

DIVERSIFICATION ON SOUTHERN FARMS

Crops Must Be Diversified to Keep Our Money at Home.

BREEDING HORSES AND MULES

Big Key to Agricultural Reform in the South is More Labor-Saving Machinery on the Farm—Chief Cause of Poverty.

(By G. H. ALFORD.)

We must diversify our crops and keep our money at home to build magnificent homes, churches, school houses, and good roads, and to educate our children and fill our banks to overflowing; keep out of debt and insist on getting all that we buy at the lowest price for cash; increase the fertility of our soils by reducing washing to the minimum, by deep plowing and turning under vegetable matter, a rotation of crops, including leguminous crops, and the addition of barnyard manure and ground phosphate rock; plant the most prolific seed instead of seed that have run out; use economic plants, such as legumes, and small grains and sorghum for feed instead of so much expensive corn; use commercial fertilizers judiciously; drain our lands better; give our soil better preparation and frequent and shallow cultivation, but the use of more horse power is probably the most effective remedy for poverty in the south.

The big key to agricultural reform in the south is more horse power and labor-saving implements on the farm. The average farm worker toils with a small mule or horse, and his total annual income is only about \$148. In Iowa, the average farm worker uses nearly four large horses and produces \$611.11 annually, exclusive of stock. An analysis of the different states show a much smaller use of power on the southern farms than in any other section of the country, and consequently less use of labor-saving farm implements and correspondingly lower capacity of the farmers.

Probably the chief cause of poverty in the south is the one-horse breaking

spare. It is perfectly clear that when work done on a farm by two geldings or mules is equally as well done by three mares at a very slight expense in feed cost, and when such extra feed cost is set-off with a balance of \$100 to \$150 to spare, that it is an economic waste not to use mares. The man who uses mares and produces colts adds to his own wealth and to that of the community where he resides.

We must get pure bred draft sires if we are to build up our present under-sized stock of mares into good-sized, well-built draft mares for farm work and colt production. Of course, there is a splendid opportunity at the present time for many southern farm-



Two-Horse Cultivator.

ers to purchase such draft mares as are suited to southern conditions, but we cannot go north and west and buy such grade draft mares as cheaply as we can grow them. Furthermore, we cannot purchase a sufficient number of draft mares to make much progress within two or three generations. The colt from a first-class draft sire and one of our small mares will usually weigh from 1,100 to 1,400 pounds. Two or three successive crosses with pure bred draft sires will build this undersized stock up into a

THOUSANDS OF AVAILABLE HOMESTEADS

Western Canada's Homestead Area Being Increased.

The great rush for homesteads whenever a reservation is opened by the U. S. government reveals the fact that there is a great desire on the part of the American people to get land. The fact that tens of thousands are on hand at every opening, and only a few hundred homesteads are available shows that the available agricultural lands which are in the gift of the government are rapidly diminishing. In addition to this agricultural lands that are of proved value have advanced in price to such an extent that it becomes a serious question to the man with moderate means who intends to go into farming, where he shall go. Fortunately there is yet to be had in Western Canada, either in Manitoba, Saskatchewan or Alberta, thousands of free homesteads of 160 acres each, which may be had, by the simple process of filing, paying a ten dollar entrance fee, and living on it for six months each year for three years. There is no necessity to make a long, tedious and expensive journey, only to find you have one chance in fifty of getting what you want. Although this homesteading has been going on in Canada for a number of years, and hundreds of thousands of them have been taken by hundreds of thousands of Americans, there remains sufficient to last for some time, and of as good land as any that has yet been taken up. In fact, in the opinion of very many, those that are left are of the best. They comprise lands that give the opportunity to indulge in the growing of grain, whether it be wheat, oats, barley or flax, but in addition these lands are admirably adapted for mixed farming, a class of farming that is certain to give better returns than that of all grain-growing. Cattle thrive and fatten on the nutritious grasses; dairying can be carried on successfully; timber for building is within reach, and water is easy to get. These lands are located in the park districts of any of the three provinces; groves of trees intersperse the landscape and give it a beauty that can only be attained in the more open prairie sections by the planting of trees. Tree culture by the way is being carried on to a great extent. Besides these free grant lands there are lands which may be had by purchasing from railways and private companies and individuals. These lands have not increased in price as their productive qualities and their location might have warranted, and may still be had at reasonably low prices and on easy terms. The crop in Western Canada in 1913 was one of the best of the number of good crops that that country has raised. Wheat has been reported with yields of from 30 to 45 bushels per acre, and other grain with like heavy yields.—Advertisement.

Not for Ten Cents. During Robert Edson's last visit in the south he had occasion to spend the Sabbath with an acquaintance who owned a big plantation near Port Gibson, Miss. Some time in the afternoon a large gathering of negroes appeared on the banks of a stream that skirted the farm, attracted by a baptism. Mr. Edson, calling to a black boy who was looking on, said: "Isaac, I'll give you a dime if you will be baptized this afternoon." For fully three minutes the darkey looked at Mr. Edson, then he answered: "No, sah; you can't git me to fool wit the Lord for ten cents."

Thought "Katy" Was a New Dance. "Two traveling men on an M. K. & T. train," says the Parsons Sun, "were talking of their trips and a young fellow sitting across the aisle caught snatches of their conversation. His curiosity got the better of him and he bent forward and addressed the man in the seat ahead of him: 'Say, hear those ginks talking over there? I've done the "Texas Tommy," "The Tango," "The Hesitation Waltz," and some others, but when it comes to "doing the Katy," I pass. What kind of a wiggle is it, anyway?'"—Kansas City Star.

Social Engagement Line. A sweet young thing called to have a telephone installed in her residence. "Independent or party line?" asked the manager. "We have a great many social obligations," simpered the sweet young thing, "so I think you can make it a party line, even if it does cost a little more."—Judge.

HOW TO TREAT PIMPLES AND BLACKHEADS

For pimples and blackheads the following is a most effective and economical treatment: Gently smear the affected parts with Cuticura Ointment on the end of the finger, but do not rub. Wash off the Cuticura Ointment in five minutes with Cuticura Soap and hot water and continue bathing for some minutes. This treatment is best on rising and retiring. At other times use Cuticura Soap freely for the toilet and bath, to assist in preventing inflammation, irritation and clogging of the pores, the common cause of pimples, blackheads, redness and roughness, yellow, oily, mottled and other unwholesome conditions of the skin. Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address post-card "Cuticura, Dept. L, Boston."—Adv.

Disappointed in Daddy. The young daughter of a wealthy man was ill, and papa asked what he should bring her from town for comfort. The little girl asked for a new number of a certain popular juvenile series. Papa returned with the report that the desired book would not be published for some time. "Well, I don't see what the use of being a successful business man if you can't even get a book that isn't published," grunted the disappointed damsel. "Anyone can get a new book when it's out."

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c a bottle.

Didn't Want to Be Bothered. "George, I wish you would bring home the new book for table manners that I saw advertised today."

"Never. Do you want to rob me of all the enjoyment my meals give me?"

HOPE TO RAISE LARGE SUM

Millions of Red Cross Christmas Seals to Be Sold for Anti-Tuberculosis Work.

Few people have any idea of the magnitude of the Red Cross Christmas seal campaign. This year over 100,000,000 seals have been printed and distributed. If placed end-to-end these seals would extend nearly 2,400 miles, or practically from New York to Salt Lake City. They have been sent to over 25,000 different agents and will be sold and handled by an army of not less than 100,000 volunteers, including men, women and children. Millions of advertising circulars have been scattered throughout the country, and so thoroughly has the advertising campaign been organized that it is doubtful if many people in the more populous states of the country will not have heard of the Red Cross seal and its mission in the prevention of tuberculosis. It is hoped that at least 50,000,000 seals may be sold this year. The principle upon which the sale of seals is based is that every cent except what little is needed to cover the actual cost of printing and handling shall be spent for tuberculosis work in the community, where the seals are sold.

SEEMED LIKE 'RUBBING IT IN'

Algernon Really Had a Right to Resist This Last Action of Unfeeling Editor.

Algernon was a free-lance journalist, and at the moment could have done with considerably less freedom—and more money. In fact, he was beginning to realize that a regular salary had its advantages.

So was Algernon's wife. A somewhat gloomy silence was broken by the letter carrier's knock, and, restraining any undignified haste, Algernon went to the box. It contained a foolscap envelope, which is not the kind that editors drop checks into.

"Shades of the poets!" quoth Algernon. "This is really more than I can bear!"

"What is it, dear?" piped his wife.

"What is it? Why, I sent this editor two stories and the heartless fellow has returned three!"

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Fashion's Slave. Willie—Paw, what is a slave to fashion? Paw—A man who has a wife and some grown daughters, my son.

Nearly all men are too lazy even to think for themselves. Thinking is hard work.

Whenever You Need a General Tonic Take Grove's

The Old Standard Grove's Tasteless chill Tonic

Is Equally Valuable as a General Strengthening Tonic, Because it Acts on the Liver, Drives Out Malaria, Enriches the Blood and Builds Up the Whole System.

You know what you are taking when you take Grove's Tasteless chill Tonic, as the formula is printed on every label, showing that it contains the well-known tonic properties of QUININE and IRON. It has no equal for Malaria, Chills and Fever, Weakness, General Debility and Loss of Appetite. Gives life and vigor to Nursing Mothers and Pale, Sickly Children. A True Tonic and Sure Appetizer. For grown people and children. Guaranteed by your Druggist. We mean it. 50c.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors all fibers. They dye in cold water better than any other dye. You can dye any garment without ripping apart. WRITE FOR FREE booklet, calendar, blotters, etc. MONROE DRUG COMPANY, Quincy, Ill.

The total amount of money reposing on the oceans' bottoms in the shape of submarine cables is \$250,000,000.

READERS of this paper desiring to buy anything advertised in its columns should insist upon having what they ask for, refusing all substitutes or imitations.

PISO'S REMEDY Best Cough Syrup. Taste Good. Use in time. Sold by Druggists. FOR COUGHS AND COLDS.

The largest and highest cactus in the world is found in Arizona. It is 232 feet in height.

Hunting and Fishing On the Gulf Coast of Texas

With hunting bag or creel there is no need of passing a single idle hour along the Texas Coast. The lordly tarpon offers more excitement than the northern muscallonge; there are bass, sea trout, mackerel and dozens of other gamey fish. In season ducks and geese flock to the waters of the Gulf literally by "the million."

The way to go is via MKT

For the man who wants to get really close to nature, there's a stretch of hundreds of miles of gulf coast with bays, inlets and coves where he may pitch his tent in quietude and have all the fishing or, in the hunting season, all the shooting he desires. For fares, berths or any travel information, write

W. S. ST. GEORGE General Passenger Agent M. K. & T. Lines, B15 Railway Exchange Bldg., St. Louis, Mo.

Constipation Vanishes Forever

Prompt Relief—Permanent Cure CARTER'S LITTLE LIVER PILLS never fail. Purely vegetable—act surely but gently on the liver. Stop after dinner distress—cure indigestion, improve the complexion, brighten the eyes. SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature.

Where He Won Out. "Have any luck on your hunting trip?" "Yes; I missed three guides I shot at for deer."—Detroit Free Press.

They stop the tickle—Dean's Mentholated Cough Drops stop coughs by stopping the cause—3c at Drug Stores.

Funny as a Crutch. "Played a good joke on my fiancée." "How was that, old top?" "Had my chum meet her in the dark hall and he got the kiss intended for me. Good joke, eh, what?"

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *W. L. Douglas* in Use For Over 30 Years. Children Cry for Fletcher's Castoria

Sure Wealthy. "Is he rich?" "I should say he is. He's got three lawyers and four bookkeepers and seven expert accountants figuring out his income tax."—Detroit Free Press.

W. L. DOUGLAS SHOES

Men's \$2.00 \$2.50 \$3.00 Women's \$1.50 \$2.00 \$2.50 Children's \$1.00 \$1.50 \$2.00

Began business in 1874; now the largest maker of \$1, \$2.50 and \$4 shoes in the world.

Over 100 styles, sizes and widths. W. L. Douglas shoes are famous everywhere. Why not give them a try? The value you will receive for your money will astonish you.

If you would visit our factory, the largest in the world under one roof, and see how carefully W. L. Douglas shoes are made, you would understand why they are warranted to look better, fit better, hold their shape and wear longer than other makes for the price.

Your dealer should supply you with them. Don't take a substitute. None are genuine without W. L. Douglas name stamped on bottom. Shoes sent everywhere, direct from factory by Parcel Post, postage free. Now is the time to begin to save money on your footwear. Write today for illustrated Catalog showing how to order by mail. W. L. DOUGLAS, 210 Sparks St., Brockton, Mass.

BUY OF GROWER, choice reclaimed, non-irrigated 1913 Alfalfa seed, \$7.50 per bush, sacks free. Ben Wilson, R. 4, Winfield, Kansas.

The Typewriter for the Rural Business Man

Whether you are a small town merchant or a farmer, you need a typewriter. If you are writing your letters and bills by hand, you are not getting full efficiency.

It doesn't require an expert operator to run the L. C. Smith & Bros. typewriter. It is simple, compact, complete, durable.

Send in the attached coupon and we will give especial attention to your typewriter needs.

L. C. Smith & Bros. Typewriter Co., Syracuse, N. Y. Please send me your free book about typewriters.

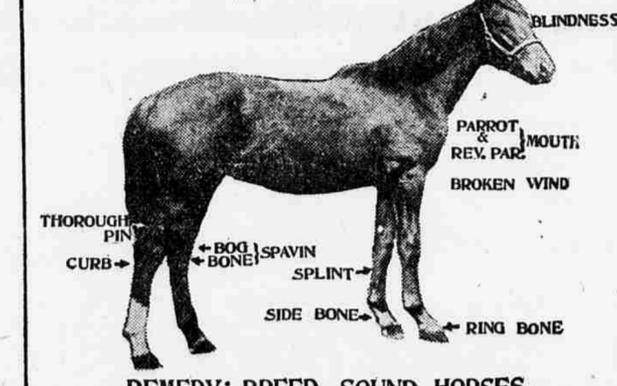
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PARKER'S HAIR BALM

A toilet preparation of merit. Helps to eradicate dandruff. For restoring color and beauty to Gray or Faded Hair. Sells at 25c and 50c at Druggists.

W. N. U., ST. LOUIS, MO. 51-1913.

AN UNSOUNDNESS IS ANYTHING WHICH WILL INTERFERE WITH THE PRESENT OR WITH THE FUTURE USEFULNESS OF THE HORSE.



REMEDY: BREED SOUND HORSES.

plow. The small mule and a small turning plow is a guarantee of shallow soil devoid of vegetable matter or humus. A shallow soil devoid of vegetable matter means small crops and poor farmers. The soil should be deep and full of humus in order to increase the storage capacity for water and thereby enable it to hold enough water to carry the crop through the longest drought in the summer though heavily fertilized. We cannot plow deep or turn under the corn and cotton stalks, oat and pea stubble, grass and weeds with a one-horse plow.

Cultivating crops with one-horse plows and one-horse cultivators is a slow process and should not be practiced unless the land is full of roots and stumps. This is an age of labor-saving farm implements, and no farmer can afford to walk down each middle three or four times at each cultivation. The one-row cultivator should be used by every farmer.

The farmers of the south should raise the necessary horse power. Millions of dollars are leaving the south each year for the purchase of mules and horses. Few small farmers can afford to keep mules and geldings. At least half the work stock on southern farms should be draft mares, actively engaged in heavy work and mule production. It is a great economic waste not to use one or more draft mares on every farm.

The man who employs mules or geldings in farm operations receives in return only their labor. Mares employed for farm work, if intelligently handled, can do all the work that is required and will produce in addition a considerable number of colts, which rapidly develop into marketable animals, thereby adding to the farm income.

It is generally considered that three brood mares must be kept to do the same work that can be done by a pair of mules or geldings of equal strength, but the difference in feed cost is slight, and the value of the colts produced offsets such difference in feed costs with a considerable balance to

good grade of draft mares weighing from 1,200 to 1,500 pounds of fairly good type.

Draft horse sires must not only have weight, but they must possess quality. It has been found that the heavy quality will perform more work with greater ease than will the horse of phlegmatic disposition and temperament. The draft horse that is suited for the south must possess quality. There must be no tendency to coarseness, heavy coats of hair, or sluggish disposition.

The prejudice that exists against the size of the draft horse is not well founded. The Tennessee experiment station uses heavy draft Percheron mares with pronounced success. They perform heavy work at this station and at many farms throughout the entire summer of each year beside small southern-grown horses and mules and without greater discomfort. Aside from being in harness every day, the two mares at the Tennessee station reared a heavy pair of colts that the station refused \$400 for when six months old.

The mule is one of the most vital cogs in the industrial, commercial and agricultural progress of the south. It is in consequence of his faithful service that the larger part of corn, rice and cotton, as well as numerous other crops, are produced and transported to market. The mule is without a rival for work in the logging camps, while he excels as a beast of burden in the railroad camps and for trucking and for livery purposes in the cities. He possesses the ability to resist disease and withstand the strain of severe labor on less and poorer feed than the horse. In many lines of work, and particularly those just mentioned, the mule is decidedly superior to the horse, and I have no quarrel with those who claim a mule is more economically fed and a more efficient work animal than a horse of equal weight. At the same time, it must be admitted that the mule is without pride of ancestry or hope of posterity and valueless for any purpose other than labor.

Death Lurks In A Weak Heart

If Yours is fluttering or weak, use RENOVINE. Made by Van Vleet-Mansfield Drug Co., Memphis, Tenn. Price \$1.00