

### One Pure-bred Red Poll Bull For Sale

Good size. Weight about 1,400 pounds. His calves are good. Also have one Portable 10-horse power Gasoline Engine, Fairbanks Morse. Will sell cheap, or exchange for live stock. Price, \$300. Has been run 90 days. For further information, call on or write

**L. G. BRIDGEFORTH,**  
Route 1. Crawford, Miss.

### 4 Year Old Standard Bred Trotting Stallion For Sale

Denny Forsyth, 15.2 hands; weight, 1,000 lbs.; rich, dark bay; broken to drive and ride, is absolutely kind and city broke, trots when going slow. Paced a mile last fall in 2.40 with three weeks training. Has all the saddle gait and is sound.

Bred by Goldseeker, 2.26 1/4, by Laralard, by Director, sire of over 100 in 2.30.  
Dam Katie Smith, by Alcantara, sire of over 100 in 2.30.  
Katie Smith is the dam of two in list Evolutio, 2.13 1/4 and Evolute, 2.10 1/4 and three others with trials better than 2.30. Denny Forsyth is a sure foal getter, and is right every way. For price, etc., Address. **DR. O. M. NORTON,**  
Greenville, Miss.

### Kentucky Mammoth Jacks

Jacks, jennets and saddle horses. 260 head to select from. Tamworth swine, all ages. Catalogues now ready.

**J. F. COOK & CO.,**  
Lexington, Ky.

### P. C. HOGS

of the very best breeding. White Plymouth Rocks, all sired by my cocks that won 1st and 2nd prizes at Greenfield, Tenn. Prices that will please you.

**W. S. POPE, Verona, Miss.**

### FOX TERRIERS and No Rats

Pups \$5.00 each.

S. C. R. I. Red and Pekin Duck Eggs

**D. CRIGHTON,**

Okolona, Miss.

### Blue Bibbon Berkshires.

In competition with 9 herds, 5 States, La. State Fair Nov. 1-6 '09, we won 7 firsts, 4 seconds, 3 thirds, 1 championship, first and second American B. A. specials including \$50.00 silver cup; thus demonstrating the superior individual merit as well as fashionable blood lines of our consolidated herd. Address for prices **FRIERSON & HOLLINGSWORTH,** Shreveport, La., or Coushatta, La.

Registered English Berkshire Hogs for sale by  
**CLEM LEA,**  
SILVER, Tenn.

### Stallions and Business Horses

I have a lot of splendid saddle and harness stallions that are the kind to breed to elevate your horse stock. They are good ages, good size, good style, sound, gentle, and highly bred. Will gladly mail list of what I have to any one writing for it, and if you will come, I will sell you just as low in price as I can, and guarantee just as represented.

**W. M. KIRBY,**  
Box 23, Bowling Green, Ky.

### DUROC - JERSEY PIGS

Registered. Ancestry unsurpassed. No better breed of hogs.

**W. C. GUTHRIE,** Port Gibson, Miss.

### 25 GRADE RED POLLS

Crossed with Devon; Springers. Grade Red Poll Bull Calves.

Car lots, or less, to suit demand.

**J. BURRUSS McGEHEE,**

LAUREL HILL P. O., La.  
Name this paper.

**RED POLL CATTLE**—Registered. Immune to tick fever. Young bulls and heifers for sale. A large herd of carefully selected and well bred cows to select from. Come and see them. Address

**J. B. BRIDGE, Manager;**  
or, **W. S. TURNER,**  
Magowan Meadows Stock Farm,  
R. F. D. 1, Crawford, Miss.

### Horse Breeders

**Artificial MARE IMPREGNATORS**  
We GUARANTEE you can get from 2 to 6 mares in foal from one service of stallion or jack. Increase the profits from your breeding stables by using these Impregnators. No experience necessary to use them successfully. Prices, \$3.00 to \$5.00 each prepaid.

Popular SAFETY IMPREGNATING OUTFIT, especially recommended for impregnating so-called barren and irregular breeding mares, \$7.50 prepaid.  
Write for CATALOGUE which illustrates and describes our Impregnating Devices, Breeding Hobbles, Stallion Bridges, Shields, Supports, Service Books, Etc.  
**CRITTENDEN & CO., Dept. 53, Cleveland, Ohio.**

### Increase Your Profits

## LIVE STOCK AND DAIRY.

### HOW TO GROW LIVE STOCK IN THE SOUTH.

#### VIII.—Why We Should Breed More Dairy Cattle.

By Tait Butler.

IF ONE OF the duties of the farmer is to produce food stuffs, we should breed more dairy cattle, because the dairy cow is the most economical producer of human food of all the farm animals. Such a dairy cow as any one might breed, may produce 6,000 pounds of milk in a year. If this milk has an average composition of 12.83 per cent solids, such a cow will produce 770 pounds of dry matter in one year. If the milk be of average composition, there will be in this 770 pounds of dry matter: about 222 pounds of fat; 213 pounds of casein and albumen (protein foods); 293 pounds of sugar (carbohydrates); and 42 pounds of ash. A good steer weighing 1,200 pounds, and dressing 64 per cent, would give a carcass about equal in weight to the dry matter in 6,000 pounds of milk, but of this carcass of 770 pounds, not over 40 per cent, or about 300 pounds, is dry matter, and of this a considerable quantity (bones, etc.) is not eaten and digested by man.

To produce this 300 pounds of dry matter the beef steer must be fed two or three years and then killed, whereas the dairy cow will go on producing her 770 pounds of dry matter each year for five or more years.

Since the dry matter of milk is of the highest food value, it follows that if we are to be producers of human

food stuffs, we should breed and maintain more dairy cattle.

#### The Cow the Most Economical Food Producer.

When the milk is consumed on the farm, or when butter or cream only are sold, the dairy cow is also the most satisfactory animal to which coarse farm products, or feedstuffs, can be fed. Not only does she give good returns for feed consumed, but the plant food in these feedstuffs are largely retained on the farm. She is a large consumer of feeds, but she gives more in return than the meat producing animals, and is, therefore, able to pay more for the feeds consumed. For instance, our cheapest feeding stuff, cottonseed meal, has already reached a price, \$30 to \$35 a ton, above which the fertilizer manufacturer or the feeder of beef cattle will find difficulty in going and maintaining his legitimate profits; but the dairy cow can still produce a profit from cottonseed meal, even if it advances to \$40 or \$45 a ton. The same facts apply to all other feedstuffs. The dairy cow affords us the best means of marketing the coarse farm products or feeding stuffs, simply because she is the most economical user of feedstuffs.

It, therefore, follows that if we are to be producers of feeding stuffs, and every farmer must be to maintain soil fertility, then we should breed and keep more dairy cattle.

We should breed more dairy cattle, because while paying more for the feeds consumed than any other farm animal, she leaves from 85 per cent to 95 per cent of the plant foods contained in these feeds, on the farm to enrich the soil and increase future crops. In butter production, when the skimmed milk is consumed on the farm, the drain on soil fertility is reduced to the minimum.

Southern farmers have never fully appreciated the double value possessed by every product of the farm, capable of being consumed by live stock. Even to this day certain so-called teachers of agriculture are advocating the use of forage crops and feeding stuffs as fertilizers, thereby ignoring their feeding value. We shall never utilize the products of the farm to the best advantage until we recognize and observe the fact that no feed stuff should ever be used as a direct fertilizer; but should first be fed to some animal, because by so doing, from 75 per cent to 90 per cent of its fertilizer value may be obtained, and in addition, its feeding value, which is usually greater than the fertilizer value. In fact, there is evidence, notably that from the South Carolina and Georgia Experiment Stations, showing that the fertilizer value of the stable manure is greater in its power to increase the yield from the soil, than is the original feed consumed in making the stable manure.

Again, if we are to feed the farm products or feeding stuffs to live stock, and we must to maintain soil fertility, we must breed and keep more dairy cows because they are the most economical users of feed stuffs.

#### Dairying an Occupation for the Thoughtful Only.

Dairying has never been popular in the South because of the constant attention required. It is unlike cotton production which will suffer the

### HORSES FOR SALE

Three City Bred Young Horses, all ride well and work anywhere. One pair matched Bay Mares, well broke, work anywhere and will breed. One pair matched Bay Ponies. A few 3 year old mules.

**JOHN M. WHITE,**  
Starkville, - - - - Mississippi.

### Poland China Hogs

White and Silver Wyandottes and B. P. Rocks. Hens, \$1.50, Cockerels \$2.00 and \$2.50 each.  
**A. F. TUGGLE, R. F. D. No. 1, Brush Creek, Tenn.**

### DUROC JERSEY PIGS

From one of the oldest breeders in the South. Rich in color. Bred in the Purple, also a few bred gilts and sows. Write for prices.  
**L. M. WHITAKER & Co., Mulberry, Tenn.**

Berkshire Hogs, Cheviot Sheep, Angora Goats, Embden and Toulouse Geese, Banded and White P. Rock Chickens. Get our prices. **CLOVERDALE STOCK FARM,** H. C. Davidson, Proprietor, ORION, Tennessee.

### Berkshires of the Choicest Strains in America

Pigs, both sexes, sired by Charming Premier 9th, sired by Lord Premier 2nd. Also bred sows to same. Males old enough for service, am sure I can please you, my motto is do unto others as I would have them do unto me. Prompt reply to all inquiries. Also prompt shipments.

**L. D. ROBERTS,**  
R. F. D. No. 1, - - - - Woodland, Miss.

### LARGE BERKSHIRES

Premier Longfellow, Lord Premier's Rival and Masterpiece strains. Young pigs, tried brood sows and bred and open gilts for sale. Get a pig by the great Longfellow's Rival 112747 the greatest show and breeding boar of today.

### JACKSON STOCK FARM

Little Rock, Ark.

### Public Sale Fine Hogs

On Saturday, February 26, at the I. C. Stock Yards, Memphis, Tenn.

I will sell about 50 head of registered Poland China Hogs. In this lot there are 20 Bred Sows and five fine Herd Boars, balance Pigs, 3 to 6 months old. Sows are bred to boars that won championship in Illinois and Iowa. Write for Particulars.

**H. L. CURRIE,**  
BROWNVILLE, TENN.

### BROWN HAL FILLY For Sale

Dark bay, 2 1/2 years old, a little over 15 hands has been driven a few times. A choice, high-class filly. Won first premium at Oktibbeha County fair.

**W. B. AIKIN,**  
STARKVILLE, - - - - MISSISSIPPI

### FOUR GOOD JACKS

All Good Colors, Good Ages, well bred and sound in every particular. Write us for prices

**ASA W. ALLEN COMPANY**  
Tupelo, Miss.

**FOR QUICK SALE**—One Scotch Collie Bitch, just bred to imported dog. Price \$25.00. One 10 months old Fox Terrier, male, well trained for rats, \$7.50.

**W. S. POPE, Verona, Miss.**

**AIRLIE FARM**—The great Southern Pigeon Plant, Pheasantry and Toy Dog Kennels, Poultry Yards. Send at once for their beautifully illustrated Catalogue for 1910, hand-painted cover containing 20 tested receipts for serving squabs. Also complete price list and illustrations of Pheasant Utility Squab Breeders, Pheasants, Toy Dogs and Poultry. Price only 25c. Address Mrs. Ayres Merrill, Airlie Farm, Natchez, Miss.

### RED POLLS FOR SALE

Mississippi Experiment Station.  
In order to reduce the size of our herd, we will sell a few choice Red Poll cows, a herd bull, and few young bulls and heifers. These are good individuals, well bred, registered, and immune to tick fever. For further information address

**J. S. MOORE, Agricultural College, Miss.**

Registered Berkshire Boar, 1 1/2 years old, \$25.00. 8 White Leghorn Pullets and 1 Cockerel, \$1 each.

**N. K. FARR, Hamburg, Miss.**

### G. C. CLOY'S BERKSHIRES

UNION CITY, - - - - TENNESSEE

**Kentucky Jack Farm**  
is the wholesale home of Jacks, as we breed and raise the big mammoth Kentucky Jacks, and sell you a first class Jack \$5 to \$6 per year cheaper than a dealer or speculator can. Write to us for prices on Jacks, Jennets and mules. A large lot to select from.  
**Joe E. Wright, Junction City, Ky.**

### Standard Bred Stallion, Weymouth Bells 5040

Standard and registered, sired by Prairie Bell 2224, the sire of Blackbird, 2114, Geo. M. 217, Nelson H., 2174, Mississippi Bells, 2174, Spots B., 2244, Dr. Fox, 221. First Dam, Division by Belmont, Jr., 1764, Second Dam, Marie Wood, (the Dam of Dr. Fox), by Wedgewood Wood. (the Dam of Dr. Fox), by Wedgewood Wood. Weymouth is a deep bay, six years old, 15 1/2 hands, weighs 1,140 lbs., a very strong, handsome horse has large, bone and splendid muscle. Drives in trot and speeds in pace; had a little training a two year old, and won his race at Columbus, 1906, he is also a good saddle, shows several good smooth. Has several colts that are large and stylish, with plenty of action and grit, sure to make high class, useful horses. Owing to a change in the Owner's business, Weymouth has been placed with me to sell. One needing a stallion cannot do better. He is bred right, goes right, is sound, and can earn his price easy. I have also for sale one very desirable saddle and driving horse, sired by Prairie Bells. For prices and further information write, **DR. JOHN OLIVER, Columbus, Miss.**

### ESSEX PIGS FOR SALE

From High Class Registered Stock, Less Feed More Gain, than any Hog in the World. Few feed pigs \$10.00 up.

**F. C. LOTTERHOS, Crystal Springs, Miss.**

**4 Registered Polled (or Hornless) Hereford Bulls**  
6 to 15 months old all from good milk cows. Immune from Texas fever. Two full blood Percheron Stallions six years old, broke to work, fine breeders. Improved Texas Guinea Hogs. Rhode Island Red and White Bantam Chickens. **WELTON WIN** Santa Anna, Tex.

### NEW LIST OF FREE

Pedigreed and guaranteed Fox, Cat and Dog Hounds.

**J. D. Stodhill, Shelbyville, Ky.**

### TENNESSEE JACKS AND STALLIONS FOR SALE

**J. T. GARNER, Grenada, Miss.**

### REGISTERED SHORT-HORN BULL

One registered Short-horn Bull, 2 years old, sale, at \$75.00. This bull is by Fine Goods, the Choice Goods, the St. Louis World's Fair winner. Deep red color, and immune to tick fever.

**A. W. HALBERT, Starkville, Miss.**

**THERE CAN BE BUT ONE BEST**  
Why lose profits breeding feeding scrub hogs? Our O. I. C. hogs are 2800 lbs. We are here for breeders. Write for sample pair of our fat  
**O. I. C. HOGS**  
on time, and give agency to first applicant. We are originators most extensive breeder and shippers of thoroughbred swine world. Write for circulars.  
**L. B. SILVER CO**  
Est. 1863  
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