

the corn is stored, being sure that the corn does not freeze, and that it is not placed in an excessively dry room.

RELATION OF ALFALFA TO SOIL IMPROVEMENT

The unqualified recommendation as a soil improver that is continually being given alfalfa is responsible for the very common belief that this crop is one that should be grown extensively on poor or unproductive soils, says the U. S. department of agriculture. No greater mistake could be made than to sow alfalfa, especially in the eastern states, on land which is not in a high condition of fertility. It is true, that being a legume, it benefits the soil through the addition of nitrogen fixed by organisms forming nodules on its roots, and through its roots it not only supplies considerable quantities of humus but greatly improves the mechanical condition of the soil.

In producing profitable yields of hay, alfalfa utilizes large quantities of phosphorus and potassium, which must be obtained either directly from the soil or from added fertilizer. Whether alfalfa is a soil improver is a question which can not be answered without some explanation. In the sense in which the term is commonly used, alfalfa is not a soil improving crop, since it can not be used in the same manner as cow peas, soy beans, crimson clover, or hairy vetch for the building up of worn-out or depleted lands. On the other hand, it enriches the good soils through the nitrogen and humus added to the soil by its crowns and roots when the old fields of alfalfa are broken up and also by the mechanical action of its roots upon the soil. Furthermore, the preparation of the land prior to seeding the alfalfa and the treatment in the way of top dressing and fertilizing which follow during the few years of its existence doubtless have a very beneficial effect on the crops succeeding it. In actual practice, then, alfalfa improves good land but can not be considered in connection with poor land, as it is not a profitable crop to grow on unfertile soils.

SEVEN ADVANTAGES OF LIVE STOCK FARMING

First—The livestock farmer is not dependent upon one or more grain crops of uncertain yield and price. When he has fat cattle, sheep or hogs to sell he is sure an open market is waiting every working day in the year. His livestock is the same as cash in bank and almost anywhere can be realized upon inside of twenty-four hours. Livestock returns are not spasmodic when the business is

properly handled. Further, if he is a specialty livestock farmer his crop is ready when the supply is light and the price at the high point.

Second—The man on the farm who sells off wheat, oats or corn is selling raw material on which a number of men will later make a manufacturer's profit. The producer of raw material is usually relatively the most badly paid man in the line.

Third—Growing and fattening livestock permits the continuous economical employment of farm labor, which in a system of exclusive grain farming is needed only at special seasons, when labor is scarce and price consequently high.

Fourth—Pasturing of livestock and rotation of crops needed to supply them with the necessary feeds is nature's own best prescription for clean farms, free from weeds.

Fifth—This same system of crop rotation, together with the growing and fattening of cattle, sheep and hogs, permits in the highest degree conservation of natural soil fertility, which is the prime object of every good farmer.

Sixth—In sections devoted exclusively to grain growing there is a time every year when farmers complain of shortage of cars, lack of elevator capacity and congestion of loaded cars at terminals. Every one wants to ship grain at the same time and every one can not be accommodated. The daily movement of livestock to market means not only daily revenue for the farmers, but also prevents in the most sensible way railway congestion, enabling railroads to give all classes of shippers more regular and uniformly better service.

Seventh—Livestock in the hands of the farmer furnishes him the best possible security to be offered his local banker. When a farmer wants a little money for permanent improvements on his land or any other legitimate purpose American bankers have found cattle paper absolutely safe and liquid in times of financial peace or panic.—John J. Ferguson, before the National Association of Managers of Farmers' Co-operative companies.

ORCHARD PRACTICE

Fruit trees should be mounded up about the trunks to above the snow line, with earth or ashes, to prevent injury from mice or rabbits. Mulch the ground about late planted trees to help them over the winter in good condition. Pruning can be done on mild days, and it is better to do it now or in the spring than in the severe winter months. Pick off all dead fruit from peach and plum trees, and examine the wood carefully for indications of canker, cutting off and burning the infected branches. To prevent injury to the bark by rodents, paint it with tree-borer paint, which may be purchased from the seedsman. It will also help to keep out the borers next spring. A great many injurious insects winter over in the egg or pupa stage, attached to the limbs or bark of the fruit trees. If these are gathered now or on warm days during the winter the number that will be found on hand to destroy next season's fruit will be greatly diminished.

FEDERAL AID FOR GOOD ROADS

A bill to appropriate \$25,000,000 for the construction of roads in conjunction with the various states, under the direction of a national highway bureau, has been introduced in the United States senate. It provides for the appropriation by the states of an amount equal to that furnished by the national government.

I Will Stake This Medicine Against Your Time

A Few Days Will Be Sufficient to Prove its Value in Your Disease

A few minutes of your time for a few days and I will demonstrate to you, without expense to yourself, that I have a medicine that drives Uric Acid poison from the system and by so doing conquers kidney trouble, bladder trouble and rheumatism. I don't ask you to take my word for it, but simply want you to let me send you some of this medicine so that you can use it personally.

I am trying to convince sufferers from these diseases that I have something far better than the usual run of remedies, treatments and such things, and the only way I can demonstrate that fact is to go to the expense of compounding the medicine and sending it out free of charge. This I am glad to do for any sufferer who will take the time to write me. Understand, I will not send you a valueless "sample, proof or test treatment," nor will I send you a package of medicine and say that you can use some of it and pay for the rest, but I will send you a supply free of charge and you will not be asked to pay for this gift nor will you be under any obligations.

All I want to know is that you have a disease for which my medicine is intended, as it is not a "cure-all," and I give herewith some of the leading symptoms of kidney, bladder and rheumatic troubles. If you notice one or more of these symptoms you need this medicine, and I will be glad to send you some of it if you will write me the numbers of the symptoms you have, give your age, and your name and address. My address is Dr. T. Frank Lynott, 5324 Deagan Building, Chicago, Ill. You promise me nothing; you pay me nothing for it. All I ask, so there shall be no mistake, is that you send me the numbers of your symptoms or a description in your own words and that you take the medicine according to the directions I send you. It is my way of getting publicity for my medicine so that it will become widely known.

You will agree when you have used it that it dissolves and drives out uric acid poison. It tones the kidneys so that they work in harmony with the bladder. It strengthens the bladder so that frequent desire to urinate and other urinary disorders are banished. It stops rheumatic aches and pains immediately. It dissolves uric acid crystals so that back and muscles no longer ache and crooked joints quickly straighten out. It reconstructs the blood and nerves so that you soon feel healthier and stronger, sleep better and eat better and have energy throughout the day. It does all this and yet contains nothing injurious and is absolutely vouched for according to law.

Sufferers from these dreadful and dangerous diseases can surely afford to spend a few minutes each day for a few days to demonstrate to their own satisfaction if they are curable, especially



DR. T. FRANK LYNOTT

who will send medicine free of charge to those who need it

when you consider no expense is involved, and I willingly give you my time and my medicine. All any fair-minded afflicted person wants to know is if a certain thing will relieve HIM or HER, and here is an opportunity to find out without cost, obligation or important loss of time. THESE FEW DAYS may be the turning point in your life.

All who are interested enough to write me for the free medicine will also receive a copy of my large illustrated medical book which describes these diseases thoroughly. It is the largest book of the kind ever written for free distribution, and a new edition is just being printed. I will also write you a letter of instructions and medical advice that should be of great help to you; but in order to do this I must know that you need my medicine. Write me the numbers of the symptoms that trouble you, and your age, and I will promptly carry out my promises. Show an inclination to get well and write me, and I will gladly send you a supply free.

These are the Symptoms:

- 1—Pain in the back.
- 2—Too frequent desire to urinate.
- 3—Nervousness, loss of flesh.
- 4—Pain or soreness in the bladder.
- 5—Weak, watery blood.
- 6—Gas or pain in the stomach.
- 7—General debility, weakness, dizziness.
- 8—Pain or soreness under right rib.
- 9—Sciatic rheumatism.
- 10—Constipation or liver trouble.
- 11—Palpitation or pain under the heart.
- 12—Pain in the hip joint.
- 13—Pain in the neck or head.
- 14—Pain or soreness in the kidneys.
- 15—Pain or swelling of the joints.
- 16—Pain or swelling of the muscles.
- 17—Pain and soreness in nerves.
- 18—Acute rheumatism.



THE SOUTH AMERICAN VIGILANCE COMMITTEE WATCHING FOR T. B.
—From the Washington Star.

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