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will increase your butter yield 20 to 40 per cent., besides improving the quality.

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At It!**

Mr. Elliott Shaw, of Dublin, Pa., writes: Troy Chemical Co., Binghamton, N. Y. — I used one bottle on the sprung knee; it has straightened the leg. Send another bottle, so as I can cure the foot. By the results obtained caused the sale of two bottles, one for spavin and the other for curbs; in both cases it brought the results. It is certainly the greatest medicine I ever used.

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OUR LATEST Save-The-Horse BOOK is our 18 Years' Discoveries—Treating Every Kind Ringbone—Thoropin—SPAVIN—and ALL—Shoulder, Knee, Ankle, Hoof and Tendon Disease—Tells How to Test for Spavin; how to locate and treat 58 forms of LAMENESS—Illustrated.

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long as the milk is not allowed to absorb odors given off from the foods.

A great deal of food-tainted milk, especially the turnip taint, is due to the warm milk taking in the odors given off from the food when the cows are fed at or just before milking time. If the food agrees with the cow, the milk will not be food-tainted if the cows are fed after milking and the milk is removed as soon as it is obtained from the cow.

When the cow's rations contain a fair percentage of carrots, butter of good color is produced in the winter. Carrots are of good feeding value, but not used very extensively, on account of other foods being cheaper. The nature of the foods given to cows has some effect upon the texture of the butter.

A Wonderfully Efficient Hen

The poultry department of Purdue Agricultural College has produced an extraordinary hen, and poultry fanciers and those calculating entering the business of raising poultry might well devote some time to a consideration of the record established by her. Miss Purdue, for so the hen has been named, is a White Leghorn, and during the last two years has produced 443 eggs, weighing 41.5 pounds.



Ready for competition at the Winnipeg Horse Show

A register is kept of her performance and feed consumed, the records being beyond any question.

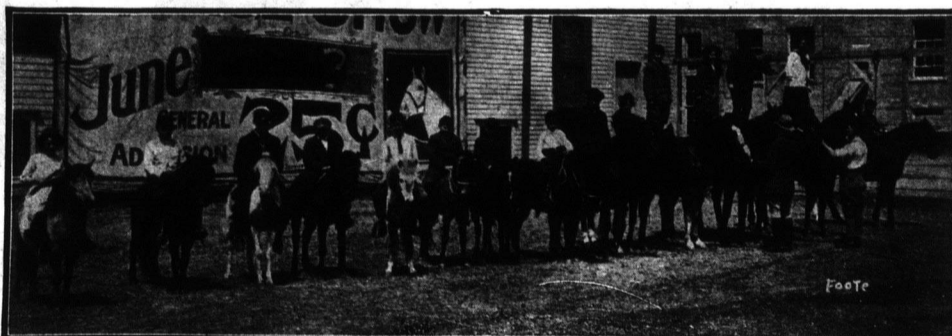
Miss Purdue weighs only 3½ pounds, but in the time mentioned above she produced 11.8 times her weight in eggs. She was a greedy eater, consuming 132 pounds of feed. From every pound of feed, Miss Purdue produced 3½ eggs. She manufactured one pound of eggs from every 3.2 pounds of feed consumed.

The efficiency, as an egg producer, of this small bird is indeed wonderful, being one of the most efficient producers of a finished product from raw material.

bark. Removing a ring of bark intercepts the descent. The starch newly elaborated accumulates above the ring; that which existed in the inferior region is soon absorbed and transformed by the cells of the wood, whose food it constitutes. Hence an annulation of a few centimeters' length at the top of the trunk, three or four months before the felling, is sufficient to eliminate the starch from the trunk. The best season for operating is the spring; the trees can then be felled in October. It is essential not to allow any shoot to develop below the excoriated part.

New Manure Spreader

A new manure-sower, which is actuated by the drill plough, as it opens up the drills for a green crop, is noted in the "Scottish Farmer." It consists of a hopper fixed in the bosom of the plough, and "the operating mechanism is an arrangement of a spin wheel and convoluted set of 1-2 inch rods, which delivered the manure most evenly at the bottom of the drill as the plough proceeded. The driving wheel is also a marker wheel which can be easily lifted over the plough, and so losing touch of the ground stops the movement. A woman filled the manure into a box in each plough as it turned in at the end, and the dropping of the marker wheel started the sowing, the evenness of which left nothing



Youthful Competitors at the Winnipeg Horse Show

It has been demonstrated that a steer produces a pound of beef from 12 pounds of feed, and that a hog requires from four to five pounds for each pound of pork. It cost \$1.93 to feed this hen for two years, while the value of her eggs at the local market price was \$10.11. They sold for 27.4c per dozen, while they cost only 5.2c to manufacture. She made a profit of \$9.08 over the cost of feed in two years.

Wormholes in Wood

Wood felled and worked up is frequently subject to wormholing. The sapwood is much more attacked than the perfect wood, and it has to be cut off when we wish to produce durable work; whence a pretty considerable loss. Mons. Emile Mer noticed that the species attacked are those whose sapwood contains the most starch; on the other hand, analysis revealed to him that the dust from the wormholes no longer contained starch. The insect, therefore, introduced itself into the wood in order to nourish itself at the expense of this material. Now, starch is produced by the leaves under the influence of the light; there go branches to the trunk and to the roots through the liber or inner part of the

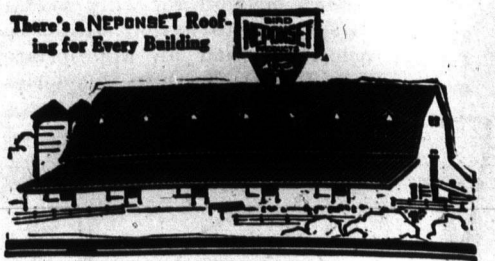
Poultry Making Belgium Rich

In Belgium there are few poultry farms as we understand them, and yet the country is one vast poultry farm. Every farm, every cottage and every rural holding has its quota of fowls. In the Sotteirgen district farmers who own flocks of 300 and 400 are increasing their stock. Prosperity—extraordinary prosperity—has followed these poultry keeping operations; the land is more fertile than ever before, the rural population richer and its industry greater.

Catarrh Advice Free

The attention of our readers is called to the really generous offer announced in this issue of our paper,—the offer of helpful and valuable medical advice on Catarrh, absolutely free of charge, from one of the famous Specialists and great public benefactors of this country,—Catarrh Specialist Sproule.

We advise our readers to turn at once to this offer on page 65 of this paper and we urge them to read every word of it and send to-day for that valuable medical advice. Remember, this advice is free. Address Specialist Sproule at his office, 117 Trade Building, Boston, Mass.



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