

**Plastic Baskets Help Strawberries Cool Fast**

Plastic mesh baskets permit more rapid and thorough cooling of strawberries than paper pulp baskets, but provide less protection from cuts and bruises during shipment, a new marketing research report released by the U.S. Department of Agriculture indicates.

Forced air precooling provided the most rapid and uniform cooling of this highly perishable, premium priced commodity, according to recent shipping tests by USDA's Agricultural Research Service. Various containers and precooling methods were used in test shipments of strawberries from California to New York.

Paper-pulp baskets would be more desirable than plastic baskets if the berries were cooled by forced air precoolers, which cool fruit equally fast in both types of container. The pulp baskets provided greater protection from cuts and bruises than the sharper edged plastic containers.

However, ordinary room precoolers remove field heat from strawberries faster when the fruit is held in plastic baskets, the study indicated. Berries in plastic baskets and plastic trays cooled 20 to 100 per cent faster than pulp containers. Prompt, thorough cooling is essential to prevent decay after harvest, related tests showed.

A commercial 72-tray pallet load of berries had a half-cooling time of about two hours with an ordinary room precooler. Similar strawberries had a half-cooling time of only 30 minutes with a forced air precooler. The half-cooling time is the time required to reduce the difference in the initial fruit temperature and the precooling-room temperature by one-half.

Details of the experiments are given in Marketing Research Report No. 851, "Market Quality and Precooling Rates of Strawberries Packed in Various Containers." Copies are available at 10 cents each from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

**York County Park Bids To Be Opened April 7**

Secretary of Forests and Waters, Maurice K. Goddard, announced recently in Harrisburg that sealed bids for the construction of Phase 1 development at Codorus State Park, York County, will be received by the department on Tuesday April 7.

The work, said Dr. Goddard, "consists generally of the construction of access roads and parking lots for the proposed marina and picnic area, and a parking lot and overlook point for the proposed vista and related items of work."

This project will be financed with funds provided by Project 500, the Land and Water Conservation and Reclamation Act, which was enacted by the General Assembly and implemented by Gov. Raymond P. Shafer in January, 1968.

Representing one of 18 construction contracts for which Project 500 funds are available, the sealed bids for this project will be received in Room 532, South Office Buildings, Harrisburg, until 2 p.m., April 7, at which time they will be publicly opened and read.



**SPRING FESTIVAL & 290TH GARDEN SPOT SALE THURSDAY, MARCH 19 LANCASTER, PENNA.**

Sale held on the J. M. Brubaker Farm located on Silver Lane Rd. off Penn Grant Rd. in Willow Street Village which is on Rte. 72 four miles south of Lancaster, Penna.

**65 REGISTERED HOLSTEINS**

(Many just fresh — Some bred for early fall — Yrlg. Service bulls — Heifer Calves).

All tests up to date. Exam for Preg. & Mastitis. Nearly all eligible to go anywhere.

**SELECTIONS FOR THE "SPRING FESTIVAL" MADE BY EARL L. GROFF, STRASBURG, PA.!**

Earl has spent a considerable length of time and is very satisfied with the group that he has been able to put together.

**HERE ARE SOME OF THE ENTRIES! !**

● A "VG-86" young dtr of "Ivanhoe" with 772 f 18,448 M. 42% at 5 yrs Due after sale to son of Ideal Fury Reflector. Earl says one that will please anyone. ● 798 lb, 5 yr dtr of Pineyhill Don Juan, just fresh with beautiful udder ● Yrlg gr'son of "Ivanhoe" from a 1020 lb dam, 2nd dam with 842 fat ● Top c'tr of "Kingpin" 62" at withers will be fresh and milking about 90-lbs ● 665-lb, 2 yr dtr of Sevens Burke Skylark just fresh ● 10 top cows picked from the George Hasbrouck herd at Titusville, Pa. One has 837 f 2 are over 700 fat, 5 over 600 fat, 2 over 500 fat One at 87 pts 8 are "GP" All by popular sires and all just fresh at sale time A real group ● 9 head from Earl Noel, McSherrystown, Pa. All 2 yr olds fresh and bred back for early fall All out of top record dams 2 are out of a 986 lb fat dam 1 by "Apollo", 2 by "Model" 1 by "General", 2 gr'dtrs of "Ivanhoe" ● David S. Miller, York, Pa. sends 5 top young cattle 3 by Paclama! Astronaut with records to 492 fat at 2 yrs All due sale time ● There are many more that will please anyone

**MAKE SURE YOU ATTEND THIS "SPRING FESTIVAL" AND GARDEN SPOT ON MARCH 19! !**

Sale starts Noon Lunch Available Catalogs Under Cover

**R. AUSTIN BACKUS INC. EARL L. GROFF**  
Sale Mgrs & Auctioneers Local Rep  
Mexico, N. Y. Strasburg, Pa.

**SIXTH ANNUAL ALL-DAY Public Auction FARM EQUIPMENT FRIDAY, MARCH 20, 1970**

**10:00 A. M. Sharp**

Location: On the premises midway between Pottstown and West Chester on Route #100 at Eagle, just 1/4 mile north of the Downingtown Exit of the Pennsylvania turnpike, Chester County, Pennsylvania.

**FORTY (40) TRACTORS — ALL MAKES AND MODELS**

Fifteen (15) Oliver, 1850's, gas & dsl, 1950 w/GMC dsl motor 1650's gas & dsl 550's, gas & dsl, 880 dsl, Super 88, 770 gas, 66, 77, and 88. Int 504, JD A & B Int Super MTA, Ford 640 & 8N's, Oliver OC46 crawler-loader, JD 440 crawler w/blade Oliver 550 w/backhoe & loader, 2 Temple stone spreaders 2 Springfield 10 ton rollers, Aips 3-point hookup stone rake, MM Unit harvester Ford 1-row harvester w/PTO, NH 818 2-row corn head chopper w/PTO, Hawkbit 145 bus tank spreader, others including Oliver and International, 3 elevators, 20 Oliver, JD & Int plows pull-type & semi-mounted, 20 disc harrows including, 2 Oliver 10' pickup disc harrows, 3 Pittsburg 9' & 10' pickup disc harrows, NEW, cultipackers, 10' & 12', 10 corn planters, including JD 494A 4-row planter, Oliver 340 6-row tool bar bean planter, Oliver 312 3 point hookup 2 row planter, also AC & International, JD 55 self-propelled 12' combine, good condition, 10 new & used wagons, 10 sets cultivators, including Oliver 364 4-row, New, also, Int, JD, Fords and Oliver's Oliver 74 7x18 grain drill, like new, 2 Gehl grinders & mixers Gehl & Fox hopper-type blowers, 5 corn pickers, Oliver #5 1-row, picked 50 acres, New Idea & Woods 2-3 point roter hoes, 3 Snowmobiles, used, 2 Wheel Hoises, used, Riding mowers, Motts 6' 3 point hookup mower, 20 sets of tractor and truck chains, 1953, Chevrolet w/hoist and grain body truck, 1960 Int w/hoist & grain body truck, 1961 Chevrolet 3/4-ton truck, 1961 Dodge dump truck, numerous items not listed but will be consigned by day of auction, also 3 wagons of small tools, accessories and miscellaneous

Lunch

By the order of:

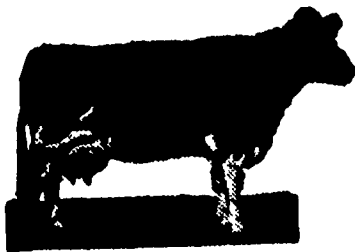
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"Chester County's Foremost Auction Company"

**Try A Classified Ad It Pays!**



**54 BIG SPRING DAIRY CATTLE SALE 54**

**Black & White Holstein Farm, Lancaster, Pa.**  
U.S. 230 just west of Atlantic Breeders' Co-Op.

**FRIDAY NIGHT, MARCH 20th at 7:30 Sharp**

Twenty-six personally selected Registered Canadian Holsteins, out of Forrest Lee Centurion, Royal Hamilton, Romandale Highcroft Cavalier, Denfield Rag Apple Paul, Magician Bell Boy and others. Many of them classified with good production and B. F. records.

4 Choice Reg. Holstein heifers out of Howacres Reflector Model due to freshen by April 1st.

24 Top Quality Minnesota Grade Holsteins, with lots of size, type and milking quality. Production to 80 lbs. daily. All cows just fresh or close up springers.

If you want the best don't miss this sale.

**CHAS. C. MYERS, Owner**

Abe Diffenbach, Auct.

H. Kettering, Pedigrees

Liberal Credit can be arranged prior to start of sale.

**PUBLIC SALE OF PERSONAL PROPERTY FARM MACHINERY & DAIRY CATTLE**

**TUESDAY, MARCH 17, 1970 at 10:00 A. M.**

For: Roy B. Boll 2 miles northwest of Manheim on Old Line Road turn West on Colebrook St. in Manheim, Penna.

**40 HEAD OF REG. PURE-BRED HOLSTEIN DAIRY CATTLE**

included are daughters of Forty-niner, Astronaut, Pride Commander, and other famous sires.

24 Milk Cows, 18 Heifers — Milk base of 686 lbs.  
2 FOUR MONTH OLD ANGUS 10 TONS CORN

**FARM MACHINERY:** John Deere 3020 Diesel (less than 1000 hrs.) with Roll-Guard, JD No. F125 four bottom moldboard plow, Oliver 77, Farmall A with plow and cultivator, JD No. 38 Harvester with 2 row corn head and pick up, Dion Forage wagon, NH hopper blower with 60 ft. pipe, JD snow-blade, 4 flat wagons, Massey Harris 50 clipper 7 ft combine, Gehl No. 72 - 6 ft flail chopper, Oliver 50 twine baler, JD No. 10 side mount grass mower, Mayer hay conditioner, two 24 ft. hay elevators, JD 350 P.T.O. side delivery rake, front mount boom spreader, JD 13 disc grain drill, JD No. 101 semimount corn picker, JD No. 246 two row corn planter, DB rake, Smoker grain bin on Oliver Chassis, 20 ft grain auger, JD 28 disc harrow, JD spring harrow, 9 ft cultipacker, spike harrow, JD model W manure spreader, 3 Surge milker units (2 forty lbs. pails and 1 fifty lbs. pails), T33 6 can milk cooler, T33 4 can milk cooler, double wash tub, 2 milker pumps, DeLaval and McDeering, 24 milk cans, Sunbeam Clipmaster, Jamesway feed cart, platform scales, bag wagon, snowfence, wheelbarrow, 50 ft cord and saw, grain cradle, 2 one horse sleighs, Pony and pony cart, Poultry equipment.

**PERSONAL PROPERTY:** Motor cycle 1968 Honda 350 Scrambler, living room unit, bedroom suite, 9 piece dinette set, refrigerator, blanket chests, rocking chair, cedar wardrobe, antique bureau with hidden drawer, kitchen cabinet, wash bowl and pitcher set, gas range, dinner bell, 20 benches, rugs, tables, oil heater, and many other items.

TERMS BY:

**ROY and ARLENE B. BOLL**

Aucts. Stone, Kilmer & Geib  
Clerks, Stone, Reed

Food Stand by Manheim Christian Day School  
Will Not Be Responsible For Any Accidents