

Farm Department

Five Tons of Hay Where Bulrushes Grew.

Six years ago I had on my farm fifty acres of creek bottom land that needed drainage. This land was thought by most people to be of small value, since it was only fit for rough pasture for cattle.

The first step I took before tiling was to buy a Bostrom farm level and lay off the ditches where I thought they would do the most good. I found from the level that the land had plenty of fall and sufficient outlet, which is of first importance. I cut the ditches two and one-half to three feet deep and laid the tile with a fall of two inches to the 100 feet. The kind of tile used is what is called "seconds" in sewer pipe, two feet long, six inches for laterals and eight inches for mains.

I put in seven carloads of pipe, and it has proven entirely satisfactory to me. On some of this land that formerly grew bulrushes and wild grass I have made as high as five tons of timothy and clover hay per acre and seventy-five bushels of corn. It is now the most profitable land I have.—Chas. O. Browder, in Southern Agriculturist.

A Profitable Investment.

Making a good home garden is one of the vitally important means of cutting living expenses on the farm and thus increasing the amount of profits. It has been shown that more than 80 per cent of the food consumed by the farm family can be grown in a garden of reasonable size.

I always select for my garden the richest and mellowest spot of soil which is conveniently near the house. The rows run the long way so as to allow using a plow with minimum trouble. If a disk harrow is available the land should be disked before breaking, and then disked two or three times afterward, applying manure before each disk, if it is possible to obtain it. In an old garden, of course, this harrowing need not be done, but manure should be applied before breaking. The writer makes it a point to deepen the soil of his garden each year.—Southern Agriculturist.

When You Buy a Sire, Get a Good One.

A number of club members are asking questions about pure-bred sires. That means progress. The way to better live stock is through good sires. Perhaps we needn't say that any more, but we wish to add just a little to it. When you go to buy a sire, get a good one. Don't "save" a few dollars by buying an inferior animal. It will be the poorest saving you have ever done.

This does not mean that we advise any man to pay extravagant prices. Fancy blood-lines and show conformation are worth little in the sire that is to be used for grading up a herd or flock of scrubs. But individual excellence and sound breeding are worth money even then. Every pure-bred animal is not a good one. When you buy a sire, buy a good one. If you can't select him yourself, get a man who knows to do it for you. The Missouri Experiment Station says: "The selection of the sire demands equally as much attention as the entire group of females."—Southern Agriculturist.

The Automobile Has Become a Necessity.

Good roads and automobiles put the farmer in touch with the schools, the churches, relatives and friends at a distance. Auto trucks are fast taking the place of costly horse flesh. No up-to-date farmer can keep pace with progress who fails to realize the importance of using modern machinery for saving time and expense.

Again, the auto is doing much to promote contentment among our young people, in that they can enjoy the social feature of visiting each other. The isolation of the farm life in the past has been largely the cause of so many of our boys and girls leaving the farms. The auto is a time saver and therefore a money-maker.

I know a corn club boy who cleared money enough in four years to buy him a \$465 Ford. This same boy, with his sister, goes to the high school from home every morning, a distance of nine miles. His city cousin rarely ascribes to him the title of being "a clod hopper out of the sticks," etc.; and if they do, this boy knows that he is happier in the freedom of a farm home than he would be in the city.

The auto is a necessity if we are to equip our farms for both profit and pleasure.—C. P. Grizzard, in Southern Agriculturist.

As We View The Future of The Horse.

Although some of the prominent writers in dealing with the saddle horse situation in Kentucky seem to

view the future outlook with some degree of pessimism if not with trepidation, the Farmers Home Journal can not help but take the opposite view. It is true that there are few or horses of the higher type in Kentucky than has been known in many years, but this is a situation that can and will be remembered and one that is not fraught with the dangers of an overcrowded market. There is also a great scarcity of general utility horses, but when we take into consideration the fact that during the past two years over a million horses and mules have been exported to the war zone, there is no room left for speculation as to the cause of the shortage.

The advent of the automobile has, naturally, cut some figure in the horse industry and, we regret to say, has caused discouragement of some of our breeders. But we are convinced that this is the result of a state of mind rather than of a logical conclusion. No sane man believes that the horse will ever be displaced entirely by machinery, although in the Western countries, where large areas are being cultivated, the farm tractor has, at least for the present, diminished the demand for work horses. But, like the other sections of the country, these large tracts of land will one day be cut into smaller farms and the tractor will, to say the least, be less in demand.

Red-blooded Kentuckians will never cease to love the saddle horse. But to view this wonderful animal purely as a plaything or show horse, is an error that is made only by those who only see such animals in the show ring. Men are only children who have lived a little longer. It is therefore no matter of wonderment that the automobile, as a new toy in their hands, should supplant for a time even the companion of their youth, but as a woman said the other day while riding in her automobile: "This car is all right and I enjoy it, but I wish I had never sold my mare."

And there are others, who, in the course of time, will feel the same way.

How long would even a large supply of old-fashioned plantation walkers last were they on the market today? And we are almost tempted right here to suggest that, in our opinion, better results might be forthcoming in the future if our breeders would lean more toward the practical type than the show horse, but for fear we will get into deep water we will not even hint at it. It is a well known fact among the breeders that the scarcity of mule mares has reached the danger point. As a result jack stock is not showing the demand it has in the past, and the future of the mule market is endangered.

What are we going to do about it? Continue to take the pessimistic side of the situation and wake up just in time to find another market developing that may mean hard work in the future to hold our own? We believe the breeders will realize that now is the time to breed their mares to good stallions, for as sure as the monarchies of Europe are doomed so sure will there be a demand during the next few years that can not be met unless this is done.

A writer in one of the horse papers of the State took us to task the other day because we published an article written by one of our regular contributors in which he dealt rather critically with the matter of placing thoroughbred stallions over the State for breeding purposes. As we have said before, the Farmers Home Journal publishes a great many articles with which we do not entirely concur, but we feel that every man has a right to the expression of his opinion and our policy is to play no favorites. The Farmers Home Journal does not, as suggested in the newspaper article, stand alone for any single breed, but it stands first, last and all the time for the general interests of the farmers and breeders of the South, no matter what particular line or breed they are promoting.—Farmers Home Journal.

Once more—are the machinery and the manure out in the weather? They shouldn't be.—Southern Agriculturist.

How to Get a Crop of Corn.

A glance at the government record shows that this subject is now arousing more interest than ever. The average farm value of corn on December 1, 1916, was \$8.9 cents per bushel. The average for the preceding 5 years was a little less than 58 cents. The prospects for the man who knows how to make his corn fields do their best are bright, indeed. But, it takes real farming knowledge to grow a big crop of sound, mature corn. Most farmers remember the fall of

1915 when a large part of the corn in the northern States failed to ripen. Investigations have shown that such a disaster with its attendant loss can be prevented. That's one of the points fully explained in a meaty 64-page bulletin prepared by Dr. H. J. Wheeler, former director of the Rhode Island Experiment Station. It gives plain, practical instructions for raising money-making corn crops—proven facts that have brought success to thousands of farmers.

An especially helpful feature of this new bulletin is the careful consideration of climate differences from Maine and Minnesota to Florida and Texas. Wherever you live, whatever your soil, you will find the discussion in this book adapted to your needs. Both dent and flint corns are considered. Besides, there are interesting chapters on sweet corn and popcorn—two juniors of the corn family that have brought a nice bit of ready money to many a farmer.

The world is looking to America for its food supply. Wide-awake farmers realize that this is a time when it will pay to increase production somewhat. This bulletin contains hints which can be turned into extra bushels of corn at harvest. Yet it's absolutely free. Better send a postal to-day before the matter slips from your mind. It's the first step toward more corn money. Ask for "Bulletin No. 896" and address The American Agricultural Chemical Company, 92 State St., Boston, Mass.

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MASTER COMMISSIONER'S SALE.

Ohio Circuit Court.
Clay E. Shown, et al., Plaintiffs,
vs.—Notice of Sale.

Garfield Barnard, &c., Defendants.

Pursuant to a judgment and order of sale of the Ohio Circuit Court rendered at its March term, 1917, in the above styled action, for the purpose of a distribution of the proceeds among the parties to said action, after the payment of all costs, including the cost of this sale, I will offer for sale at public outcry, to the highest and best bidder, at the court house door, in Hartford, Ohio county, Kentucky, on Monday, the 2nd day of April, 1917, between the hours of one and four o'clock p. m., upon a credit of six and twelve months, the following described property to-wit:

A certain tract or parcel of land in the bottoms of Rough River, near Hartford, Ohio county, Kentucky, and bounded as follows: Beginning at a stake on the Hartford and Owensboro road, a south-west corner of the original tract on said road; thence with said road N. 21 W. 527 feet to a stone on said road; thence N. 84 1/2 E. 3490 feet to a stone on Peyton's slough; thence with said slough, S. 1 1/2 W. 395 feet, 521 1/2 E. 250 feet S. 64 1/2 W. 262 feet, 531 1/2 236, S. 6 1/2 E. 153 feet, S. 39 1/2 W. 252 S. 21, W. 172 to a stake, R. Holbrook, V. Elgin's, or Bond Bros. corner; thence with their line, N. 82 W. passing their and S. T. Barnett's corner at 1012 feet, Barnett's and R. B. Martin's corner at 1730 feet, in all 3025 feet to the beginning, containing 69.86 acres. Same land conveyed to Felix A. Shaver, by C. M. Barnett and wife, and S. E. Bennett and wife, by deed of March 30, 1909, and recorded in deed book 36, page 415, Ohio County Court Clerk's office.

The purchaser will be required to execute bond with good and sufficient security immediately after sale, and a lien will be retained on the land until the purchase money bonds are paid in full.

Given under my hand this March 13, 1917.

OTTO C. MARTIN,
Master Commissioner.

Glenn & Zimmerman, Attorneys.

Not Like Certain Others.
It is reported that Villa has shot his stenographer for doing too much writing. Therefore, reasons the Cleveland Leader, it couldn't have been an American stenographer.—Topeka (Kan.) Journal.

MASTER COMMISSIONER'S SALE.

Ohio Circuit Court.

John Spurrier and R. H. Spurrier,
Adms. of the estate of S. J. Weller, deceased, Plaintiffs,
vs.—Notice.

Mary F. Weller, et al., Defendants.

By virtue of a judgment and order of sale of the Ohio Circuit Court, rendered at its November term, 1916, in the above cause, for the purpose of paying all just claims against the estate of S. J. Weller, deceased, and a distribution of the remainder of the proceeds among those entitled thereto, and for the payment of the costs of this sale, I will offer for sale at public auction, to the highest and best bidder, at the court house door in Hartford, Kentucky, on Monday, April 2nd, 1917, at about the hour of one o'clock p. m., upon a credit of six and twelve months, the following described property, to-wit:

A tract of land in Ohio County, Kentucky, on the waters of Halls Creek and bounded as follows: Beginning at a poplar, white oak and black oak and dogwood (now a stone also) the N. W. corner of the second land; thence with an old line N. 44 E. 290 poles to two black gums, three black oaks

and dogwood in line of Jackson's 1141 acre survey; thence with a line of said survey North 51 west (the patent call is N. 52 W.) 186 poles to 3 white oaks and three small black oaks, also corner to Henry Dever; thence with a line of said Dever S. 44 W. 256 poles to two white oaks and three small black oaks, old corner to said Dever; thence with an old line S. 62 E. — poles to the beginning, containing 354 acres, more or less. Being same land conveyed to S. J. Weller by his brothers and sisters, R. S. Weller and wife, et al., July 23, 1906, which deed is of record in deed book 35, page 207, Ohio County Clerk's office.

The above boundary will be sold subject to a homestead interest adjudged to the widow, Mary F. Weller.

Also the following described tracts of land:

Two lots situated in the town of Dundee, Ohio county, Kentucky and bounded as follows:

1st lot—Beginning at a stone in the Hartford and Narrows road on the north side; thence N. 83 degrees 40 E. 141 1/2 feet to a stone in the Hartford and Narrows road; thence N. 12 degrees 30 E. 208 1/2 feet to a stone in corner of L. P. Miller's lot; thence with his line N. 69 degrees 50 W. 171 feet to a stone in south-west corner of L. P. Miller's lot; thence on a straight line 286 feet to the beginning. Being a part of the same land conveyed to Wm. V. Sprole by B. F. Dean and Elizabeth Bean, his wife, on the 29th day of August, 1907, and recorded in deed book 31, page 610, Ohio County Clerk's office. Being same lot conveyed to decedent by W. V. Sprole and wife on November 12, 1909, which deed is of record in deed book 37, page 520, Ohio County Clerk's office.

2nd lot—Beginning at a stone on S. side of Pittsburgh Alley; thence S. 82 W. 4 1/2 poles to a stone; thence S. 82 W. 13 links to a stone; thence S. 85 W. 4 poles and 2 links to a stone; thence N. 6 W. 4 poles and 2 links to south side of Pittsburgh Alley, and with the same N. 85 E. 9 poles and 4 links to the beginning, containing approximately 1/4 acre. Being the same lot conveyed to grantor by J. D. Ralph and wife April 29, 1911, recorded in deed book 49, page 277, Ohio County Clerk's office. Being same lot conveyed to decedent on February 1st, 1913, by Albert Cox and wife, which deed is of record in deed book 46, page 341, Ohio County Clerk's office.

The purchaser will be required to execute bond immediately after sale with good and sufficient security and a lien will be retained on the land as further security.

Given under my hand this 13th day of March, 1917.

OTTO C. MARTIN,
Master Commissioner.

M. L. Heavrin, Attorney.

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