

Noorlander

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benefits of a daily with good practices and a low line, 13 inches of mercury or less, a 60-40 ratio or 55-45 on other standard rubber, alternating pulsations, and narrow bore soft liners.

Asked throughout the day for his opinion on the best equipment to use, Noorlander gave these guidelines to follow, when selecting inflations.

1. The rubber should be soft.
2. Narrow bore liners should be used. The bore should not exceed 7/8 inch in diameter. A narrow bore inflation will milk below the udder tissue without crawling up

the udder. It will reduce the area of the teat that is exposed to vacuum.

3. The inflation should stretch.

To the dairymen, Noorlander gave his unbiased findings and opinions. When he knew of a problem with one particular design, he named the company or the inventor, even if it was his own invention. He also stated that if he were to attempt to put together the best machine today, it would consist of parts from each of the major milking machine manufacturers.

Noorlander cited several problems with pulsations and milk tubes. "It's almost impossible to avoid mastitis in a barn using a surge bucket milker if you're going to milk a cow with a low udder," he said. "You bend that milk tube over, your vacuum goes up and you're going to have tremendous pumping action," he described.

Noorlander explained that when the pressure increases on cows teats, the blood gets congested and it is much easier to have bacteria pumped up the teat by the pulsation. The higher the vacuum and the longer the machine stays on the cow, the easier it is to pump bacteria back up the teat according to Noorlander. He recommends that dairymen use lower vacuum levels, with alternating pulsation of 60-40 ratio. He also stressed keeping pulsation boxes clean and properly maintained. A pulsation shut-off valve should also be used and vacuum regulators should be checked.

Also discussing high leucocyte counts and proper refrigeration, Noorlander said, "all these contribute to poor milk quality." "If you suspect you have a problem, don't wait for your plant manager, check it out," he stressed. "Sit there and watch," he continued, "it's the simple things."

He reminded dairymen to make sure air vents are open, the ferrules in the claw are clean, and the vacuum pump is big enough to remove the air promptly. Noorlander advised 11 to 12 inches of vacuum. He stated that the size of the pump depends how much air the operator lets into the system. For claw units with some fall-off, he advises one horsepower for every machine. A good operator could get by with one-half.

"I think it's time the dairy industry starts challenging the milking machine manufacturers," Noorlander said.

He continued to stress to dairymen when they have a problem to check techniques - twisting macines when removing them or removing in a rough manner add to mastitis; check

equipment - proper cleaning with the correct cleaners and proper maintenance saves money; and question something that does not do the job the way it should - teat end damage and high somatic cell counts are signals.

According to Noorlander, the major companies are making progress and new and better machines are being developed every year. But, he added, many dairymen have more cows than they can handle properly. In producing a quality product, the environment must also be healthful. Proper equipment and techniques are defeated in a stressful, dirty, environment. "If you haven't got the time to do it right, when are you going to get the time to do it over?" he asked the farmers.

Noorlander has become increasingly involved in helping impoverished countries do a better job of farming. He is currently helping Guatemalan farmers to improve their soil conditions and plans to return there later this year to continue his work. He also plans to join the Peace Corps to continue his efforts. "We take for granted the tremendous things given to us by technology in this country," Noorlander told dairymen in his closing remarks. He finished his presentation with slides on the Guatemala natives and their farming practices.

Pa. Ayrshire breeders to meet

CARLISLE — The Pennsylvania Ayrshire Breeders Association will hold its annual dinner meeting, March 17, beginning at 10 a.m., at the Embers Convention Center off Route 11 in Carlisle.

During the meeting, the association will receive reports from last year's meeting and the National Ayrshire Association. Plans will be discussed for 1984 events including the Ayrshire Field Day. Also, officers will be elected and plans will be made for the 1986 National Ayrshire Convention to be held in Pennsylvania.

All Ayrshire breeders are welcome to attend and join the Pa. Ayrshire breeders Association at an annual dues of \$10. All interested persons are asked to contact Milt Brubaker, 595 Snyder Hill Rd., Lititz PA. 17543.

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS
HORSE FARM EQUIPMENT, TOOLS
THURSDAY, MARCH 8, 1984
at 10:00 A.M.

Loc. along Bridge Valley Rd., RD#1 Pequea, PA (take Rt. 324 south of Lancaster to Martic Forge Hotel; turn left onto River Rd.; turn right onto Bridge Valley Rd.; go about 2 miles to sale; watch for signs)

Perfection kerosene stove, Mealmaster coal cook stove, Seminole coal heatrola. Furniture in: pine, walnut, oak, mahg., iron, plank bottom, wicker, uph., etc. Seth Thomas mantle clock. Picture frames & mirrors. Crocks & jugs. Articles in: butchering, iron, tin, copper, agate, wood, etc. Lamps: 2 Rayo, oil & bracket. Glassware & China in: pressed, German, pink & green dep. Jap., ironstone, & everyday. Misc. household articles. Horse Equip.: manure spreader, grain drill, plows, planters, rakes, roller, sleigh, wagons, mower, harrows, collars, blankets, hames, harness, shoes, single & dble. trees, etc. Farm, garden & hand tools. Lumber: Good Oak: 18' boards, 18' ong: 2x4, 2x6, 2x8, & 4x4. Other lumber, etc. Scrap iron, 4 ton of straw. Other misc. articles not listed.

No Out Of State Checks.

Not Responsible For Accidents Day Of Sale.

Food Served.

Sale by

MRS. GUY B. SELLERS

HOWARD SHAUB 464-3541

and Roy C. Probst

Auctioneers (AU-000831-L)

JAIMORE FARM PUBLIC AUCTION

TRACTORS FARM MACHINERY
THURSDAY, MARCH 22, 1984
11:00 A.M.

To be held on the premises located at Rehrersburg, Tulpehocken Twp., Berks Co. From route 422 go north on rt. 419 to Rehrersburg, turn south at Webber Chrysler-Plymouth onto Teen Challenge Road to crossroad, turn right to first lane on left. From 178 exit at Bethel onto rt. 501, left to Rehrersburg and turn right at Webber's Garage and continue to sale site.

INTERNATIONAL 1066 DIESEL

Wide front - 23.1x34 rear tires - 2900 hours

International 574 utility diesel 2 - Farmall M's
1300 hours - 16.9x30 tires

INTERNATIONAL 2250

loader with manure bucket

PLANTING & TILLAGE EQUIPMENT

INT. 800 - 4 row plate corn planter with insecticide attach. (new '82); Century transport boom sprayer with 300 gal. fiberglass tank (new '82); IH 560 semi-mount 5-16" plow; New Idea 213 manure spreader; Oliver 253 - 36 disc transport harrow; JD 17x7 FB grain drill and Farmall H cultivators.

INTERNATIONAL 1250 GRINDER MIXER

hydraulic auger - real nice

HARVESTING & HAY EQUIPMENT

New Holland 315 Hayliner baler with 58 thrower; Zimmerman 36' bale elevator; Int. 7-990 mower conditioner; Int. 650 - 1000 rpm harvester with 2 row narrow corn head and pickup attachment; Grove, New Idea and Gehl forage wagons; JD 894 side rake; 4 hay wagons; Int. 56 blower; Southeast 3 pt. round bale mover; gravity bin wagon and corn drag.

Danuser mounted post hole digger; 3 pt. rear blade; air compressor; used fuel tanks; used equipment for parts and scrap; hydraulic cylinders; tow chains; 16 Int. front weights; weight bracket; 1967 Chevrolet pickup (as is); 1960 Plymouth Valiant (as is); Swartz wide front for Farmall M, 400, 450, etc. 2 round bale feeders; 2 mineral feeders; liquid protein tank and few other farm related items.

UPRIGHT PIANO

TERMS: Cash or approved check - be sure - bring letter of bank credit.

Conditions by

GEORGE H. & GAIL L. MALSBUY

717-933-8639

Harry H. Bachman - Auctioneer

717-867-1809

Lunch Stand

MYRON BRADY FARM MACHINERY AUCTION

Rescheduled to
TUES. MARCH 6
11:00 A.M.

Mount Morris, (Livingston Co.) New York Sale to be held at the farm located along rte. 408, 1½ mi. east of Mount Morris or ¼ mi. west of the intersections of rtes. 63, 408 and I-390 exit 7.

Having purchased the Winfield Bush Farm we will sell that machinery plus a fine line of additional machinery no longer used in the Brady Farms operation. This is a good line-up of machinery to suite every kind of buyer. Every item sells at absolute auction with no reserve!

TRACTORS: 2 nice J.D. 4240 diesels, both Quad. range, dual outlets, 2456 and 3579 hrs.; I.H. 684 diesel like new with just 882 hrs.; I.H. 584 diesel like new with just 1010 hrs.; M.F. 135 gas, 3 pt. hitch, with M.F. mechanical dump bucket loader; Oliver 880 gas, wide front; Oliver 77 gas, narrow front; I.H. "H" with loader; Oliver OC-6 gas crawler tractor with p.t.o. and hydraulic outlet; I.H. TD-6 crawler with Hough front loader with 5 ft. bucket;

TRUCKS: 1976 Ford F-600 with hoist and 14½ ft. grain body; 1968 Ford F-700 with hoist and 16 ft. grain body; 1970 Dodge 500 with hoist and 12 ft. grain body; 1962 Ford F-600 with Killbros 350 gravity box with hydraulic unloading auger; 1960 I.H. B-160 with hoist and 12 ft. grain body; 1956 Chevy. 6400 with horst and 12 ft. grain body; 1956 I.H. R-130 dump truck; 1963 I.H. Scout.

GENERAL EQUIPMENT AND IMPLEMENTS

M.F. 300 s.p. combine with 10 ft. hume reel grain head, used on just a few acres of wheat in its lifetime!; 2 56 ft. 8 in. transport augers; 36 ft. 8 in. trans. auger; Harvest Handler 20 ft. alum. grain elevator; 2 4 in. augers; I.H. #8 flail chopper; M.F. #29 3 pt. dutch wheel rake; 6 ft. 3 pt. rotary mower; N.H. 490 12 ft. haybine; skeleton hay elevator; Oliver 60 baler; N.I. trailer mower; flat rack wagon; Oliver rear mount mowing machine; Oliver hay conditioner; N.I. flail manure spreader; Solid oak livestock feeder rack; Oliver 13-7 disk hydraulic set drill; J.D. 1240 4-row corn planter; I.H. 44 4-row corn planter; Glencoe 21 ft. wing type folding field cultivator with leveler; I.H. 133 3 pt. 6-row tool bar cultivator with Danish teeth; M.F. 52 dual wheel transport 18 ft. wing type disk; Brillion 24 ft. folding transport harrow; Dunham 14 tooth transport chisel plow; Graham plow; 12 ft. rotary hoe; M.F. 3 pt. 6½ ft. scraper blade; M.F. 8 ft. 3 pt. heavy disk; M.F. 3 pt. 2 bottom plow; Oliver 3-16 trip trailer plow; Dunham 15 ft. transport cutmulcher; 2 section harrow; Ferguson 3 pt. cultivator; Pittsburg 12 ft. drag; 8 ft. cultipacker; Oliver 5 1-row corn picker; 2 dry fert. loading augers for J.D. 7000 6-row planters; set of 18.4x34 snap on duals; tractor weights; 4 chain saws; 4 skid tanks; 2 portable shop air compressors; few small items!

Prior inspection and inquiries are invited!

Terms: Cash or good check day of auction. I.D. required!

Nothing to be removed until settled for.

Owned by
MYRON BRADY
716-658-2742

Auction conducted by

PIRRUNG AUCTIONEERS, Inc.

Wayland, N.Y.

716-728-2520

Lunch Available!

AUCTION SALE

BUILDING MATERIALS, COMMON NAILS
MANHOLE COVERS, SEWER GRATES
60,000 YDS. BURLAP, KITCHEN CABINETS
OFFICE & HOUSEHOLD FURNITURE
375 GALV. ROOF PANELS, WINDOWS
TUES., MARCH 13, 1984 10:00 A.M.
ON PREMISES

1820 E. HAGERT ST., PHILA., PA.

Approx. 150,000 Lbs. Sewer Castings Comprising in Part: 157 Manhole Covers w/Flanges, 51 Sewer Grates Some With Flanges, 27 Small Drain Covers, 15 Curb Inlets, 73 Flanges, 38 Lengths Sewer Pipe, Etc., 150 Insulated Windows, Steel Doors, 150,000 S.F. Plywood 3mm to 5.5mm, 120,000 Lbs. Common Nails in 25 Lb. & 50 Lb. Boxes, 375 Galv. Corrugated Roof Panels 24"x405", 60,000 Yds. 36" & 40" Burlap 7½ oz. to 10 oz., All-Wood Kitchen Cabinets, Office Furniture - Steel Desks, Office Chairs Etc., Household Furniture - Upholstered Sofas, Loveseats, Chairs, Dining Room Sets, Grandfather Clocks, Roll-Up Desks, Tables, Mattresses, Etc.

INSPECTION MONDAY MARCH 12 9 A M to 4 P M
TERMS CASH OR GUARANTEED FUNDS
25% DEPOSIT REQUIRED

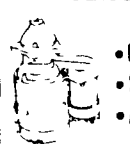
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EXPERT REPAIRS

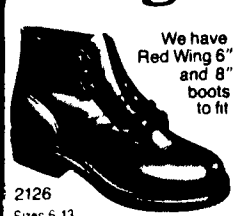
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