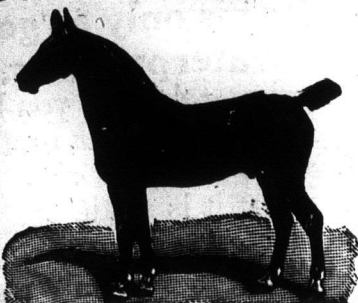


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A Safe, Speedy and Positive Cure for Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

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To keep moths out of furs, clothing, carpets and draperies use Keatings.

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In tins only
10, 15, 20, 25c.

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The frame of the Peerless Gate is made of steel tubing, electrically welded in one solid piece. It is strong and rigid and will not sag nor get out of order.

Peerless Farm and Gates

are built to stand. They will save you money because they never need repair. We also make lawn, farm and poultry fences that stand the test of time. Agents wanted. Write for full particulars.

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Will reduce inflamed, strained, swollen tendons, ligaments, muscles or bruises. Cure the lameness and stop pain from a Splint, Side Bone or Bone Spavin. No blister, no hair gone. Horse can be used. \$2 a bottle delivered. Describe your case for special instructions and Book 2 is free.

ABSORBINE, O.L., the liniment for mankind. Reduces strained, torn ligaments, enlarged glands, veins or muscles—heals ulcers—alleviates pain. Price \$1.50 a bottle at dealers or delivered. W. F. YOUNG, P.D.F., 1381 Lyman Bldg., Montreal, Can. Also furnished by Martin Bole & Wynne Co., Winnipeg; The National Drug and Chemical Co., Winnipeg & Calgary; and Henderson Bros. Co. Ltd., Vancouver.

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food that go to repair waste, form blood, and build up muscle and tissue. The high value of concentrated feed stuffs is due chiefly to the large proportion of protein they contain. It may safely be concluded, therefore, that the rusted straw, containing as it does more than three times the protein found in the rust-free straw is very much superior in feeding value.

Further, in the rusted straw we have a slightly higher percentage of fat—the consistent next in value to protein—and somewhat less fibre—the element of least value in a fodder, and hence there is additional evidence of the most satisfactory character to support the statement respecting the more nutritious nature of the rust affected straw.

The Grain.—The small and shrivelled character of the grain from the rusted wheat may be deduced from the weight of 100 kernels being only half that of 100 kernels from the unaffected wheat. This fact, however, from the standpoint of a feed does not betoken a lessening of the nutritive qualities; indeed, as the data for the protein show, it has, weight for weight, considerably the higher value.

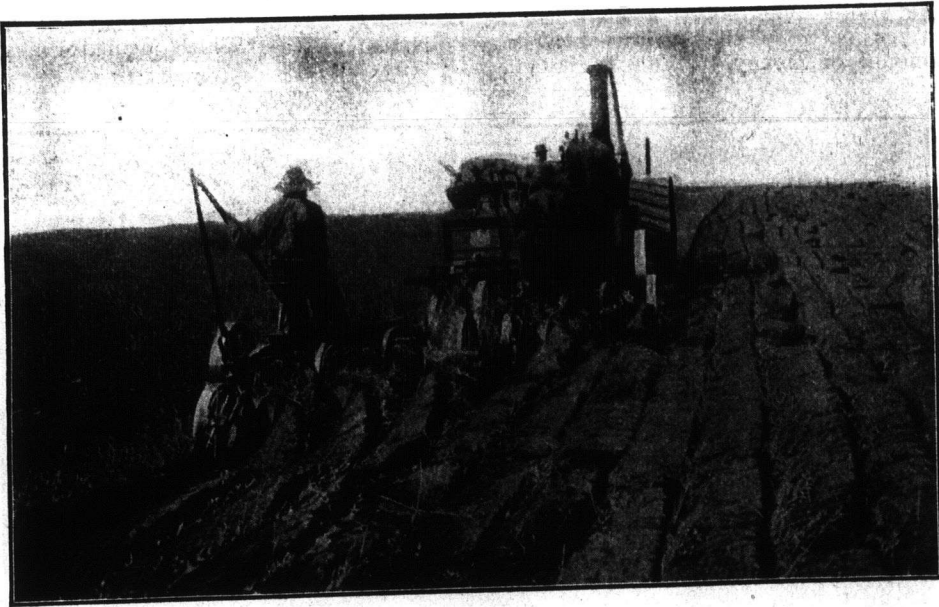
The protein of the shrivelled grain is 3.19 per cent. higher than that of the plump grain from the rust-free plant. Part of this higher protein content in the smaller grain is no doubt to be accounted for in its larger proportion of bran—but chiefly is it due to the fact that the transference and accumulation of starch in the kernel has been but partial and incomplete.

period advances the fungus attains the ascendancy, crippling the energies and functions of the tissues and checking the movement of the food materials to the seed. In other words, the growth of the rust arrests development and induces premature ripening, which, as we have seen, means a straw in which still remains the elaborated food, and a grain small, shrivelled, immature, rich in protein and deficient in starch.

It may be well to point out that although the rust makes the grain more nitrogenous, it at the same time very materially reduces the yield per acre—the average figures indicating a loss of about 50 per cent. We have not as yet been able to complete the analysis of the milling products of this shrivelled wheat, but we may rest assured until such time as the data are available that its proportion of bran to flour will be higher than normally ripened wheat. We may, further, conjecture that this bran will be found slightly more nitrogenous than that from rust-free wheat. It is held by certain millers that rust makes the flour somewhat "stronger," but at the moment there are no data to support this contention.

Selecting Breeds.

In selecting a breed for table sale remember that the dark fowls with black legs, have blue flesh and black pin feathers, are not so saleable for market purposes. I think the yellow



A Steam Plowing Outfit at Vegreville, Sask.

Other features of note in the analysis of the grain from the rusted wheat are: (1) The somewhat larger percentage of fibre and ash—indicating more bran—and, (2) the lower carbohydrates (starch) and fat content.

Apart from the valuable information that these data furnish regarding the relative feeding value of the straw and grain of rusted wheat, we have in these results interesting evidence as to the physiological effect of the rust on the wheat plant. Speaking broadly, there are (after germination) two periods in the life of the wheat plant—the first, a period of feeding and assimilation; the second, a later and usually shorter period, during which the food materials accumulated in the stem and leaf (straw) are transferred to and stored in the seed (kernel). There is, of course, no exact time when it can be said that the one ends and the other begins. Under normal conditions there is a gradual cessation of feeding, both by root and leaf, accompanied by an ever-increasing movement of the first period is characterised by growth, accumulated material to the seed. The second is recognised by the maturation or ripening of the seed.

Further, it would seem than in the development of the seed, the albuminoids or protein are the first to be transferred, and later—towards the close of the maturation period—the carbohydrates (starch, etc.) are more particularly deposited.

The rust apparently does not effect the vitality of the wheat plant during the first stage or period, but as the season progresses and the ripening

fleshed, white legged, white pin feather fowl far more attractive as a seller and so more valuable all through. Eggs all alike are, too, the best marketing article. Large eggs still more ready sellers, size first, then shape and color.

I like the leghorn breeds for all around laying; they are laying standard for egg producers. The white leghorn gives the fine white oval egg of the markets we see so many of now; the brown lays a slightly smaller egg, deep cream in color, and for that reason not so much fancied for market purpose, but the brown pullet beats her white sister by a month's time in laying possibilities, as I have had brown pullets lay for me in three and a half months from the shell on good feed, while four and a half months is the early date for the white pullet.

For table fowl give me the barred plymouth rocks every time. They make a fine, yellow legged, fat breasted fowl, with a small eating capacity in proportion to their weight. They will make—cock and hen—nine and more pounds to the pair. This is possible weight—the standard of weight to be fed for, they will not give crack results without fine care. No fowl will.

Were I going to start at raising poultry, and minus experience, my first step would be to buy the Potter book of instructions. Then I should study it and follow its instructions. Doing so, you will pretty surely learn shortly what and how to do in the matter of the care of your own. One of the first things it will tell you to do will be to weed out your wasteful

Corns Ended in Two Days

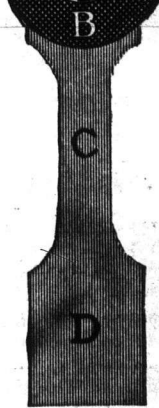
The pain stops instantly. Within two days the whole corn loosens and comes out.

Blue-jay has done this fifty million times. It will do it for you—that we guarantee—no matter how tough the corn.

The secret lies in a bit of B & B wax—a wonderful invention. It loosens the corn without soreness or pain.

You don't feel it at all. The corn is forgotten until it comes out.

Go get it. Don't let corns torment you any more.



- A in the picture is the soft B & B wax. It loosens the corn.
- B protects the corn, stopping the pain at once.
- C wraps around the toe. It is narrowed to be comfortable.
- D is rubber adhesive to fasten the plaster on.

Blue-jay Corn Plasters

Also Blue-jay Bunion Plasters
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