

# Ask the VMD



Leon Riegel Tim Trayer Edgar Sheaffer

**A reader writes:**  
A few neighbors have had coccidiosis in their small goat and sheep herds. At the present, I have about 50 bred ewes and have not had trouble with the disease to date. But, if at all possible, I would like to be on the safe side.

Is there any vaccination for coccidiosis that I could safely use? Is this disease more of a problem in young animals than adults? Any other information on this would be most helpful. Thank you.

Charlotte Lippincott  
Woodstown, N.J.

**Dr. Sheaffer comments:**  
Coccidiosis in sheep and goats is an infectious disease of the intestinal tract caused by a protozoan parasite.

As a matter of fact, there are six species of this protozoan that may be pathogenic for sheep and goats. This culprit is a member of the genus, or family, that goes by the name Eimeria.

Unfortunately, this disease is more severe in young, growing stock. Adults are less subject to the disease.

As I describe the disease symptoms and treatments, keep in mind that what I say for sheep applies equally to goats.

A sheep owner usually becomes suspicious that something is wrong when the hind-quarters of the lambs

are soiled with manure. Further observation will reveal these lambs are depressed and are losing weight. Signs of active coccidiosis include diarrhea, intestinal hemorrhage, along with the weight loss.

Coccidiosis should not be confused with enterotoxemia type D, pulpy kidney disease, which has a higher mortality and affects the animals at a faster rate. your veterinarian will be able to help you to differentiate between the two diseases.

One major difference between the two diseases is enterotoxemia can be prevented by vaccinating pregnant ewes three weeks before lambing, and then vaccinating the lambs at four weeks of age with clostridium perfringens type D toxoid. However, there is currently no available vaccine for coccidiosis.

Lambs with a mild case of coccidiosis may have diarrhea and loss of appetite for only two or three days. Some of them will recover spontaneously without treatment.

Other lambs will have a severe infection with much straining and a dark, profuse, watery or bloody diarrhea. Severe infections require prompt treatment. Mortality in the severe group is commonly ten percent or more depending on timely treatment.

If the disease has broken

out in your lambs, consult your veterinarian for the recommended therapy

The following list of medications have been reported to be effective in treating the disease: sulfaguanidine, sulfamerazine, sulfaquinoxaline, amprolium, and arsanilic acid.

Management plays a large

role in the control of coccidiosis. Transmission of the disease is primarily by the contamination of lambs' creep feed with manure. Creep feeders should be designed so that they can be easily cleaned and disinfected, and readily moved from one lot or pasture to another.

Adult sheep often spread the infection in their manure droppings without showing any apparent signs of having the disease. If the lambs' feed is contaminated with this manure and the eggs of protozoan parasites it contains, the lambs are likely to contract coccidiosis.

I can't stress enough the

importance of rotating pastures and feed lots. In addition, the creep feed for your lamb crop should be of adequate quality to supply the needed energy, protein, vitamins (especially vitamin A), minerals and salt.

And if treatment becomes necessary, I have found coccidiosis has been successfully controlled in feedlot lambs by feeding one

gram of sulfaguanidine per pound of creep. This medicated feeding program should be started at weaning and may be continued for approximately four weeks.

If you have a question you would like answered by the team from Valley Animal Hospital, send it to Ask the VMD, Box 366, Lititz, PA 17543. Questions will be kept anonymous on request.

## CONTINUATION AUCTION

OF HECHT'S HARDWARE CO.

SATURDAY, APRIL 19, 1980

9 A.M.

At Bonnie Brae Auction Center, Rt. 724, between Spring City & Phoenixville.

Hundreds of boxes of bolts, nuts, screws, elec. wire, brass bolts, crop cords, sprays, polishes, hinges, socket sets, tool boxes, elec. switches & supplies, chain binders, vises, pipe fittings, valves of all kinds, many tools, wedges, sledge hammers, step & straight ladders, cast iron grates, coal buckets, thousands of files & rasps - in fact, everything in the hardware line. Down spouts, galv. pipe, pots & pans, etc.

**SPECIAL MENTION:** One trailer load of bolts, approx. 15 tons, to be sold by the pound - take whole load, at 2 P.M.

All roads lead to Bonnie Brae April 19, for hardware bargains! Do not miss this sale! Will start promptly & go until 6 P.M.

By order of  
**HOWARD MONTGOMERY**

Hess & Moyer, Aucts.  
489-7127 & 948-8050

## PUBLIC SALE

ANTIQUES — PENNA. GERMAN SOCIETY VOLUME COINS — EXCELLENT GLASSWARE & COLLECTIBLES — FORD STAKE BODY TRUCK — GUNS OAK FURNITURE — BUTCHER EQUIPMENT

SATURDAY, APRIL 26

at 10 A.M.

LOCATED — Near Village of Friedensburg on Route 443, approx. 1 mile west of Route 183 and 9 miles east of Pine Grove in Wayne Twp., Schuylkill County, Penna.

TRUCK at 1 P.M., BUTCHER EQUIPMENT: 1962 F-600 14 ft. bed overhauled engine approx. 2000 miles, 8 hole pig feeder, chicken crates, 3" Rd. cresoed post, iron kettles, sausage stuffer, knives, butcher box, 48 gal. kettle w/jacket, feed cart.

ANTIQUES AND COLLECTIBLES: Mech. Bank (Eagle & Eaglettes), iron lion bank, Amos & Andy ash tray, beer trays, rd. oak table, ornate sideboard, 7 ft. oak ornate marble mantle hall mirror, 8 day mantle clock w/cherup pillars, old picture frames, 6 oak pressed back chairs, old rockers and chairs, camel back trunk, ornate iron baby crib, piano stool, benches, grain cradle, milk cans, dec. Enterprize crank cabbage cutter w/bench, coal oil lamp w/reflector & bracket, finger lamp, Ray-O-Lamp, butter mold (wheat), sadirons, Morgan adv. lard tins, old coffee grinder, powder horn, cast iron pots and pans, waffle iron, 2 cheese sieves, bottle capper, old records, old Bible and Penna. German Volume XVII precedings at Allentown November 2, 1906, Volume XV Germantown October 25, 1904.

GUNS, COINS, GLASSWARE: West End 12 ga. double-barrel hammer, 12 ga. Stevens double-barrel, pre 1900 silver dollars, other silver coins and partial books, carnival, opalsent, depression, goofus, German mustache cups, dec. washbowl & pitcher large, blue dec. crock, redware, bisk & chalk, flow blue dish, many other items too numerous to mention. Sale under roof.

**NOTE:** Quality and selection of merchandise you won't want to miss!

**TERMS:** Cash or app. check.

Owner reserves right to reject any or all bids.

Not responsible for accidents.

Lunch Available

Sale ordered by  
**HARRY BOWEN**

JAY RIEGEL JR., Auctioneer  
717-739-4718

## PUBLIC SALE

OF

360 HEAD LIVESTOCK

Located 5 miles North of Chambersburg, Pa. and 5 miles South of Shippensburg, Pa. on Route 11.

SATURDAY EVENING,  
APRIL 19, 1980

6:30 P.M.

260 HEAD OF HOLSTEIN HEIFERS 260

Consisting of 60 bred heifers and 15 2nd calf heifers of which some will be fresh by sale, balance from sale to summer freshening.

185 open Holstein heifers ranging from 3 months of age to breeding age with over 100 being calfhooed vaccinated; 3 Registered Holstein bulls; 1 Grade Holstein bull, service age.

100 HEAD STEERS 100

Consisting of 50 Holstein and 50 beef type including Charolais, Black White face, Angus and Hereford weighing approximately 300 to 700 lbs.

This is a fine group of young cattle out of good breeding. All dehorned and wormed, bangs and TB tested within 30 days of sale with individual health charts. All heifers are eligible for interstate shipping.

STEERS TO BE SOLD FIRST.

Terms—Cash. Not responsible for accidents.

**JOHN C. DIEHL**

Auctioneer—Robert C. Mullendore  
Clerk—C. L. Metz

Cattle to be sold in tent.

3 DAY

## PUBLIC SALE

6 TRACTORS, TRUCKS, FARM MACHINERY, IH IMPLEMENT & TRACTOR PARTS, ETC.

Estate of Frank Bartlow, Sr.

At Chestnut St., Millville known as Frank Bartlow Farm Supply & IH Dealer since 1940.

THURS., FRI., & SAT.,  
APRIL 17, 18, 19

Starting 5 P.M. Thurs. & Fri. Eve. Sat. 10 A.M.

Farmall M Tractor, nice; 2 IH 330 G Utility Tractors w/front end loaders, 1 w/backhoe, 1 w/org. rubber, only 1317 hrs.; IH T6 Crawler w/belt pulley; Cat 933 G Dsl. Turbo Crawler w/hyd. front end loader; Farmall Cub Tractor w/elec. start. nice; Machinery to fit Cub includes 2 way 12" Plows, right 12" plow, 2 4 1/2' side mount mowers; brand new Columbian 8 h.p. 26" riding mower, w/rear bagger; 69 Ford 20' self contained Motor Home, low mileage; 63 IH V-220 10' dump truck, 5-2 spd.; 66 IH Scout Station Wagon w/Myers 7' blade, 20,000 miles; 54 IH 3/4 Pickup; 51 IH L150 flat bed truck; 56 IH S160 truck w/950 gal. 4 compartment fuel tank; 8' metal dump box; new IH 240 Motor block; Farmall Cub engine for power unit; Plows include: 4-14 trailer, 3 14 3 pt., 2 14 trailer; 10' Harrow; Threshing Machine; Old corn husker & Shredder; 2 1 1/2 ton floor jacks; Mechanical press; 1/2" hand drill press; sleeve pullers; plug cleaner; Magneta tester; Honing machine; valve grinder; valve refacer; bench vises; port kero. heater; tractor mufflers; new live PTO for 300 series; Lots of Machine & Carriage bolts; plow parts; mower & binder parts; steel & roller chain; implement tubes & tines; 40' coal conveyor w/5' auger; bell telephone truck w/double drum winch; 3 house trailer axles; saddle tanks; 5 tier metal circular nail bin; many more implement & tractor parts; lovely old high wooden wheel Millville wagon; other old high wooden wheel wagon; spring wagon; old decorated Bobsleds w/box made by John Eves, Millville; Unusual min. bobsleds by John Eves; National elec. Cash Register; Wheel-dex Card File; Several display racks; Hundreds more items.

Sale Order; Thurs. & Fri. Eve Parts & Mechanical Equipment. Sat. Large Items & Bal. of Inventory.

Exe. Frank (Tubby) Bartlow,  
Grace Hunter.

Auct. Max Fraley & Son,  
546-6631

Lunch

Sale inside

## GAP AUCTION

FRIDAY EVE., APRIL 18, 1980

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS

SOLD AT EVERY AUCTION.

CONSIGNMENTS ON MONDAYS

FROM 8 00 A.M. to 7 00 P.M.

OTHER DAYS BY APPOINTMENT

Call us for pick up service

**IRA STOLTZFUS & SON, Auctioneers**

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

## PUBLIC CONSIGNMENT SALE

SATURDAY APRIL 19, 1980

Starting at 9:00 A.M.

Located 2 1/2 miles North of Carlisle along Rt. 74. Will sell the following.

Tractors, Balers, Combines, New J.D. 12 ft. Chisel Plow, other Plows, Harrows, disc harrows, corn planters, hay conditioners, side rakes, wagons, chuch wagon, elevators, manure spreaders, chain saws, poultry equipment, dairy equipment, lumber, tin, wagon load of small items, pick up truck

PIGS

70 HEAD OF FEEDER CATTLE

Holstein Heifers, Steers, also Angus Charlois & Hereford.

No Consigned Cattle.

**WICKARD BROS.**

1690 Waggoners Gap Rd.  
Carlisle, Pa.

Auct. Robert Mullendore  
Terms Cash or one way check  
Phone 243-1018 or 243-4305