

### Two Strictly High-Class Registered SHORT-HORN HEIFERS

FOR SALE.

Bred to a 2140 pounds Price Winning Show Bull. Immune to Texas fever. Price \$100.00 each. Four registered Berkshire Boars ready for service. Four animals in their pedigree sold for average of \$1600.00. Price \$35.00 each. Write for particulars. We will tell you the whole truth and say nothing to mislead you.

E. J. BLOW & SON, Teddy, - - - Alabama

of National Reputation for size and bone. They are sired by 1,000 lb. boars and are out of stretchy, prolific sows. J. P. VISSERING Box 10, Godfrey, Ill.

### BERKSHIRE PIGS

of the very best breeding

L. H. Robertson, R 3, Booneville, Miss.

### High Grade Southdown Rams For Sale

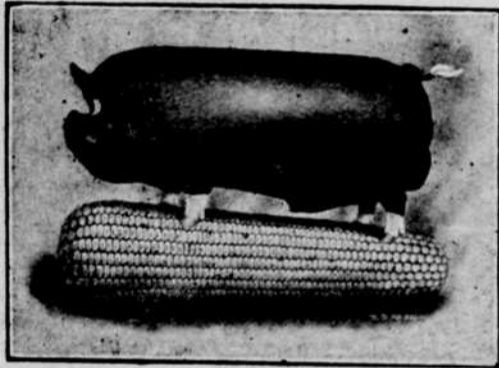
Ram Lambs, average weight of 10 head, 80 lbs., for \$6.00 each.

G. D. DEAVENPORT, STARKVILLE, MISS.

### BERKSHIRES

For Sale—Six Boar Pigs 10 weeks old by that great \$1000.00 show and breeding boar Longfellow's Rival No. 112747, \$10.00 each, for quick delivery.

I. R. DAYTON, Kenton, Tenn.



### BOLL WEEVIL REMEDY CORN AND MEAT

Prize winning Berkshire Pigs for sale. Have six very fine Sows, will farrow August and September. Send in your order and get choice. Satisfaction guaranteed or money refunded.

H. B. FORD, - - Centerville, Miss.

### Registered Hampshire Pigs and Red Rust Proof Seed Oats For Sale

W. P. GAYDEN, - - - GURLEY, LA.

### BERKSHIRES

Of as correct type and as well bred as money can buy. Litters out of Rivals Dutchess 2d, by Aldora Premier 3d. (The \$1325.00 sow). Less Artful Belle 11th, by Premier Victor, price for best \$25.00. Other good ones \$15.00 to \$20.00. Sows and Gilts bred to Master Duke 106843 or Las Master 2d. Price \$65.00 to \$100.00. Two year old Masterpiece boar, \$100.00.

ASH COLLINS, M. D., - - Delhi, La.

### ESSEX PIGS FOR SALE

From High Class Registered Stock. Less Feed, More Gain than any Hog in the World. Few Boar Pigs, \$10.00 up. New litters.

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

### Bargain Prices!

Heviot Sheep and Angora Goats and Bucks for herd headers. Pairs and rios at bargain prices. Berkshire Pigs as good as grow.

CLOVERDALE STOCK FARM, H. C. Davidson, Prop., - - Obion, Tennessee.

### BLUE RIBBON BERKSHIRES

Bred Gilts all sold. Have several handsome litters by three of the best Herd Boars in America, out of 600 lb. sows and up. Our 1909 winnings included State Championship and at Shreveport, La. State Fair. 9 herds, 5 states competing, surpassed all others. Our correspondence is increasing enormously. Inquirers please send 2c stamp for reply. FRIERSON & HOLLINGSWORTH, Shreveport, La., or Coushatta, La.

Registered English Berkshire Hogs for sale by CLEM LEA, SELMER, TENN.

GLENWORTH STOCK FARM, Burin, Kentucky. Property of Mr. ALLEN S. EISELEN. Offers for sale at reasonable prices typical Kentucky Saddle and Mine Harness Horses. Bred from the most fashionable strains and our own foundation stock, which includes the sensational Bohemian King and the choicest brood mares in Kentucky. Size, style and action. Correspondence solicited. Write for literature. Heaviest winner K's State Fair, 1906, 1908, 1908.

## ★ LIVE STOCK AND DAIRY ★

### HOW TO GET RID OF THE CATTLE TICK.

Precautions in Using the Arsenical Dip—Dipping Vats and How to Make Them.

By Tait Butler.

WE DO NOT believe in hand applications to cattle to eradicate ticks, but success is possible by this method. Spraying is little more satisfactory than hand applications. For spraying and hand applications, as already stated, oils or an emulsion of these oils, have usually been employed. We have had no experience in using the arsenical dip for hand application and spraying, but have no doubt it will be as effective as the oils or emulsions and that it will be much less injurious to the cattle.

In using the arsenical dip, however, there are certain dangers which must be carefully avoided. It is the best dip known, but any material that will kill the ticks can not be harmless and without danger when improperly used. The dangers are of two sorts, namely: the live stock on the place or the men handling the dip may be poisoned by the arsenic under certain conditions. We suggest the following precautions or rules:

1. Do not guess at the weight or measures of the materials used.
2. Water all stock before dipping, and watch them while dipping, to prevent them drinking the dip. The use of a little more tar than that generally recommended may possibly make the dip so disagreeable as to keep the cattle from drinking it.
3. Avoid the possibility of absorbing arsenic through cuts or sores on the hands when handling the dip and remember that inhaling the vapors while making the dip may also prove hurtful.
4. Do not allow the dip to run off the cattle on to vegetation which may be eaten at some subsequent time by any live stock. Leave the cattle in the dipping pen until the dip ceases to run from them, and then place in a bare lot until dry. Do not permit the dip to run from the cattle and collect in little pools in depressions in the lot where the cattle may drink it.
5. Do not drive the cattle rapidly or long distances during hot weather within several days after dipping.
6. Protect all vats containing the arsenical dip when not in use, from entrance by any live stock.
7. In disposing of the refuse dip, when it becomes necessary to clean out the vat, put it into a pit several feet deep where there is no danger of direct seepage into wells, springs or streams which supply water for live stock or man.

With these precautions and ordinary good judgment, the arsenical dip is effective and safe.

### Dipping Tanks.

The chief obstacle in the way of dipping cattle to eradicate the ticks is the cost of the dipping vats or tanks.

Galvanized iron tanks are on the market, but their cost and the cost of putting them in the ground makes them about as expensive as concrete tanks, and they are, of course, much less durable. Any tank with reasonable care will last as long as it is necessary to dip to eradicate the ticks, but if the expense of a tank is to be incurred, it is desirable that it last as long as possible in order that it may be used for the dipping of hogs, sheep, cattle and other live stock to free them of lice and other

external parasites, even after ticks are eradicated.

Tanks have also been constructed of wood, but, all things considered, the concrete tank is most desirable and of little, if any higher, cost than the others. This is especially true when sand and gravel are near at hand. When neighborhood tanks are built and the labor volunteered, the materials for the vat may cost anywhere from \$35 to \$50.

About 5 feet of liquid in the vat is necessary, and the sides should be 18 inches to 2 feet higher, to prevent loss by overflow and splashing when the animal goes into the tank. These sides may be continued several feet high, for the purpose of preventing splashing, by 1-inch plank overlapping, so as to drain the material back into the vat. The bottom of the vat should be about 18 inches wide and 12 to 15 feet long. At the surface of the dip the vat may be 2 1/2 or 3 feet wide and 25 feet long. This means that the sides flare outward from the bottom and that there is an incline where the cattle go in and come out. Where the cattle enter the slope should be smooth, preferably covered with smooth sheet iron, and under the surface of the liquid at this end drop off steep, so as to cause the animals to slide in and, falling on their knees, go completely under. As the animal scrambles to his feet he should soon strike a more gentle slope at the other end which is rough, to enable him to walk out of the tank with ease, into the dripping pen. From the dripping pen the dip should drain directly back into the vat. The floor of this dripping pen should be concrete, or very tight-fitting plank.

Any reader of The Progressive Farmer and Gazette who wishes to build a dipping vat is advised to write the U. S. Department of Agriculture, Washington, D. C., for specifications and full instructions for building different kinds of vats.

The American Jersey Cattle Club and the Holstein-Friesian Association have each appropriated \$400 for a post-graduate scholarship in some agricultural college, these prizes to be given to the students standing first in the judging of these breeds at the National Dairy Show at Chicago, October 20-29, 1910.

### OAK GROVE FARM Wilsonville, Miss.

Chas. L. Will, Proprietor

I have to offer a few nice, smooth, well developed Poland China Boar and Sow Pigs, 6 months old, from such strains as Great Chief Troumseh and Royal U. S. Perfection. Some of them will hold their own in any company.

Prices range from \$12.50 to \$20.00, all registration charges paid. Crated light, f. o. b. Hermanville, Miss.

Satisfaction guaranteed. Refer to Mississippi Southern Bank, Port Gibson, Miss., or Bank of Hermanville, Hermanville, Miss.

### Reg. Berkshire Pigs FOR SALE

My herd of Berkshires consists of the most fashionable blood lines in America. Viz: descendants of Masterpiece, Lord Premier, Star Masterpiece, Premier Longfellow, Star Value, Baron Duke 50th and others of equal prominence. My motto is, "not how many, but how good." All pigs registered and transferred at my expense. I have eight sows that will farrow between now and Nov. 1st. Pigs, Pedigree and Price to suit most fastidious breeders. W. H. H. LEWIS, M. D., Fayette, Miss.

Poland Chinas The best Pigs I ever raised. Now ready to ship. Every one can be registered. Are well represented by Chief Perfection breeding. W. S. POPE, Verona, Miss.

The Cook Farms Will Hold Their First Annual Sale

### FRIDAY, SEPTEMBER 30th

100 head Registered Saddle Mares, Colts and Fillies, Jennets and Colts. A number of Grand Champions and Premium Winners in this sale. This will be the grandest event of the kind ever held in Kentucky. Catalog now ready. J. F. COOK & CO., Lexington, Ky.

### Two Thoroughbred Stallions For Sale

3 and 4 years old, bays, black points. Sired by John R. Gentry's beautiful horses. R. D. HALL, Box 191, Florence, Ala.

### FANCY BERKSHIRE PIGS

I have ready to ship out now, two litters of Fancy bred Berkshire Pigs whose grand sire is Masterpiece 77000. E. N. BIGHAM, Pontotoc, Miss.

### PRIZE WINNING POLAND CHINAS

If you are going to buy hogs buy good hogs, they are the cheapest. My herd won nine ribbons at the Oklahoma State Fair 1909. A lot of Fancy Boars for sale. Write today.

J. R. SPARKS, - - Hunter, Okla.

### For Sale at Rosedale Farm

Three Poland China Brood Sows and one 8-month Gilt, also one 2-month old Boar Pig. The bunch for \$130.

N. K. Knox, : Hope Villa, La.

Breeder of Registered Duroc, Jersey and P. C. Hogs.

### FINEST DUROC JERSEY RED PIGS

For sale. Subject to registration. Prices reasonable. J. S. JOHNSON, BROOKHAVEN, 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 to-day.

Jackson Stock Farm,

Little Rock, - - Arkansas.

### BERKSHIRES AND JERSEYS.

For Sale: Berkshire pigs from registered stock \$10.00 each, F. O. B. here. Registered Jersey bulls, heifers, and cows. Write me.

HUGH CRITZ, - - - - - Starkville, Miss.

### SCOTT BERKSHIRE FARM

### SEPTEMBER OFFERINGS

- 5 May Pigs, 2 Sows and 3 Boars by Grand Champion of American Berkshire Show.
- 3 May Boars by Grand Champion of seven State Fairs.
- 2 Feb Boars and 2 Feb Gilts by 800 lb. son of Baron Duke 50th.
- 2 April Gilts, 10 June Pigs. One bred sow.

G. C. CLOYS, Union City, - Tennessee.

### The Kentucky Jack Farm

is the wholesale home for jacks, as we breed and raise the big mammoth Kentucky jacks, and sell you a first class jack 25 to 50 per cent. cheaper than a dealer or speculator can. Write to-day for prices on jacks, Jennets, and mules. A large lot to select from. Jos. E. Wright, Junction City, Ky.

### 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,

Magawah Meadows Stock Farm,

R. F. D. 1, - - - - - Crawford, Miss.

### BERKSHIRES

of the choicest strains in America, with the individualities that count in the show ring. Boar old enough for service. Pigs of both sexes ready to ship. Sired by my 700 lb. Pearl Boar Chalmers Premier 9th 118804, a son of Lord Premier 2nd 92708, a son of Lord Premier 56061, and out of choice sows of the best breeding. I am sure I can please any one wanting the best. My motto is do unto others as I would have others do unto me. L. D. ROBERTS, Rt. 1, Woodland, Miss.

### Fair View Farm Berkshires

Headed by Alabama Premier, 92333 and Fair View Lord Premier, 118960. Pigs ready to ship by these great boars and out of sows of approved blood lines and good individuality at reasonable prices. Write for prices and descriptions. Every thing guaranteed to be as represented.

R. E. MATTOX, - - Verona, Miss.