THERE IS GOOD PROFIT IN FEEDING CATTLE

Feeder Steers Making Use of Roughage.

Touching on the subject of cattle feeding for profit and to increase the fertility of the soil a bulletin issued by the Mississippi Agricultural College and experiment station says:

More farmers in Mississippi should begin the work of feeding cattle on their lands to increase the fertility of their soil and for the money there is in the work.

Should the farmer be able to utilize his farm hands all of the year around and have a work for himself that will produce an income farming would certainly become more profitable. All of the year-round-farming and keeping things going during winter and summer and there would be a different showing on the profit side of the farm ledger.

Here is a partial summary of a work done by Prof. Archibald Smith while at South Carolina experiment station.

This kind of work carried on by the farmer on his own farm would give an impetus to the cattle business and double the price of cattle as now sold in many communities. The fattened article is a good seller at a good price and a good profit but the low grade stuff is hard to sell and gives little profit.

Here is what Prof. Smith has to say of the work of feeding three lots of steers:

Our experiments with three car loads of cattle indicate clearly that corn silage and stover are equally as valuable as hulls for feeding beef cattle and much more profitable to feed. The profit made in feeding the three lots of cattle is of minor importance, as the results would vary with a change in the purchase or selling price of cattle, or the price of feed. What is of permanent importance is the cost per pound of gain from the different rations, and the price per ton the cattle were able to pay for roughage.

With cotton seed meal at $24 per ton and freight charges of $100 on 60 cattle, Lot No. 1 paid $6.86 per ton for silage, Lot No. 2 paid $7.91 per ton for stover, and Lot No. 3 paid $7.00 per ton for hulls.

The prices obtained for the silage and stover is fully double the cost of production, thus leaving the farm a good profit for growing them.

The cattle fed silage made greater and cheaper gains than the other two lots, and took on a better finish.

The cattle fed stover made slightly better gains than the lot fed on hulls, and at less cost.

The cotton seed meal required per pound of gain in the silage fed steers is 3.22 pounds as compared with 4.57 pounds in the stover fed lot, and 4.69 pounds in the lot fed hulls. The cost of gain was 6.4c per pound with the silage fed cattle, 9.82c per pound with the lot fed stover, and 11.9c per pound with the lot fed on hulls.

In the 344,080 pounds, or 172 tons, of fertilizer obtained from the 60 cattle, there is a difference of only $45.84 in three-fourths of the manurial value of the feed and the actual value as shown by weight and analysis. The shed in which the cattle were fed was not floored, was kept fairly well bedded. The high value of $3.42 per ton for the manure will illustrate the necessity and advantages of feeding the cattle under conditions that will prevent unnecessary loss when the cattle are not fed in the fields where the manure is required.

When cattle are fed on a cement floor, and sufficient bedding used, our experiments would indicate that three-fourths of the manurial value of the feed will be available for use in the fields, which may be counted as added profits, less the cost of labor.

SHORT ON BROTHERLY LOVE

Luckily William Had Grace Enough to Remember That Henry Was Sacred.

William was not kind to his small brother Henry; in fact, he looked upon him as a nuisance, a scourge sent from heaven to try his spirit and spoil his fun. Especially that day was Henry a thorn in the older boy's flesh. In his efforts to rid himself of his burden, William resorted to all the methods the mind of youth suggested, but in vain. Henry continued to stick as close, if not closer, than a brother.

"William, finally said the boy's father, who had witnessed, unheard, the final paroxysm of the unequal struggle, "you should be ashamed of yourself to treat your little brother in that way! He ought to be sacred to you."

William made no reply; but shortly afterward, believing himself to be free of surveillance, he was heard to address Henry thus: "Always taggin' after me! If you weren't sacred I'd break your blamed face for you!"—The Sunday Magazine.

FACE DISFIGURED WITH SKIN TROUBLE

3107 Foster Ave., Baltimore, Md.—"About five months ago little blisters appeared on my face. They looked like blisters from fire burns. They itched and burned something terrible, which caused me to rub them and they burst, then sores appeared which disfigured my face. My face was all full of sores. The disease spread from my face to my neck and back. When anything touched them they would burn and stick to my clothes, which kept me from sleeping and made me suffer terribly.

"I used home remedies and I used a salve but it did no good. I suffered about three months then I saw the Cuticura Soap and Ointment advertised and I thought I would send and get a sample and try them. I used the sample of Cuticura Soap and Ointment and they helped me a great deal, so I bought some and used them about two months and they completely cured me." (Signed) Edward V. Thomas, Mar. 26, 1912.

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.

Backache Makes Anyone Feel Old

Nothing ages anyone more quickly than weak kidneys.

It is not alone the aching back, the stiff, painful joints, but the evil effect of bad, poisoned blood on the nerves, the vital organs and the digestion.

The condition of the kidneys makes good health or ill-health.

The kidneys are the filters of the blood.

Active kidneys filter from the blood every day over one ounce of poisonous waste and pass it off dissolved in the urine.

If the kidneys are weak or diseased, only part of this filtering is done and the blood is heavy with uric acid and other poisonous or waste matter.

Instead of being nourished by the blood, the nerves and vital organs are irritated, and the circulation, digestion, etc., are disturbed.

If your back aches constantly, if your joints are stiff, lame and painful, suspect the kidneys.

Kidney sufferers are likely to feel dull, heavy, restless at night, rheumatic, dizzy at times, subject to headaches and annoyed with sharp, piercing pains that make work an agony and rest impossible.

Doan's Kidney Pills are the best-recommended and most widely used remedy for weak or diseased kidneys. They act quickly; contain no poisonous nor habit-forming drugs and leave no bad after-effects of any kind—just make you feel better all over.

"Every Picture Tells a Story"

The following case is typical of the cures effected by Doan's Kidney Pills. Grateful testimony is the best evidence.

SAVED HIS LIFE.

Made Well After Doctors Gave Up Hope.

E. D. Wert, Port Aransas, Texas, says: "The secretions from my kidneys were too frequent in passage, burned terribly and contained a thick, red brick-dust sediment. My back ached all the time and there were pains through my kidneys and sides. I simply couldn't straighten after stooping. When in bed, I couldn't even turn on my side. I had awful dizzy and nervous spells and my eyes got so bad that I couldn't use them much. I was confined to my bed for months. Finally, my own doctor called in a specialist for consultation. They told me I had but a short time to live. I happened to read of a similar case that had been cured by Doan's Kidney Pills. I sent for this remedy at once and from the time I began using it, I felt better and stronger. In two months I was able to work every day, and in another month I was as well as ever. For twelve years I have had no sign of kidney trouble."

"When Your Back is Lame—Remember the Name"

DOAN'S KIDNEY PILLS

Sold by all Dealers. Price 50 cents. Foster-Milburn Co., Buffalo, N. Y., Proprietors

UTILIZE COTTON SEED

Manurial Value of Product Is Often Overlooked.

Plant Food in Average Ton Estimated to Be Worth $23.70—Goes Hand in Hand With Leguminous Crops Furnishing Nitrogens.

(By DR. GEORGE S. FRAPS, Texas Experiment Station.)

In discussing the ways in which the value of cotton products may be utilized to the utmost, the value of the manure from animals fed on cotton seed meal must not be neglected, though it is too often disregarded.

In most northern states, cotton seed meal is purchased for feeding with the full knowledge that it has a high manurial value. Hence the manure from it is saved very carefully, and the feeder obtains double use; first as a feeding stuff, then as a manure. He can therefore afford to pay a higher price than many of his southern brothers, who realize only on the feeding value of this product. The purchase of concentrated feeding stuffs, with careful saving of manure, is as recognized means of adding fertility to the soil as the purchase of fertilizers. Hand in hand with it goes the growth of leguminous crops, cowpeas, clover, alfalfa, vetches, etc., which take up nitrogen from the air, are fed to the animal, and, in the form of manure go to the soil to increase its content of nitrogen.

The plant food in an average ton of cotton seed meal is estimated to be worth $23.70. Only a comparatively small part of this is retained in the animal, with a liberal allowance, the value of the excreta, solid and liquid, would be $20 for each ton of cotton seed meal fed. The weight would of course be considerably more than a ton, since a large amount of water is present, besides the residues of the hulls or other roughage fed along with the meal.

There are certain unavoidable losses connected with the collection and preservation of manure, but the manure from a ton of cotton seed meal should be worth at least $10 to $15, properly cared for. In a great many cases, however, only a small part of the manurial value of the meal is realized. The liquid manure is lost, the solid manure is exposed to the rains until the most valuable portions are wasted out of it; in such cases only a small part of the manurial value of the meal is realized.

It is well to understand that when cotton seed meal is fed its value does not end; that the manure from it too often despised, neglected, or improperly cared for, makes up a considable part of its value; and that those who take advantage of both its feeding value and its manurial value, so far as is possible, can afford to pay a better price for it than those who utilize only its feeding value.

GOOD AID FOR HORSESHOERS

Apparatus, Strapped on Animal's Back, Holds Foot Up and Eliminates Danger of Kicking.

Horseshoeing has been made a simpler and safer operation through the invention of an Alabama man. This consists of an apparatus that straps on the back of the horse or mule and holds up the foot to be shod, thus saving the blacksmith the trouble of holding it between his knees and eliminating the possibility of the animal kicking the man through the wall when he gets restless. A saddle, with a lever pivoted to it, is strapped to the horse's back. Pivoted to the lever is a long bar that runs over the animal's back, with the front end fastened to his collar. Over the rear end of the bar hangs a foot support with a band that

Horseshoer's Aid.

is fastened around the horse's foot and holds it up at whatever height the blacksmith desires, also preventing the beast from kicking.

Time Required for Hatching.

The period of incubation for fowls is 21 days, for ducks, turkeys and guineas 28 days, and geese from 30 to 35 days. Small active varieties of fowls, such as Leghorns, often hatch in less than 21 days. Hatches may be delayed a day or two by the action of the hen. She may not sit on the eggs closely the first day, or she may forsake the nest too long during the hatch The latter may also cause weakness in the chicks. During cold weather the eggs may be chilled in fifteen minutes, while in warm weather the hen may forsake her nest for hours without materially affecting the hatch.

The Farm Mules.

Mules are ready for work younger than horses. They are able to endure as much at two years as a colt will at three or four.

Not Ready to Decorate.

J. D. Bowersock of Lawrence was explaining to the Kansas editors last week how he feels toward certain editors. "I am like the Dutchman," said he. "The Dutchman came to town on Decoration day. He saw the flags flying and the people going to the cemetery with large bunches of flowers. He asked what it meant. 'Why, this is Decoration day,' said one. 'Don't you know what that is?' The Dutchman confessed that he didn't. The man then explained it.' 'Isn't there some one at rest in the cemetery whose grave you would like to decorate with flowers?' asked the man. The Dutchman shook his head and replied: 'Dose peebles vat graves I like to degorate are not dead yet.'"—Kansas City Star.

Wanted Slaves for Missouri.

On January 27, 1778, Don Bernardo de Galvez, governor of the Spanish province of Louisiana, which included Missouri, petitioned the king of Spain for aid for the settlers along the Missouri river and Mississippi river in Missouri. "The said inhabitants," he wrote, "in order to promote the culture of these plants (flax and hemp), would desire that the compassion of the king should deign to provide them with negro slaves on credit, for whom they may pay with the crops aforesaid."

Limited Knowledge.

A Muncie bride of two months went into a department store of the city to buy four pairs of socks for her husband.

"What size, please?" asked the young woman clerk.

"Well, all I know is he wears a 14 collar, replied the bride.—Indianapolis News.

Pessimism.

Willie—Paw, what is a pessimist?

Paw—A man who takes an umbrella along when he goes to a ball game.—Cincinnati Enquirer.

Quite Natural.

"What was your experience when the train was telescoped?"

"I saw stars."

A great majority of summer ills are due to Malaria in suppressed form. Lassitude and headaches are but two symptoms. OXIDINE eradicates the Malaria germ and tones up the entire system. Adv.

Doubtful.

"Have you a good cook now?"

"I don't know. I haven't been home since breakfast!"—London Opinion.

NOT FIT FOR LADIES

Public sentiment should be against it, and we believe it is, there can be no reason why ladies should have to suffer with headaches and neuralgia, especially when Hunt's Lightning Oil gives such prompt relief. It is simply a question of getting the ladies to try it. All druggists sell Hunt's Lightning Oil in 25c and 50c bottles. Adv.

No Prudent Loan.

"Don't you want Miss Freezem to lend eclat to your function?"

"No; we're not borrowing trouble."

MATERNAL INTUITION.

Mrs. Pig—Now, Curly, when you're at the party I want you to behave like a perfect hog!

Still Untasted.

"What," asked Mrs. Oldcastle as she picked up a volume of Limp Feather Edition of the Classics, "do you think of Thucydides?"

"I really don't know," replied Mrs. Gottalotte, after she had straightened a corner of her $600 royal Persian rug; "we've never had any. Josiah says they're no good unless you get them fresh, and our grocer never seems to have any except the ones in cans."—Exchange.

Silencer.

Dr. Henry Van Dyke, the distinguished clergyman, has a neat way of silencing the censorious.

At a luncheon in Princeton a certain bishop was being discussed, and a visitor said:

"I don't like the bishop. He is too much a man of the world for me."

"Quite so," Dr. Van Dyke retorted quickly; "but which world, this or the next?"

Surprise.

"I am going to bring my son up so that like George Washington he can say: 'I cannot tell a lie.'"

"Why, I thought you were going to bring him up to follow in your footsteps?"

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 Chas. H. Fletcher. In Use For Over 30 Years. Children Cry for Fletcher's Castoria

Name the Line.

Hubbubs—Have you any late trains to Lonelyville?

Subbubs—Yes. All our trains are late.—Stray Stories.

As a summer tonic there is no medicine that quite compares with OXIDINE. It not only builds up the system, but taken regularly, prevents Malaria. Regular or Tasteless formula at Druggists. Adv.

Conditional.

"Will your wife finish her Christmas shopping soon?"

"Yes; unless it finishes her sooner."

TO DRIVE OUT MALARIA AND BUILD UP THE SYSTEM

Take the Old Standard GROVE'S TASTELESS CHILL TONIC. You know what you are taking. The formula is plainly printed on every bottle, showing it is simply Quinine and Iron in a tasteless form, and the most effectual form. For grown people and children, 50 cents. Adv.

Its Materials.

"I am building a lovely castle in Spain."

"What of? Gold bricks?"

As a summer tonic there is no medicine that quite compares with OXIDINE. It not only builds up the system, but taken regularly, prevents Malaria. Regular or Tasteless formula at Druggists. Adv.

The microbe of love is sometimes devoured by the germ of suspicion.

The flirt is always practicing a game she never intends to play.

The sting of defeat outlasts the sweets of victory.

Be thrifty on little things like bluing. Don't accept water for bluing. Ask for Red Cross Ball Blue, the extra good value blue. Adv.

The man who refuses to see the error of his way has just that much further to travel back.

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

A married man has reached the bottom of the ladder when he begins to brag about his wife's relations.

ITCH Relieved in 30 Minutes.

Woolford's Sanitary Lotion for all kinds of contagious itch. At Druggists. Adv.

Business Acumen.

"What! Fifty cents for putting in the load of coal? You charged only a quarter the last time."

"Yes, mum, but coal has riz."

To prevent Malaria is far better than to cure it. In malarial countries take a dose of OXIDINE regularly one each week and save yourself from Chills and Fever and other malarial troubles. Adv.

His Status.

"That man is something more than a mere marine."

"Do you mean he is an ultramarine?"

WHEN RUBBERS BECOME NECESSARY

And your shoes pinch, Allen's Foot-Ease, the Antiseptic powder to be shaken into the shoes, is just the thing to use. Try it for Breaking in New Shoes. Sold Everywhere, 25c. Sample FREE. Address, A. S. Olmsted, LeRoy, N.Y. Don't accept any substitute. Adv.

Beans in His Head.

Two beans, one of which had sprouted into an embryo plant, were removed from the head of a Mexican laborer at San Bernardino, Cal., by a physician. For months the man had complained of severe pains. The beans had entered his head through his left ear. The growing plant was nearly an inch long and apparently had flourished in the ear tube.

Looking After His Bait.

Daniel and Harvey, two old, expert fishermen, were "still" fishing for trout in deep water, sitting with their backs together, when Daniel accidentally fell out of the boat and went down. Harvey looked back and missed his companion, who at that moment appeared on the surface, pipe still in his mouth, shaking his whiskers profusely.

Harvey—Gosh, Dan! I jest missed ye! Where ye been?

Dan—Oh, I jes' went down for ter see if me bait wus all right.—Judge.

This Is Unkind.

Tommy—Pop, what is a freethinker?

Pop—A freethinker, my son, is any man who isn't married.—Philadelphia Record.

Regular practicing physicians recommend and prescribe OXIDINE for Malaria, because it is a proven remedy by years of experience. Keep a bottle in the medicine chest and administer at first sign of Chills and Fever. Adv.

The easiest thing in the world to do is to make up your mind what you would do if you were in some other fellow's place.

It takes a sharp man to make a tool of a dull one.

Make the Liver Do its Duty

Nine times in ten when the liver is right the stomach and bowels are right.

CARTER'S LITTLE LIVER PILLS gently but firmly compel a lazy liver to do its duty.

Cures Constipation, Indigestion, Sick Headache, and Distress After Eating.

SMALL PILL, SMALL DOSE, SMALL PRICE.

Genuine must bear Signature

Brent Good

FREE TO ALL SUFFERERS

If you feel "out of sorts"—"run down" or "got the blues," suffer from kidney, bladder, nervous diseases, chronic weaknesses, ulcers, skin eruptions, piles, &c., write for my FREE book. It is the most instructive medical book ever written. It tells all about these diseases and the remarkable cures effected by the New French Remedy "THERAPION" No. 1, No. 2, No. 3 and you can decide for yourself if it is the remedy for your ailment. Don't send a cent. It's absolutely FREE. No "roll-up" circulars. Dr. LeClerc Medi. Co., Haverstock Rd., Hampstead, London, Eng.

PARKER'S HAIR BALSAM

Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Prevents hair falling. 50c. 50c. and $1.00 at Druggists.

OLD SORES CURED

Allen's Ulcerine Salve cures Chronic Ulcers, Bone Ulcers, Scrofulous Ulcers, Varicose Ulcers, Indolent Ulcers, Mercurial Ulcers, White Swelling, Milk Leg, Fever Sores, etc. Discovered, by mail, Booklet free. J. P. ALLEN, Dept. A-5, St. Paul, Minn.

DROPSY TREATED. Give quick relief, usually remove swelling and short breath in a few days and entire relief in 15-45 days, trial treatment FREE. DR. H. H. GREEN'S SONS, Box B, Atlanta, Ga.

W. N. U., LITTLE ROCK, NO. 1-1913.

Mamma Says "It's Safe for Children" CONTAINS NO OPIATES

FOLEY'S HONEY and TAR For Coughs and Colds

100 pounds of an ordinary Fertilizer (mixing 2-8-2): FILLER 26 LBS, NITRATE OF SODA 10 LBS, ACID PHOSPHATE 64 LBS

Well-balanced Fertilizer (mixing 2-8-10): FILLER 18 LBS, NITRATE OF SODA 22 LBS, ACID PHOSPHATE 50 LBS, SULPHATE OF POTASH 20 LBS

Both of these are called "complete" fertilizers, but they are very different.

If you prefer ready-mixed fertilizers, insist on having enough Potash in them to raise the crop as well as to raise the price. Crops contain more than three times as much Potash as phosphoric acid.

It was found years ago that the composition of the crop is not a sure guide to the most profitable fertilizer, but it does not take a very smart man to figure out that a well-balanced fertilizer should contain at least as much Potash as Phosphoric Acid. Insist on having it so.

If you do not find the brand you want, make one by adding enough Potash to make it right.

To increase the Potash 4½ per cent. (for cotton and grain), add one bag Muriate of Potash per ton of fertilizer; to increase it 9 per cent. (truck, potatoes, tobacco, corn, etc.), add two bags Sulphate or Muriate per ton.

Talk to your dealer and ask him to carry Potash in stock or order it for you. It will pay you both, for **Potash Pays**

For particulars and prices write to

GERMAN KALI WORKS, Inc., 42 Broadway, New York

Monadnock Block, Chicago, Ill. Bank & Trust Bldg., Savannah, Ga. Whitney Bank Bldg., New Orleans, La. Empire Bldg., Atlanta, Ga.

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