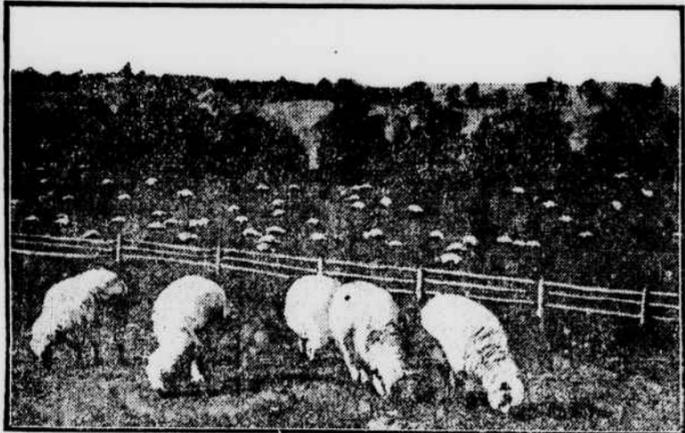


SHEEP AND PASTURES ARE CLOSELY ALLIED

Latter is Absolutely Necessary for Successful Raising of Former.—Numerous Crops May Be Grown.

Pastures and successful sheep raising are so closely allied that it may almost be said the one can not exist in the absence of the other. Certainly it is true that sheep are not being grown as economically and advantageously as they can be nor are the maximum benefits to the soil being realized, unless pastures are provided to furnish feed for the sheep from early spring until late fall. The man who is seeking the very cheapest sort of feed for his sheep finds it in pastures, writes D. A. Gaum-

free from worms if the same land is used for pasture continuously. Worms, and their eggs that are passed from the sheep, cling to the grass and are ready to be again taken into the system. How can we be rid of them if sheep are left to eat this infested crop? Change of pasture from season to season, and from year to year is absolutely imperative to successful sheep growing and one of the chief advantages of such a system of pasturage as the one outlined lies in the fact that sheep are kept upon a single



A Picturesque Pasture.

ntz, in the Illuminated World Life. They are productive and cost nothing but the price of the seed, and the labor of producing them. All the labor of harvesting and storing and feeding these crops is saved; the sheep get all the good of the crop, and they get it in the field where it grows. For cheapness of feed, pastures are not to be outdone.

Not alone are they cheap, but they furnish the most desirable sort of feed for sheep. Succulent, palatable, bulky enough, yet possessed of all the nutrients needed. No feed could be more readily digested than these pasture crops for the cell walls surrounding the nutrients are thin and tender and readily broken down. Sheep are foragers by nature and pasture furnishes for them not alone the ideal feed but likewise the ideal conditions. Never are they so contented nor so healthy as when given the freedom of a five or ten acre plot over which to play and feed.

Science has long since taught us that grass and root crops must be grown, if soil fertility is to be maintained. In the end all profits must come from the soil whether its products are marketed in the mineral, vegetable, or animal form, and to keep his land yielding large and increasing crops annually should be every farmer's first business. How better can he subservise this end than by growing grass crops to improve the physical condition and give humus to

piece of land but a few days or a few months at a time.

It would pay to have every field in the farm fenced, as there is scarcely a crop grown that at some time or other does not furnish feed for sheep. Most farmers, however, do not find themselves in a position to do this, but they can, every one of them, do the next best thing and that is fence, say, three, five or ten acre fields, and practice upon these a three year rotation which will give a pasture crop each year, or if they prefer, sow them all to pasture, and alternate them between hogs, sheep and cattle, or just sheep and hogs.

The alleged cost of fencing is the hedge behind which many seek to hide in excusing themselves for not using pastures. Yet as a matter of fact, figures show that practically anywhere in the northwest, a five acre field can be fenced at an annual cost of \$8.50 or \$1.70 an acre, allowing ten years as the life of the fence. Certainly this sum cannot be regarded as prohibitive. As compared with the cheap and excellent feeds it makes it possible to use, it is not worthy of consideration.

The man who is attempting to grow sheep without pasture is making a big mistake. He is not growing his sheep as economically and as well as he might, nor is he realizing the maximum benefits to his soil as a result of his sheep industry.

Clean Wheat.

The question has been raised frequently as to whether cockle can be entirely and completely separated from wheat by any kind of fanning mill that has yet been introduced. It is at least questionable if any fanning mill certainly and assuredly takes all the cockle out of wheat without causing so much of the crop to be blown over the sieve that the operation would not be completely satisfactory. But clean seed can soon be got in another way. The farmer can sow an acre or two for seed and handpick the cockle out of it, when it is in bloom. In this way clean seed will be obtained. If the seed from year to year is from the wheat thus grown, the fields will soon be free from cockle. Of course, with the fanning mill alone the cockle may be reduced to a small amount, but it is questionable if every grain can be removed.

How Color Affects Growth.

Color agriculture is the latest. Camille Flammarion put seedlings of the sensitive plant into four different houses—an ordinary conservatory, a blue house, an ordinary greenhouse and a red house. After a few months waiting he found the little plants in the blue house practically just as he had put them in. They seemingly had fallen asleep and remained unchanged. In the green glass house they had grown more than in the ordinary glass house, but they were weedy and poor. In the red house the seedlings had become positive giants, well nourished and well developed, 15 times as big as the normal plant. In the red light the plant had become hyper-sensitive. It was found that the blue light retards the processes of decay as well as those of growth.

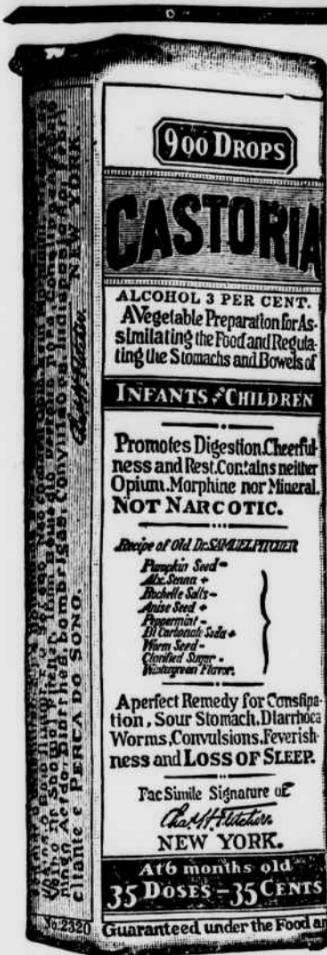
Learning from the experience of others is like having a baby hand you candy.



Good Friends.

the soil, and feeding them to sheep that will not alone make good use of them, but will likewise help to improve fertility by scattering their manure about the fields where it is needed, and by eating up the noxious weeds that sap the life of the crops? We should have fewer run down and weed overgrown crops to-day if pasture crops had been grown, and sheep kept to eat them down.

For the sake of saving a few dollars in fence, many farmers use the same piece of land from month to month and from year to year, for pasture. Now the money they save in fence, they more than lose by worms in their sheep. There is no disease to-day that so threatens the future of the sheep industry as do worms. Our flocks must be purged of worms or we must quit the business. It was estimated that in one state alone, 85,000 sheep succumbed to the ravages of worms in the year 1903. It is impossible even to hope to have your sheep



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"None of 'em. The goat."

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Was So Sore, Irritating and Painful That Little Sufferer Could Not Sleep—Scatched Constantly.

Cuticura's Efficacy Clearly Proven.

"When about two and a half years old my daughter broke out on her hips and the upper parts of her legs with a very irritating and painful eruption. It began in October; the first I noticed was a little red surface and a constant desire on her part to scratch her limbs. She could not sleep and the eruptions got sore, and yellow water came out of them. I had two doctors treat her, but she grew worse under their treatment. Then I bought the Cuticura Remedies and only used them two weeks when she was entirely well. This was in February. She has never had another rough place on her skin, and she is now fourteen years old. Mrs. R. R. Whitaker, Winchester, Tenn., Sept. 22, 1908."
Potter Drug & Chem. Corp., Sole Props., Boston.

Law of Attraction.

The attractions of men to women and women to men are full of the most perplexing inconsistencies and contradictions imaginable. It is, for instance, a physical law that magnetism is not simple attraction of one thing for another, but the difference of two opposing forces of attraction and repulsion, of which the former is the greater. The same law holds in relation to the attraction of men and women for each other, in which, as a rule, the masculine is the superior force.—T. P.'s Weekly, London.

A Baseball Preacher.

It was just at the beginning of the baseball season when an Episcopal clergyman, who is an ardent and enthusiastic lover of the great American game, inadvertently remarked at the end of the portion of Scriptures which he read:

"Here endeth the first innings."
Then he woke up.

DR. J. H. RINDLAUB (Specialist),
Eye, Ear, Nose and Throat,
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Some are vocal under a good influence, are pleasing whenever they are pleased, and hand on their happiness to others.—R. L. Stevenson.

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