

BOOK REVIEW.

A BOOK FOR WINTER EVENINGS.
Townsmen and newspaper editors who by spells give an enthusiastic support to the "back-to-the-land" movement, under the impression that farming is an easy and simple deliverance from the ills they are accustomed to see, should invest in a copy of "The Principles of Rural Economics," by Prof. Thos. N. Carver, of Harvard University. Trying the job themselves would be more practical, but buying the book is a cheaper plan. Thoughtfully read, it will certainly lead to a more intelligent understanding of what is really meant by farm management and the many questions involved in rural life. The study of man's efforts to obtain a living is what is meant by "economics." By actual practice, observation in America and Europe, and his work as a teacher, Prof. Carver is well qualified to discuss the subject, and he has produced a comprehensive, lucid and suggestive volume. The general principles are fairly stated, the historical portion is helpfully interesting, and the question of land, labor, management, capital, distribution of products, organization, and rural social life, are all intelligently presented. In the chapter on the distribution of agricultural income, there are awakening tables showing the price for various products received by the farmer, what is paid by the consumer, and how the difference is eaten up. Here and there one could wish that the case might be stated in briefer form, and where so many points are dealt with there may be room for difference of opinion, or, at least, of emphasis upon certain conclusions. The long winter evenings with opportunities for reading are coming on now, and one of the best ways we could suggest to individual farmers and farmers' clubs, would be a careful study of a book of this sort, along with others with direct bearing upon the class of farming pursued in the neighborhood. The publishers are Ginn & Co., Boston, and it may be ordered through this office at \$1.60, postage prepaid.

GOSSIP.

NAPHTHALENE IN ROAD TAR.

As a large part of the roadwork in this country seems destined to be effected by the use of tars in road treatment and construction, a systematic investigation of the effect of various constituents upon the adaptability of tars as road-binders, is of great importance.

Hence, the recent circular issued by the U. S. Department of Agriculture on "The Effect of Naphthalene Upon the Consistency of Refined Tars" (Office of Public Roads, Cir. No. 96), is a valuable contribution to good roads literature. While definite conclusions are not announced, the results strongly indicate four determinate facts:

(1) That the fluxing value of naphthalene for tar pitches is somewhat greater, although quite similar, to the heavier naphthalene-free tar distillates, until the mixture becomes saturated with naphthalene;

(2) That for the harder tar pitches, the addition of very small percentages of naphthalene will produce a marked increase in fluidity of the resulting product;

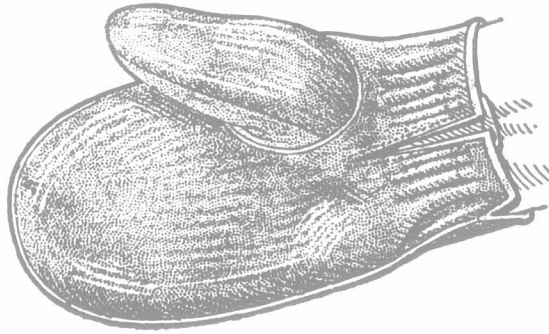
(3) That for the softer pitches, the addition of naphthalene in small quantities causes less increase in fluidity than the harder pitches;

(4) That where naphthalene is added beyond the point of saturation, a rapid decrease in the fluidity of tars at temperatures below the melting point of naphthalene is observed, but at temperatures above its melting point, the fluidity continues to increase.

Further evidences point to the fact that, within a reasonable degree of accuracy, it should be possible to foretell, by use of the data given in the pamphlet, what consistency to expect from the addition of a given percentage of naphthalene to a tar pitch or refined tar of known consistency, irrespective of the free carbon content of the tar.

Wm. H. H. & Sons, Living Springs, Ont., J. H. Bergus, G. T. R. and C. P. R., are offering for sale at reduced rates, for two weeks, a fine lot of Yorkshire sows, four months old. This is an excellent chance for persons wishing to purchase a pure-bred sow, at small cost.

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Vancouver, B.C., Can.,
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The above is C. E. Brooks, of Marshall Mich., who has been curing Rupture for over 30 years. If ruptured write him to-day.

"THOROUGHLY CURED."

Ingersoll, Ont., Can.,

Feb. 6, 1911.

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Dear Sir:—Perhaps you will be interested in hearing what your Appliance has done for me. I know without doubt that my rupture has thoroughly healed after a term of sixteen years' suffering, and I attribute my restored and healed condition to the wearing of your Appliance, which held the bowel firmly and painlessly during the healing process. I have not worn it for months—neither do I feel in need of it.

With best regards, I am,
Yours very truly,
F. C. NOXON.

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