

R VICTIM RHEUMATISM

After Six Weeks
"FRUIT-A-TIVES"



DEEDE GARCEAU

For many years a victim of rheumatism. In fact, up to four months in the joints of the shoulders and was following my work.

remedies and was of a physician; but any good. Then I fruit-a-tives' and in a er, and in six weeks I nt to work again.

this fruit medicine, simply marvellous in the atism, and strongly suffering with Rheu-Fruit-a-tives' a trial."

DEEDE GARCEAU.
or \$2.50, trial size, 25c, or sent postpaid by limited, Ottawa, Ont.

ST BE PURE.

Feature of a Recent Act.

feed law, known as Act, comes into force t least one point of n for the live stock alings with the feed at bran will be bran be shorts, and here ard seed in either of ts of the wheat.

In fact, up to the has allowed the ad- tain amount of weed foreign material that e wheat at the flour porated in the bran amount of such ma- to be used has been oporation to the bulk e bran or shorts, but foreign matter has lude material either health of animals, or e that it is entirely value. With every- outer coating of the from the bran, and a and a proportion of the shorts, the need- bran and shorts will ntirely by the quality a the manufacturers of

must be expected that all wheat cleanings e made up of bran se feeds will show price, but it is only peet that feeders of be willing to pay rice in view of the of the article. What made of the clean- in bran, shorts and the new feedstuffs ective is a question difficult of solution nd feed manufactur- of the new regula- less be the putting nium on thoroughly rmers will have to- old-time practice of heat before taking

It looks as though material entirely un- or feed could best be the farms, and the ge effected by thro- of the grain at the s grown is a matter g.

eside being well cal- t the health of ani- protect the farmer to keep his farm hile maintaining its se of live stock ma- analysis of the ma- the make-up of the s will reveal the weeds seeds as have musters as desirable ill a menace to farm

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and Children
Over 30 Years
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People with bronchitis, asthma, and lung troubles benefit very much by living amongst Pine trees. Why? Because they breathe the healthy aroma of the Pines. Peps contain beneficial Pine essences, together with other medicinal ingredients, and for 50c. you may bring into your home a veritable Pine forest. When a Peps is placed in the mouth the pine essences are turned into healing vapors. These are breathed direct to the lungs, throat and bronchial tubes—not swallowed down to the stomach which is not ailing. Try Peps for your cold, cough, bronchitis or asthma. 50c box, all dealers.

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TESTING CATTLE.

Management of Herds Affects Their Health.

The relative freedom of a herd of cattle from tuberculosis depends on the kind of management the herd receives rather than upon a resistance inherent in the cattle themselves. This conclusion, applying to 14 recognized breeds of cattle in the United States, is based on a study of official, tuberculin-test records for nearly half a million animals. As a basis for answering inquiries regarding the prevalence of tuberculosis in various classes and breeds of cattle, the federal bureau of animal industry has compiled all of its test records since the beginning of tuberculosis-eradication work.

The results, though capable of receiving many interpretations, fail to show that any breed can be considered safer from tuberculosis than another. Of 30,670 Hereford cattle tested in pure-bred herds, the per-



A Registered Hereford Bull Used in Grading Up a Herd.

centage of reactors was unusually low—only 0.77 per cent. But in grade herds of the same breed the percentage of reactors was 5.11. In the Aberdeen-Angus breed the experience was reversed. Pure-bred herds showed 5.79 per cent. of reactors, compared with 2.30 in grade herds. Among the Shorthorns 5.75 per cent. of tuberculosis was found in pure-bred herds and 3.74 per cent. in grade herds, about 77,000 animals being included in the computations.

Although it has been frequently asserted that dairy cows, by reason of closer housing, have more tuberculosis than beef cattle, the official figures fail to support that assumption. In some dairy breeds the percentages of reactors were relatively high, but in others the percentages were low. Likewise in dairy herds, as with beef cattle, there was little uniformity between the proportion of reactors for pure-breds and grades representing the same breed.

Briefly, the figures indicate that the freedom of a herd from tuberculosis is influenced chiefly by the efforts of the owner to keep the herd healthy, not by the breed. Some breeders' associations have been noticeably active in encouraging their members to adopt tuberculosis-eradication measures. The figures are believed to reflect such activity.

Furthermore, the compilations disprove the assertion, sometimes made, that pure-bred herds are more susceptible to tuberculosis or have more of it than grade cattle. In fact, the highest percentage of tuberculous cattle in any group was for grades.

Manurial Requirements.

The results of a chemical analysis of a soil do not, as a rule, afford a satisfactory basis for determining manurial requirements. The chemist, it is true, can determine what the soil contains, but no ordinary analysis determines with exactness what proportion of the several elements present is in available form for the crop. Indeed, there is no such thing as a constant ratio of availability. While one crop finds in a given soil all the plant food it requires, another may find a shortage of one or more elements. Further, on the very same field one crop may find an insufficient amount of potash; another may find enough potash for normal growth, but insufficient phosphoric acid; while a third may suffer only from the insufficient supply of nitrogen.

The manurial and fertilizer requirements are determined more largely in most soils by the crop than by peculiarities in the chemical conditions of the soil.

Wheat Production of Czechoslovakia
Agriculture is highly developed in Czechoslovakia and intensive farming is everywhere carried on. With a normal production the republic should be self-supporting in respect of essential food supplies, while the farms also furnish the raw material for some of the most important industries of the country. In pre-war years the yield of wheat on the territory of Czechoslovakia was about 161,300,000 bushels. Last year's crop amounted to approximately 88,000,000 bushels. The domestic requirement of the country was estimated to exceed 110,000,000 bushels a year, so that at present there is a deficiency of over 20,000,000 bushels.

Why suffer from corns when they can be painlessly rooted out by using Holloway's Corn Remover. Read the Guide-Advocate "Wants."

Health and Happiness



Women of today seem to listen to every call of duty except the supreme one that tells them to guard their health. Home duties, church duties, war activities, and the hundred-and-one calls for charitable enterprises soon lead women to overdo. Nervousness, headaches, backaches and female troubles are the inevitable result.

Philadelphia, Pa.—"I was very weak, always tired, my back ached, and I felt sickly most of the time. I went to a doctor and he said I had nervous indigestion, which, added to my weak condition, kept me worrying most of the time—and he said if I could not stop that, I could not get well. I heard so much about Lydia E. Pinkham's Vegetable Compound my husband wanted me to try it. I took it for a week and felt a little better. I kept it up for three months, and I feel fine and can eat anything now without distress or nervousness. Health and happiness? Yes, I have both now."—Mrs. J. WERKUNZ, 2843 North Taylor Street, Philadelphia, Pa.

The majority of women nowadays overdo, there are so many demands upon their time and strength; the result is invariably a weakened, run-down nervous condition with headaches, backache, irritability and depression—and soon more serious ailments develop. Avoid them by taking in time

Lydia E. Pinkham's Vegetable Compound

"Milk Cow" Now Preferred.
Hereafter it will be "milk cow" and not "milch cow." This decision marks the termination of a controversy in which etymologists have had not a little interest. Those defending "milch" have pointed to scriptural use and certain of the classics as establishing precedents,



Liberal Feeding Must Be Practiced If a Profit Is to Be Obtained From Milk Cows.

While the opposition has contended that dairymen, ranchmen and farmers in general use "milk" instead of "milch" almost universally. The advocates of "milk" also favored that word because, they contended, it was more strictly an English word, while "milch" was akin to German. This last rally of the "milch" defenders helped as much as any to decide the question in their favor.

Scrubs.
A scrub is an animal of mixed or unknown breeding, without definite type or markings. Such terms as native, mongrel, razor-back, dunghin, piney woods, cayuse, broncho and mustang are somewhat synonymous with "scrub," although many of the animals described by these terms have certain fixity of type even though they present no evidence of systematic improved breeding.

Tankage for Growing Pigs.
In response to an inquiry in regard to the use of tankage in balancing a ration for hogs we quote from Illinois station bulletin:
For young growing pigs, as follows: One part tankage to nine parts corn, bran or middlings; for adult hogs, one part tankage to 11 parts corn, bran or middlings. This balance a ration, with the proper proportions of each, to build up the hog or maintain or fatten the hog.

Vegetable Matter for Soil.
There are many known methods of supplying the necessary vegetable matter to the soil. Crop residue is usually the basis of more humus. Grass or sod crops are the most valuable in this respect. Stable manure is also of great value in increasing humus. Winter cover crops, such as annual clover, vetch, or rye, are now extensively grown to be turned under in the early spring.

Good Business Proposition.
Time was when the selection of seed corn on the farm was looked upon somewhat as a fad. Sentiment, though, has changed until to-day we have come to consider the field selection of seed corn as a thoroughly approved business proposition.

The early robin was seen in Toronto on Jan. 3rd, by Mr. Carter of the Dept. of Health, so the Globe reports. Don't expect Spring right away because of this report.

*Persuasion Failed,
They Took to Force!*

SHE was so proud of her first cake. It was so light so tempting!

But her young brothers had an eye on it, too, and ———!

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