

Around The Chicken Coop



"My project was coming along great until my biggest and most promising hen started crowing!"

Water

(Continued from Page 13)

yet growing—demand

Because of evaporation displacement, reservoirs are not an ideal means of storing water; they may lose three feet of water in a year—billions of gallons at a time. In addition, they take up land that could be put to use by our expanding population.

New ways to conserve water are being perfected daily, among them treatment and reuse of sewage water, desalination of sea water and storage in manmade underground reservoirs. However, these two have drawbacks. Reusing treated sewage water may seem unsavory to some (even though it is completely purified), and desalination still is very costly. For example, desalted sea water is dozens of times more expensive than that used for ir-

rigation in this country.

A relatively new approach to the problem that has been successful in the few places where it has been tried is the creation of underground reservoirs— from which the water cannot evaporate, incidentally. The water is "stored" deliberately in porous rocks or caverns far below the earth's surface. As it seeps to the chosen storage areas, the water travels through layers of rock that filter out some of the impurities. When needed, this water is recovered by processes similar to producing oil.

(At present, 95% of the world's usable fresh water is below ground through the workings of nature. Some of this, which we know as well wa-

(Continued from Page 1)

Cost of Gain on 1200 Pound Cattle 66 Percent Higher than for 1000 Pounders

Iowa State University computed the cost on a dollar and cents basis of carrying cattle to heavier weights. With No. 3 corn at \$1 per bushel, the cost of putting on a pound of gain on cattle weighing 1100 pounds was 27 percent greater than when the cattle weighed 1000 pounds. By the time the cattle reached 1200 pounds, the cost of putting on an additional pound of gain was 30 percent more than when the cattle weighed 1100 pounds—and a whopping 66 percent more than what it was at 1000 pounds. If cattle are carried to weights beyond this, the costs go up even more rapidly.

It is important for everyone to recognize that every extra day in the feedlot costs the feeder twice—first in the added cost of gain and second, the price de-

Check, Clean Lights In Poultry House

Take a look at the lights in your poultry house, the chances are a light dusting is in order. University of Missouri Extension poultrymen Walter Russell and Glenn Geiger say that if you are skeptical, do the dusting late some dark afternoon. See if you don't brighten the poultry house and work room.

The dusting job will take only a short time and will be cheaper than adding larger sized bulbs to get the light you need.

A weekly dusting should be part of your poultry house management program. The first time around, the bulbs may need washing. Do this when they are cool. A cool or wet rag on a hot bulb may cause it to break.

ter, is pumped to the surface.) The story of water is fascinating, and the problem of solving water quantity and quality is only one of many that this recycling substance presents to man.

pounds he puts on.

15 Extra Pounds Per Animal Could Lower Prices \$.75 Per 100 Pounds.

If the average weight of fed cattle goes up only 15 pounds, it translates into one additional pound per person that must be eaten by the American consumer to clear the market. This increased tonnage alone would lower cattle prices about 50 to 75 cents per 100 pounds.

In addition to more costly gains and increased beef tonnage to depress prices, holding cattle to heavier weights produces less desirable and less valuable carcasses. The demand for prime grade and heavy-weight fed cattle is limited and easily saturated. The retail preference is primarily for Choice grade carcasses weighing under 700 pounds—from cattle weighing not over 1,100 pounds.

Extra Weight Lowers Retail Value Also

The cattle feeder who is tempted to hold Choice grade cattle for another 100 pounds of gain needs to consider that much of the gain is excess fat that will

peace, or alderman. Fees are \$1 for each male or spayed female dog, and \$2 for other female dogs, plus 20 cents to be paid to the issuing officer.

The state law also requires that all dogs must be confined within the premises of the owner, or firmly secured so that they cannot stray beyond the premises, or must be under reasonable control at all times.

Dog licenses for the current year must be attached to the collar or harness at all times.

significantly lower the retail value of the carcass per hundredweight.

For example, the retail value of carcasses from Choice cattle fed from 1,100 to 1,200 pounds may be lowered \$1 to \$1.25 per hundredweight by the increase in fat trimmings associated with only ¼ inch additional fatness over the rib.

The lower relative value of the carcass alone is reason for the carcass enough for avoiding the risk of over finishing or feeding to weights with limited outlets.

FARM EQUIPMENT SALE

WED., JAN. 10, 1968 AT 9:30 A.M.

MARTIN'S SALE BARN

BLUE BALL, PA., LANCASTER COUNTY

Tractors, Machinery, Implements, Hardware Supplies, Posts, Hay and Straw.

WE SELL ON COMMISSION

PH. (717) 354-6671

PAUL Z. MARTIN

NEXT SALE JANUARY 24, 1968

KLINGER FARMS

COMPLETE HERD DISPERSAL

Farm Machinery Milk Equipment Produce

LOCATED: 2 miles east of State College, Pa. Centre Co., on Route 26.

FRIDAY, JAN. 12, 1968

STARTING AT 12 O'CLOCK SHARP

50 HEAD HOLSTEIN DAIRY CATTLE 50

17 Registered

33 Hi-Grades

31 mature, good size, fresh cows, close springers, several bred back for fall freshening. 10 Bred Heifers, bred for fall freshening. 9 Started Calves. Majority NEBA breeding.

DHIA 1967 13,164 Milk 491 Fat 3.7 T CERTIFIED ACCREDITED CALFHOOD VACCINATED PREGNANCY CHECKED. CHARTS SALE DAY.

MACHINERY

JD 50 tractor, JD cultivators, JD 110 chuck wagon, Super 6 Fox forage harvester direct cut grass head, 2A Bearcat hammer-mill 14-in. cutter head, governor controlled feed rolls; Papec feed mixer, 2 sets cow clippers.

MILK EQUIPMENT

2 DeLaval magnetic suspended milker units (Surge pails, DeLaval magnetic pulsation), DeLaval magnetic floor type milker, 17 automatic stall cocks, DeLaval magnetic milker pump, 300-gallon bulk tank, pails, strainer.

PRODUCE

1500 bushels ear corn. Approximately 40 tons good quality alfalfa hay, sold in 3 different lots. 15 tons straw, sold in two lots.

TERMS: CASH OR GOOD CHECK SALE DAY

J. KENNETH WALKER, Owner

RD 1, Box 333, State College, Pa. 16801

CARL DILLER & EVERETT KREIDER, Auctioneers RICHMOND SWEET, Clerk

D. O. Rockwell, Sale Mgr.

Troy, Pa. 16947. Phone 717-297-3460

Public Sale

of Valuable

DAIRY FARM

Located 2 mi. South of Quarryville, 1 mi. East of Rt. 222, 14 mi. South of Lancaster, in East Drumore Twp., Lancaster County, Pa.

SATURDAY, JAN. 27, 1968

1:00 P.M.

175 ACRE FARM

110 tillable, 35 meadow, 30 woodland. Barn equipped with 43 stanchions, also pens for calves, adjoining building for heifers, 25x75 pole shed loafing barn, 10x55 silo, large milk house with 500 gallon milk tank (Walker Stamp) new unit on bulk tank, new tile milk house, new roof on large bank barn, new water system, new drain field, new Jamesway barn cleaner, not installed.

2 1/2 STORY STONE HOUSE

Slate roof, hot water automatic oil heat, 1 1/2 baths and dishwasher.

Land in high state of cultivation, Spring in pasture.

Looking for a nice dairy farm? Don't miss this sale.

10% down, balance April 1, 1968.

Terms by

ESTHER E. MARTIN

Ph. 717-354-5389

Kreider & Diller, Aucts. Eaby & Eaby, Attys.

SHUT DOWN? DELAYED?

... BECAUSE OF ELECTRIC POWER FAILURES OR JOBS AWAY FROM LINES?

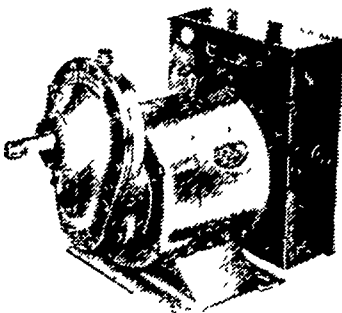
STANDBY POWER

Reliable electric power units come on automatically during those crippling emergencies. Low cost gasoline or diesel systems from 600 watts to 100 KW. 39 years of experience at WINPOWER.

PORTABLE POWER

Cut construction costs with most economical on-the-job source of electric power—portable hand-carry or two-wheel-dolly generators starting at 600 watts.

WINPOWER Newlon 8, Iowa U.S.A.



L. H. BRUBAKER
350 Strasburg Pike, Lanc.
R. D. 3, Lititz
Phone Lancaster 397-5179
Strasburg 687-6062
Lititz 626-7766