



Sensenig's Sponsors Dairy Meetings

NEW HOLLAND (Lancaster Co.) — Sensenig's Feed Mill sponsored its annual dairy producer meetings recently at the Harvest Drive Restaurant near Intercourse. A total of 270 dairy farmers attended the three educational meetings.

Dr. Don Jaquette, a Central Soya Feed Company nutritionist from Decatur, Ind., discussed anion/cation balance and its role in a sound dry cow program. He introduced two new anion/cation products, Pre Lact PAC and Pre Lact Dry Cow Supplement.

Jaquette also discussed a new hay substitute from Master Mix called Dairy Ruff. It is a 3/4" pellet designed to be fed at the rate of 3 to 7 lbs. per head day, which provides an economical and convenient replacement for high priced alfalfa hay.

Central Soya Senior Livestock Veterinarian Dr. Jerry Stillabower discussed steps for improving feet and leg health and reproductive efficiency.

Sensenig's Feed Mill is a proud part and supporter of our local dairy industry.



Pictured above is Central Soya Senior Livestock Veterinarian Dr. Jerry Stillabower. Stillabower discussed steps for improving feet and leg health and reproductive efficiency.

Monitoring Takes On Great Significance

KANSAS CITY, Mo. — In light of concern regarding safe use of drug therapies in food animals, mastitis monitoring has taken on greater significance.

Though violative drug residues in milk are minimal due to producer awareness and the 10-point Milk and Dairy Beef Quality Assurance Protocol, clinical mastitis treatments remain the primary cause of the few violative residues that occur.

According to Jeffrey Reneau, DVM, MS, extension dairy specialist at the University of Minnesota, "Of the violative antibiotic residues found in Wisconsin bulk tank milk samples in 1991, 82 percent were the result of a mishap following treatment of cows for mastitis."

That's why Reneau, as chairman of the mastitis committee for the American Association of Bovine Practitioners (AABP), set out to create a system that would help dairy producers and veterinarians accurately record and track mastitis treatments. The resulting Clinical Mastitis Evaluation and Treatment Record debuted at the 1993 annual meeting of the National Mastitis Council in Kansas City, Mo.

The new guide was developed by Reneau and his AABP mastitis committee colleagues and sponsored by The Upjohn Company.

"The guide gives veterinarians a mastitis management tool that they can share with their clients," Reneau said. "It includes several 'master' recordkeeping sheets that veterinarians can duplicate and distribute to their dairy clients."

Reneau adds that the guides are a complement to the 10-point quality assurance program, be-



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cause Point #7 of that plan states that dairy producers should "maintain and use proper treatment records on all treated animals."

Three basic pools of information are recorded: daily herd treatment records, individual cow treatment and residue evaluation records, and clinical mastitis evaluation records.

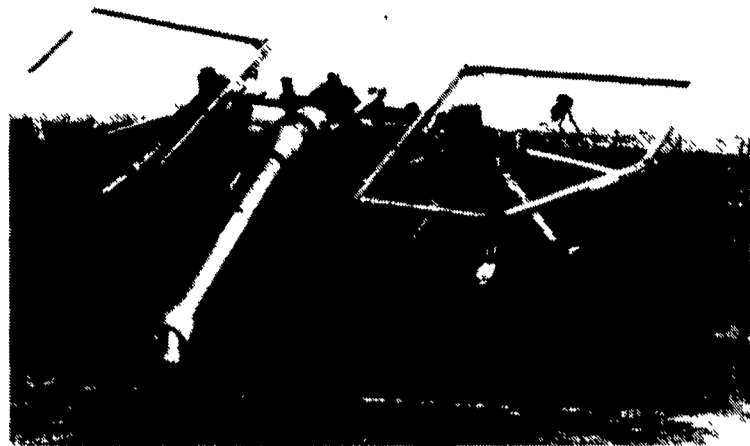
Reneau says the records are useful in tracking treated cows to avoid violative drug residues, as well as valuable in overall herd-health evaluation.

"By evaluating these records together, veterinarians and producers can pinpoint potential problems in the herd," Reneau said. "They may discover chronic cows that need to be culled or recognize trends in herd mastitis incidence that can be corrected through management."

Upjohn's sponsorship of the guides supports the firm's efforts to reduce the incidence of violative residues and improve herd performance, said Gary Heinrich, Upjohn's dairy product marketing manager. "The Upjohn Company is committed to helping dairy producers improve the health and profitability of their herds," he said. "The guide is a part of our 'Safe Food: It's My Business' program that promotes quality assurance."

Guides are available free to veterinarians, extension agents, university dairy specialists and dairy plant field representatives. Spanish versions are available upon request. For either version, write Joseph Burkett, The Upjohn Company, 9823 190 45, 7000 Portage Road, Kalamazoo, MI 49001.

Pull-Type Tedder Added To Line



GIBSON CITY, Ill. — M&W Gear has added a new 10-foot pull-type tedder to the M&W hay product line. The new model PT102 Tedder uses two rotors with six double tines per rotor to quickly separate the crop for faster drying.

Only a 15 horsepower tractor equipped with 540 RPM PTO drive is required. A slip clutch protects the drive line while big 16-inch x 6.50 x 8-inch tires roll over ruts and holes. Adjustments can be made in seconds without tools and maintenance is minimal. The 9-foot 9-inch working width can be quickly reduced to a narrow 6-inch transport width without the need of tools.

For more information, contact M&W Gear Company, 1020 South Sangamon Avenue, Gibson City, IL 60936.

Elanco Offers Needle-Teeth Clippers

INDIANAPOLIS, Ind. — Elanco Animal Health is offering a free pair of needle-teeth clippers and holster to hog producers who purchase Apralan® feed medication.

According to Brian Rittgers, manager of swine products marketing at Elanco, the offer will run from April 1 through May 31, 1993, with a limit of one pair of clippers and holster per customer.

Designed for clipping baby-pig teeth, the lightweight clippers can also be used for docking tails and for castration operations. Made of heavy-duty steel, the five-inch-long clippers feature rubber-coated handles for a secure grip. The clipper holster is made of stitched cowhide and can be worn on standard two-inch-wide work belts.

Apralan is a feed additive that was developed in 1986. It effectively controls *E. coli* scours in baby pigs, which can result in improved weight gains and feed efficiencies.

Elanco Animal Health is offering a pair of needle-teeth clippers and cowhide holster to hog producers who purchase Apralan® feed medication between April 1 and May 31. The lightweight clippers are designed for clipping baby pig teeth, docking tails, and in castration operations.

Calculate Nitrogen Credits To Lower Fertilizer Costs

GOLDEN VALLEY, Minn. — Corn growers can use nitrogen credits to reduce production costs if they plant corn in a rotation with alfalfa or soybeans. Northrup King agronomist Herb Damsteegt said with a good stand of alfalfa the previous year, corn growers can reduce nitrogen applications by 150 pounds per acre on first-year corn. Growers can also take a 50- to 75-pound nitrogen credit for second-year corn on the same field. Taking a late-fall cutting on alfalfa, however, reduces these nitrogen credits by 50 pounds per acre each year.

Soybeans also provide nitrogen for next season's corn crop. When corn follows soybeans, Damsteegt said growers can take a nitrogen credit equal to one pound of nitro-

gen for each bushel of soybeans produced the previous year.

Corn growers can subtract nitrogen credits after calculating their crop's fertility needs based on estimated yields. Damsteegt said growers should back those estimates up with a soil test. The best time to pull soil samples is in late fall, when the soil cools down and denitrification stops, or in spring.

Damsteegt said while the concept of nitrogen credits has been around for a long time, changing attitudes are causing increased interest. In the 1980s, growers were advised to add extra fertilizer to build up soil nutrient levels. In 1993, many growers will only apply the nutrients their crop will use.