat Kennels
- Chicken Houses
- Other damp areas

See your local dealer

MARTIN LIMESTONE INC.

CUSTOM MADE FEED BINS FOR FARMS — FEED MILLS



- Made of 13 gauge Steel
 - All welded seams
 - Gravity Flow or Auger
- Free Estimates

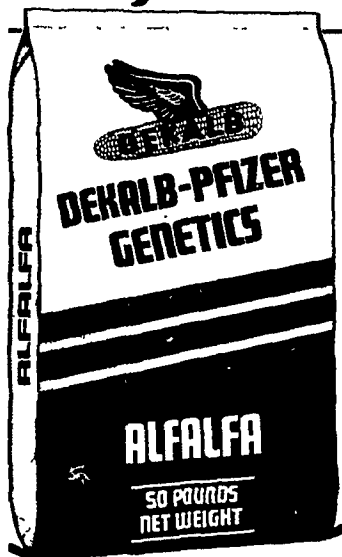
Also - Steel Roof Trusses for buildings - Portable Hog Buildings - Bucket Elevators - Grain Augers - Distributors - Flow Pipes & Accessories

We Sell, Service & Install
Ph: 215-944-7808

STOLTZFUS WELDING SHOP

Owner - Samuel P. Stoltzfus
RD 1011, Dryville Rd.
Fleetwood, PA 19522

We are **DEKALB-PFIZER GENETICS.**
We have the **alfalfa seed you need.**



DEKALB 120

- Establish this year for high yields next year.
- Consistent yield leader.
- Excellent Phytophthora root rot resistance.
- Fine stemmed and leafy for better feed.
- Long-term stand for higher returns.

DEKALB 130

- Establish this year for high yields next year.
- Exceptional yielding crop.
- Well adapted for this area, excellent regrowth.
- Lush, leafy and full of protein.
- Resistance to anthracnose; bacterial and fusarium wilt.

CONTACT YOUR **DEALER FOR TOP YIELDING ALFALFA**

DEKALB-PFIZER GENETICS

DEKALB is a registered brand name. Names and numbers indicate varieties. As a condition of sale please note statement of limited warranty and remedy on DEKALB-PFIZER GENETICS orders and tags.