

GOOD GREEN MANURING CROP

Big Value of Sweet Clover Is to Turn Under to Improve Soil—Foliage Has Bitter Taste.

(By C. B. HUTCHISON, Missouri College of Agriculture.)

The chief value of sweet clover for Missouri conditions is as a green manuring crop. Being a legume, it has the power of gathering nitrogen out of the air and storing it in the soil by means of the bacteria which live upon its roots. Since it makes such a heavy growth and does well on thin lands, it makes a good crop to turn under to improve the soil.

The value of sweet clover as a pasture or hay crop is much disputed. Some farmers regard it as practically worthless and consider it a weed, while others apparently have had good success with feeding it. Its foliage has a bitter taste due to the cumarin it contains and its stems have a tendency to become woody as they mature. If not allowed to become too rank before pasturing, or if cut for hay before the first bloom buds appear, these two objectionable features may be avoided to a considerable extent and very good feed obtained. It has been found, too, that stock will learn to eat it, and after being fed or pastured on it do not object to the bitter taste, as at first. Since it is a biennial, sweet clover may take the place of red clover in the rotation on those lands where the latter does not thrive well, but on the best lands it cannot compete with either red clover or alfalfa for hay.

The fact that the bacteria in the nodules on its roots are capable of inoculating alfalfa has led to the idea that it is a valuable crop to occupy the land immediately before seeding alfalfa. This may sometimes be done, but usually lands that have never grown sweet clover need inoculation for it as well as for alfalfa. It has been found necessary to inoculate the soil on the experiment station field at Columbia for sweet clover, and even with this precaution considerable difficulty has been experienced in getting a stand. It is evident, then, that it is frequently more difficult to obtain a good stand than one might expect from a general survey of the habits and characteristic of the plant.

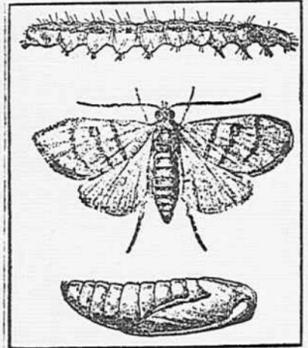
MOST PROFITABLE OF CROPS

Sweet Potato of Great Value as Food for Human Beings and Animals; Has Industrial Value.

Whether it is to be used as a food for the table, as a feed crop for animals or a producer of starch, the sweet potato is probably one of the most profitable crops the South Carolina farmer can grow.

The best method of planting sweet potatoes is with cuttings from vines. If slip beds were not set out early enough this year for plants to be sufficiently large for good vine cuttings at this time, or if no slips were grown, it is advisable to buy cuttings from a neighbor. Planting slips is more expensive than vine cuttings. Besides, the fungi which produce rots are less likely to be carried on a vine cutting than on slips pulled directly from the old potatoes. Thus potatoes grown from vine cuttings will probably be free from rot than those grown from slips.

A fertilizer suggested for sweet potatoes is 500 pounds kanit, 300 pounds



Sweet Potato Leaf Roller.

cotton seed meal and 200 pounds of 16 per cent phosphate. This should be applied at the rate of 800 to 1,000 pounds per acre.

Frequent shallow cultivation is important in sweet potato growing, as in the culture of many other crops.—Clemson College Bulletin.

POULTRY NOTES

(By H. L. KEMPSTER, Missouri College of Agriculture.)

As the chicks grow they need more room. It does not pay to let them crowd.

Beware of musty, moldy, sour or decayed food. It is sure to cause trouble.

Tough grass is of no value as a green food. Better sow some quick-growing crop.

Feed hoppers greatly reduce the work. If they are kept filled, the chicks will never go hungry.

Grit and oyster shell should be included in the ration for both young and old. To neglect this would be poor economy.

Young stock will do better if not compelled to pick their living with the old. There will also be less trouble from lice.

Shade is one of the most important essentials during the hot months. Get the chicks into the orchard and cornfield. It is not too late to plant sunflowers.

Bluff That Worked.

The whole world loves a circus. The exceptions are so few that they need not count. To make a bid for attention is the common method of forcing men and women to a knowledge that one is worth knowing. It drives men to schemes and women to dress extravagance. A man who had been of some social consequence in his city accepted a business position in a larger one and made acquaintances by his assiduous attendance at the opening of new plays. Only to the few did he confess how insignificant were his sleeping quarters or where he took his meals. His excellent clothing and his presence at theaters were taken as an indication of prosperity that would provide a good home; he was content to be judged by his appearance since it put an end to loneliness.

"I Sympathize."

In the evening at Mercy hospital you hear from all over the house the little bedtime voices, and the sound blends into something sweet and dear which hardly forms itself into words. To you who have not heard it, it would seem the strangest sort of music, coming from all the wards and rooms and balconies around you—on the lower floor, on the upper, and sounding up and down the stairs wherever you might be. It is just the quiet little chatter of many, many children ready for sleep, and the doctors and nurses have heard it every night for 20 years, and they wonder why it is—with child love so ready to respond to a call like that of little Helen Keller, the crowded wards at Mercy and yet so little known to those who say—"I Sympathize."—Mercy's Messenger.

Couldn't Deceive Him.

At a special performance in New York a scene was being offered from a new play in which the principal male character had occasion to quote the "seven ages of man" speech from Shakespeare. He read the lines with such telling effect that the audience burst into prolonged applause, temporarily stopping the action of the piece. In the pause that succeeded the outburst a sophisticated looking youth of a typical Broadway aspect was observed by one who sat just behind him to lean sideways and remark in the attentive ear of a young woman companion: "Say, the fellow that wrote this play is a thief! Nearly all of that last stuff is a very popular saying."

New Flying Target.

To take the place of clay pigeons, glass balls and similar flying targets used by sportsmen in gun practice, a small, propeller shaped device has been brought out in France, says the Popular Mechanics Magazine. It is made of steel and is shot into the air by the strong spring of an instrument which revolves it rapidly as it is released. The object can be made to ascend to a considerable height, and then planes for some distance before commencing to fall. As soon as it is struck by a shot, however, its rotary motion stops and it falls to the ground. Aside from the matter of cost, an advantage of the device is that it may be carried in the pocket.

Indian Tribes of Mexico.

The Yaquis take their name from the Rio Yaqui (Chief river), which flows for 500 miles through the mountain gorges of Sonora and finally empties into the Gulf of California. Along this river the Indians make their homes of reed and adobe, with roofs of grass and mud. The warriors are a well-proportioned race, but they are prone to overindulgence in the native drink, mescal. Family ties are more or less negative among the men, the custom of exchanging wives being a popular practice of a not distant past. They are closely related to the Mayos, who from time to time have been forced into an unwilling alliance with their more bellicose kinsmen.

Triumph of Civilian Engineers.

Every implement of modern warfare, from a battleship to an aeroplane and motor truck, is the creation of men who have devoted their lives to peaceful pursuits. It is, in truth, the inventors and engineers who have revolutionized industry, who have annihilated distance, who have made the world a neighborhood, and who will yet emancipate our people from poverty and all fear of dependence upon charity, if we but prudently guard our free institutions—for men's minds are only beginning to awake to the infinite wealth-producing power of automatic machinery and mechanical power.—Engineering Magazine.

Not Sufficient Inducement.

A well-known card player fell up against a well-developed faro game during an unusually fierce and sanguinary argument with the tiger, and quit loser about sixteen hundred dollars. As he rose to leave the gilded arena, the dealer remarked in a very cheerful manner: "Hold on a minute; we're going to have a little lunch of cold ham, etc., in a few minutes. Won't you join us?" "Join you be damned," roared the victim of the combat, as he turned on his heel with an air of disdain and quit the place; "do you think I can eat sixteen hundred dollars' worth of ham?"

In One Way.

"I'd like to know one thing." "What is that?" "Isn't an ambulance chaser the same thing as a settlement worker?"

Why Is It?

There have been thousands of examples furnishing proof of the increased yields resulting from the plowing under of a legume crop, and there is probably not a farmer who has not seen many such examples, but still, we seldom grow more than the smallest acreage of legumes and still more seldom plow them under.

The explanation is simply that the average farmer not only does not believe what he hears and reads about such matters, but he does not even believe what he actually sees with his own eyes. He sees the results, but does not believe that the plowing under of the legumes is the real cause of these results. He really believes that there is some other explanation and that the same results would not follow for him. No other explanation can possibly account for our continued cultivation of poor soils, when legumes will make them rich, or at least legumes will double the yields of our soils without the loss of a single pound of the crops now grown. Truly, the way of the unbeliever is hard!—Progressive Farmer.

HEAD OFF THAT ALL-WINTER COLD.

At the first sign of sore throat, tight chest or stuffed-up head take a dose of Dr. Bell's Par-Tar-Honey. The healing pine-tar, soothing honey and glycerine quickly relieve the congestion, loosen the phlegm and break up your cold. Dr. Bell's Pine-Tar-Honey has all the benefits of the healing aroma from a pine forest, it is pleasant to take and antiseptic. The formula on the bottle tells why it relieves colds and coughs. At your druggist, 25 cents.

Plant Food in Cotton Seed.

A ton of cotton seed does not contain more than about \$15 worth of plant foods, so it is evident that seed ought to be sold when they bring \$40 a ton; but no man should forget the fact that when he sells a ton of cotton seed he sells or throws in with the seed about \$15 worth of his farm. And if he does not want to reduce the size of his farm—the size of his crops—he must put back the plant foods sold in the ton of cottonseed. He can do this for about \$2.50 invested in phosphoric acid and potash and \$2 to \$3 additional invested in the growing of legumes, or he can put it back for \$15 in commercial fertilizer—all but the humus or organic matter which has been lost from the soil while the cotton-seed were being produced.—Progressive Farmer.

BAD COLDS FROM LITTLE SNEEZES GROW.

Many colds that hang on all winter start with a sneeze, a sniffle, a sore throat, a tight chest. You know the symptoms of colds, and you know prompt treatment will break them up. Dr. King's New Discovery, with its soothing antiseptic balsams, has been breaking up colds and healing coughs of young and old for 47 years. Dr. King's New Discovery loosens the phlegm, clears the head, soothes the irritated membrane and makes breathing easier. At your druggist, 50 cents.

Nervous?

Mrs. Walter Vincent, of Pleasant Hill, N. C., writes: "For three summers, I suffered from nervousness, dreadful pains in my back and sides, and weak sinking spells. Three bottles of Cardui, the woman's tonic, relieved me entirely. I feel like another person, now."

TAKE

Cardui

The Woman's Tonic

For over 50 years, Cardui has been helping to relieve women's unnecessary pains and building weak women up to health and strength. It will do the same for you, if given a fair trial. So, don't wait, but begin taking Cardui today, for its use cannot harm you, and should surely do you good. E-72

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Dental Surgeon
OFFICE OVER POSTOFFICE
Residence Phone 17-R. Office 3.

SLOAN'S LINIMENT FOR NEURALGIA ACES.

The dull throb of neuralgia is quickly relieved by Sloan's Liniment, the universal remedy for pain. Easy to apply; it quickly penetrates without rubbing and soothes the sore muscles. Cleaner and more promptly effective than musky plasters or ointment; does not stain the skin or clog the pores. For stiff muscles, chronic rheumatism, gout, lumbago, sprains and strains it gives quick relief. Sloan's Liniment reduces the pain and inflammation in insect bites, bruises, bumps and other minor injuries to children. Get a bottle to-day at your druggist, 25 cents.

SAYS BIG EATERS GET KIDNEY TROUBLE.

Take a Glass of Cold Water and Kidney to Flush Kidneys if Back Hurts.

Omit All Meat From Diet if You Feel Rheumatic or Bladder Bothers.

The American men and women must guard constantly against kidney trouble because we eat too much and and all our food is rich. Our blood is filled with uric acid which the kidneys strive to filter out, they weaken from overwork, because sluggish; the eliminative tissues clog and the result is kidney trouble, bladder weakness and a general decline in health.

When your kidneys feel like lumps of lead, your back hurts or the urine is cloudy full of sediment or you are obliged to seek relief two or three times during the night; if you suffer with sick headache or dizzy, nervous spells, and stomach, or have rheumatism when the weather is bad, get from any drug-druggist about one dozen kidney tablets; take one with a glass of water before each meal for a few days and your kidneys will then act fine. This famous remedy is made from perfectly harmless ingredients and acts quickly and has been used for generations to flush and stimulate clogged kidneys; to neutralize the acids in the urine so it no longer is a source of irritation, thus ending bladder disorders.

Kidney is expensive; cannot injure, make no mistake, insist on kidneyco, it belongs in every home, because nobody can make a mistake by having a kidney flushing any time.

Master's Sale.

State of South Carolina,
County of Edgefield,
In Court Common Pleas.

Woodward Lumber Company—
Plaintiff—against—J. J. Langley
—Defendant.

Pursuant to the decree in the above entitled cause I shall offer for sale at public outcry to the highest bidder before the Court House, Town of Edgefield, County and State aforesaid, on Salesday in October 1916, the same being the 2nd day of said month, between the legal hours of sale the interest of the defendant, J. J. Langley, in the following described realty, to wit:

All that piece, parcel or tract of land, situate, lying and being formerly in the county of Edgefield (now McCormick county) and State aforesaid, containing Two Hundred and Fifty (250) Acres, more or less, and bounded as follows: Adjoining lands of W. J. White, T. K. Collier, C. M. Minor and C. M. Tillman and others.

If purchaser at said sale shall fail to comply with the terms thereof within one hour from the time of said sale, said premises, upon direction Plaintiff, or his Attorneys, will be resold on said day at the risk of the former purchaser.

Purchaser to pay for papers.
J. H. CANTELOU,
Master, E. C. S. C.
Sept. 5, 1916.

FIRE-LIFE INSURANCE

See me before insuring elsewhere. I represent the Equitable Fire Insurance Company of Charleston and the Southern Stock Fire Insurance Company of Greensboro, N. C. I also represent the Life Insurance Company of Virginia.

J. T. Harling
At the Farmers Bank, Edgefield

Prudential Rates:

Age	Whole Life	15-Payment Life
18-20	\$14.83	\$27.08
22	15.49	27.97
25	16.61	29.43
30	18.91	32.26
35	21.50	35.70
40	25.85	39.91
50	38.83	51.91
60	63.08	72.60
65	82.86	89.33

Disability clause free. Reduced on annual dividends.
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IT MAKES HOME Oh! So Happy To Have A BANK ACCOUNT

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OF all the unhappy homes not one in a hundred has a bank account and not one home in a hundred who has a bank account is unhappy. It seems almost foolish to put it off any longer, when it is such a simple, easy matter to start a bank account.

BANK OF EDGEFIELD

OFFICERS: J. C. Sheppard, President; B. E. Nicholson, Vice-President
E. J. Mims, Cashier; J. H. Allen, Assistant Cashier.
DIRECTORS: J. C. Sheppard, Thos. H. Rainsford, John Rainsford, B. E. Nicholson, A. S. Tompkins, C. C. Fuller, E. J. Mims, J. H. Allen.

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When your cars are in need of repairs bring them to our shop, where they will receive the attention of expert machinist at reasonable prices.

All work done with dispatch and only the best of material is used.

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J. T. MIMS, Jr., Proprietor

Ready for 1916 Season

I have had my entire ginnery thoroughly overhauled and am ready to serve the people, giving entire satisfaction in quantity and quality of lint.

I pay the highest market price for seed, and give my personal attention to my ginnery and seed business.

R. T. HILL

Notice of Final Discharge.

To All Whom These Presents May Concern:

Whereas, J. H. Allen has made application unto this Court for Final Discharge as Administrator in re the Estate of Ina C. Holland deceased, on this the 5th day of September 1916.

These Are Therefore, to cite any and all kindred, creditors, or parties interested, to show cause before me at my office at Edgefield Court House, South Carolina, on the 9th day of October, 1916, at 11 o'clock a. m., why said order of Discharge should not be granted.

W. T. Kinnaird,
J. P. E. C., S. C.
Sept. 5, 1916—4t.

To Prevent Blood Poisoning
apply at once the wonderful old reliable DEPORTER'S ANTISEPTIC HEALING OIL, a surgical dressing that relieves pain and heals at the same time. Not a liniment. 25c. 50c. \$1.00.

To Cure a Cold in One Day
Take LAXATIVE BROMO Quinine. It stops the Cough and Headache and works off the Cold. Druggists refund money if it fails to cure. E. W. GROVE'S signature on each box. 25c.

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