

all he will get from his rye) and in addition it would increase the nitrogen content of the soil enough to grow ten to twenty bushels more corn to the acre.

Nearly all soils, especially sandy and light loam soils, need more nitrogen. It is the limiting element in practically all normal soils throughout the United States. Nitrogen is added to the soil from stable manure and from fertilizers such as blood-meal and sodium nitrate.

The ordinary grain and hay farmer cannot afford to purchase commercial fertilizers, especially nitrogen at the prevailing price of fifteen cents a pound. Neither can he produce enough manure to keep up the supply of this essential plant food. From all the stock he can crowd into his feedlot, he can never get enough manure to keep up the fertility of his farm without resorting to purchased feeds. It is absolutely unchallenged that no land was ever made rich by manure produced from animals fed exclusively on the crops grown on that land.

Therefore to increase crop yields with economy, the farmer of to-morrow must resort to the use of these green manures which have the power to appropriate from the atmosphere its free nitrogen and convert it into soluble forms. This means legume crops turned

necessity of this vegetable is a cool storage. A temperature of forty-five degrees is disastrous. Thirty-five to forty degrees are allowable for the best keeping of celery. A box may be turned over to keep the tops from wilting, or wet blankets may be hung near by. Celery thus treated begins to grow in two or three weeks forming new stalks at the heart while the outside ones decay.

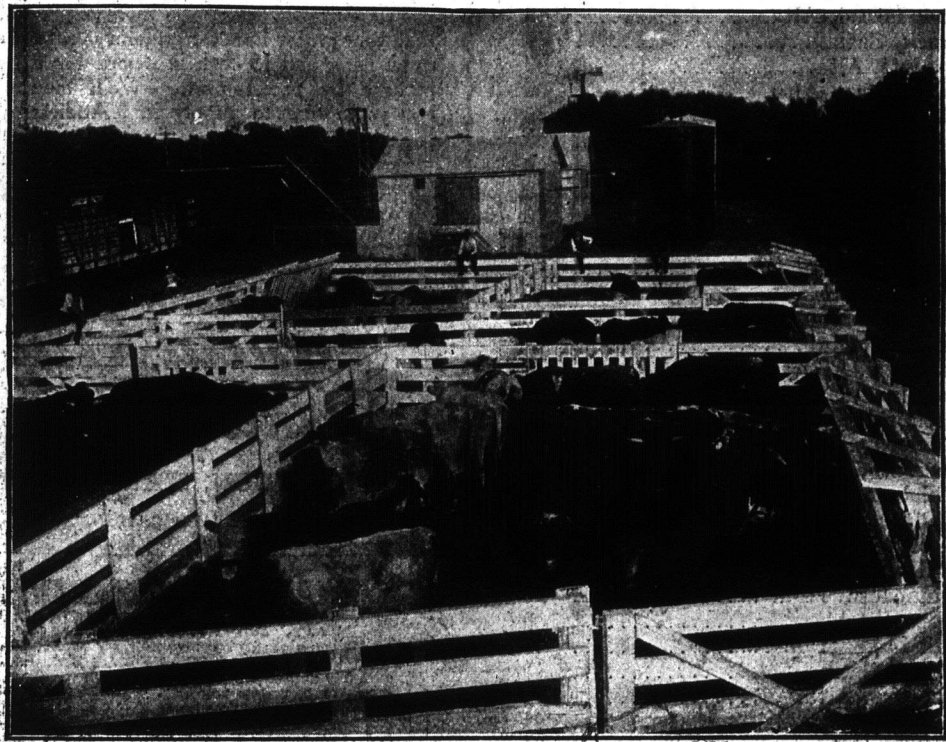
Salsify, parsnips, carrots and beets all need storing in sand or soil, and parsnips are much better flavored in the spring than they are in the winter. Spring seems the proper time to use parsnips, and in many places these can be kept in the ground, by being protected.—Rose Sulye Miller.

A Talk to the Boys

Are you going to wait until you grow up before you go into business? That's a long time to wait.

Why not start now and learn now while mistakes are not as fatal?

Get your father to let you take care of the poultry this winter. If he is the right kind of a father he will be only too glad to let you take hold of the work. And then make a business of them.



In the cattle yard, ready to be shipped to the market.

under root and branch—not merely stubble. The seed of clover, alfalfa, vetch, field-peas, cow-peas, soy-beans and the rest of the family, are more expensive than that of rye, sorghum, etc., but the increased returns will more than cover the difference in cost.

Keeping Vegetables

It is often a problem to know how to keep our winter vegetables after we have grown them. The outside root cellar is the best for many of them. Cabbage needs to be kept just above freezing point and in open crates. If kept in a warm cellar and packed closely they will rot. Turnips and potatoes both keep best in a place just above freezing. While pumpkin, squash sweet potatoes need a warm, dry place, a temperature of fifty or more is good for these vegetables. It is better that they should not touch each other. The shells of pumpkins and squash continue to harden, and the harder they are the better they keep. The softer shelled squashes and pumpkins should be used first, as they will soon spoil if kept. Onions keep best spread out in layers or open crates where they may have free air circulation, dry and moderately warm is the requirement of the onion for good keeping.

Celery should be lifted with a share of the root on it and with the earth still clinging to it. It may be packed in boxes, with the earth tight about it. Celery should be kept out as long as it can be kept from freezing, and the

First, catch all those mongrel and long toe-nailed hens and give them to the church supper for a stew. They don't lay any eggs. They are only loafers who eat up all the profits which the good hens make for you. No business man would keep a stock of shoes that he couldn't sell at a profit. There is no more reason why you should keep hens around the place that don't pay.

Then fix up the poultry house so that it is dry and clean. No business man would keep his goods in a leaky store. How much more important it is that your poultry be kept clean and dry.

And last, but not least, make some money out of it. Get your father to give you everything you make above what were his last year's profits. You are a stockholder in the company, tell him, and you want your share of the profits. When he sees the fairness of the proposition, he can't very well refuse.

Get into business for yourself this winter—the poultry business. Give your hens comfortable quarters. Feed them right and care for them carefully. And if you don't make a success of them, you aren't the business man we think you are.

Conquers Asthma. To be relieved from the terrible suffocating due to asthma is a great thing, but to be safeguarded for the future is even greater. Not only does Dr. J. D. Kellogg's Asthma Remedy bring prompt relief, but it actually gives a new era of life to the afflicted. Systematic inhaling of smoke or fumes from the remedy prevents reattacks and often effects a permanent cure.

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REMOVES

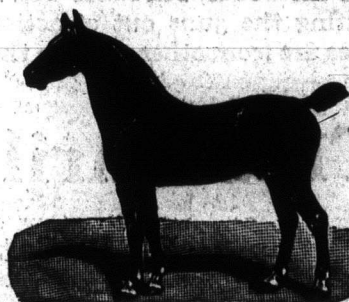
BUNCHES or BLEMMISHES, SPLINTS, CAPPED HOCK, STRAINED TENDONS.

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Have used your GOMBULT'S CAUSTIC BALSAM to cure curb. I blistered it twice, and there is no sign of it any more. The horse is as good as ever. —DAN SCHWEBER, Evergreen, Ill.

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