

The Farm Page



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A quart of milk has as much protein as seven ounces of sirloin steak, 8.6 ounces of fowl, or 4.3 eggs.

A quart of milk supplies as much energy as 14 ounces of round steak, 14.5 ounces of fowl, or 9 eggs.

BE WISE USE MORE MILK

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HOW TO GROW SUPERIOR BEANS FOR SEED SUPPLY

Experimental Farm Note Gives Results of Tests Made

It is of the utmost importance that truck growers find out what buyers want, as it is useless to produce something, however good it might be, which does not sell easily. A few markets call for a first-class article of high quality, and in this case it is certainly better not to grow a coarse vegetable, whilst other places demand bulk at low cost, and this means that larger yields must be had. In some sections, early stuff is remunerative, and in others it would not pay to offer this kind. To meet certain requirements year after year, a person must have seed from a specially selected strain, as what is bought in the trade is liable to produce differently from one season to another.

Whoever wishes to start this kind of work must, first of all, have a clear idea of what is wanted, so as to increase or intensify the required characteristics by means of selection and, at the same time eliminate undesirable features. As beans very seldom, if ever, cross, a certain number of plants, the larger the better, are chosen in the field or garden, and staked, so as to allow them to mature seed. The next year, an equal quantity of beans from each plant is sown in as many different rows and the product of each row examined for whatever point it is desired to improve, such as appearance, yield, earliness, size, etc. The following season, a few of the best strains are grown, and so on, until only one is kept. Even after this, beans from the best plants, but not necessarily sown in separate rows, must be used each year if the strain is to be kept up to grade. One of the main things to guard against, in all this work, is anthracnose, and no seed should ever be used on which are unhealthy spots, or even from pods affected in this manner.

Work at Cap Rouge.

In 1911 selections were made of a few standard varieties, and in 1915 four Cap Rouge Experimental Station strains yielded at the rate of 106 bushels of green pods per acre more than the seed bought from well-known seedmen, which was an increase of 45 per cent.

Farmers can get at Cap Rouge, or possibly at the Experimental Farm in whose district they are situated, good, vigorous, well-bred seed, and by a few hours' work each year, they can keep the stock up to high grade. Applications should be sent in early as the quantity grown at each station is limited and will only be increased if there is a demand for it.—Experimental Farm Note.

NEW STILL ENGINE SURPASSES ALL IN EFFICIENCY

A new invention which passed the tests at a considerably higher percentage than any marine engine hitherto built, is the Still engine, recently perfected and tested in England. It gives a brake thermal efficiency of 30 per cent over its predecessors, and by means of governor control alone can meet any demand up to and over 100 per cent overload, and maintain a good efficiency at that increased output.

The Still engine is an engine capable of using in its main working cylinder any form of liquid or gaseous fuel hitherto employed; it makes use of the recoverable heat which passes through the surfaces of the combustion cylinder, as well as into the exhaust gases, for the evaporation of steam, which steam is expanded in the combustion cylinder itself on one side of the main piston the combustion stroke acting on the other side. It increases the power of the engine and reduces the consumption of the fuel per horsepower developed.

In other words the engine uses both forces, the explosion of the gas or oil and the steam generated by the cooling water for the production of power.

NEW PUBLICATION FAVORS ISSUE OF BONDS TO SOLDIERS

"Play Fair," a publication for the advancement of the principle that the soldier and sailor are entitled to full commercial compensation for the time they have given their country, has just made its appearance in the United States. Its plan is that Congress authorize a Soldiers' and Sailors' Victory Bond issue at the coming session and give each soldier a \$50 Victory Bond for each month he has served in the camp or trench.

These men cannot be paid for their patriotism, for the hazards they have faced, or stood ready to face, but they can be paid for their time, and should be. It is also proposed that the bill for this measure carry a provision that each soldier accepting its benefits must give a signed release to the Government for ever disavowing any service (not disability) pension claim. A modest tax on the thousands of millionaire war profiteers would do the trick.

HEREFORD SALE WILL BE HELD LATE IN OCTOBER

A sale of strictly high-class Hereford cows and bulls will be held towards the end of October, 1919, according to a decision of the executive of the Alberta Hereford Breeders' Association, at their meeting held recently in Calgary.

The preliminary entries will close August 1, finals on September 1. The sale will be limited to the number of 150 and these will be sold absolutely without reserve.

The sale ought to prove a great attraction for breeders who want the best as the directors have made it imperative that nothing but the finest of animals will be accepted.

PRE-WAR TRADE UNION CUSTOMS RESTORED IN ENG.

Government Bill Providing For Restoration of Certain Trade Practices

The text has been published of the Government bill providing for the restoration, after the present war, of certain trade practices and to amend the law relating to munitions tribunals.

Clause 1, which deals with the restoration of these practices, is split up into six sub-sections.

Sub-section 1 states that in any establishment to which the bill applies, where practices or customs have been departed from in consequence of the war, the owner shall be under an obligation, at the expiration of one month from the receipt of a specified notice, to restore, or permit the restoration of, such trade practices for the period of one year.

New establishments or branches are dealt with in Sub-section 2 on similar lines.

There is a provision in Sub-section 3 that an obligation under this section shall not become binding on the owner of any establishment, unless, within three months after the termination of the war there is served on him, by, or on behalf of a majority in the establishment of the class or grade of workers whose custom it was before the war to maintain the trade practice in question, a notice requiring the observance of the obligation.

If the owner of the establishment is not prepared to comply with the notice, or is in doubt as to its nature, it is provided in Sub-section 4 that he must give a counter-notice within 14 days of the receipt of the notice.

Where such a counter-notice is given, Sub-section 6 provides that either party may apply to a munitions tribunal of the second class to determine whether the obligation exists or, as the case may be, the nature of the obligation. Any order made by the tribunal shall be conclusive in any proceedings that may subsequently be taken against the owner in the matter.

Clause 2 imposes a penalty not exceeding £25 for each day or part of a day during which failure to comply with an obligation under the bill shall continue.

A trade union or federation of trade unions may institute proceedings against an employer for an offence under the bill.

The powers of the Minister of Munitions in relation to munitions tribunals are, by Clause 3, transferred to the Minister of Labor.

The establishments specified under Clause 4 are those in which munitions work has been carried on and any other establishment in which departure from practice was made in consequence of the Treasury agreements of 1915.

Sub-section 2 of this clause brings Crown establishments under the purview of the bill, and makes them liable to similar proceedings as a privately owned establishment.

ALLIED PACKERS IS NAME OF NEW CHICAGO PLANT

The Allied Packers, Inc., is to be the name of the new \$100,000,000 Chicago packing plant of which John A. Hawkinson, former vice-president of Wilson & Co., is to be the head.

Eleven plants in the East, South and Canada already have been taken over by the new organization.

Vice-presidents of the concern will be F. S. Snyder, former head of the meat division, U.S. Food Administration, and Albert W. Schenk of Wheeling, West Virginia.

An unusual feature will be that the plans included in the new organization will come in with the present owners retaining operating and financial interests, which is a departure from the general plan of associating a number of smaller concerns into one big company.

MILLION DOLLARS TO ACQUIRE FARM LAND FOR SOLDIERS

A bill passed by the Wisconsin state assembly appropriates \$1,000,000 to acquire farm land for demobilized soldiers, who may pay for the land within 40 years, at 5 per cent interest. The law will be administered through the land settlement board.

LABOR SCARCITY AND HIGH WAGES BEST FOR FARMERS

Great Agricultural Depression Follows Periods of Cheap Labor

The future prosperity of the Canadian farmer depends upon the success of organized labor in maintaining its present wage scale, said Secretary of Agriculture Agnew of New Jersey in an address to 4,000 farmers. The speaker said that a scarcity of farm labor and high wages is better for farm profitability than cheap labor in abundance.

"It is a fact," said the speaker, "that farmers' periods of prosperity have only been when labor was scarce and high priced. Great agricultural depression has always followed periods of cheap labor. This is partly due to the fact that a considerable portion of the farmer's income is a labor income, so when labor is high priced, the farmer's own work brings him more money. Another reason is that well-paid labor affords the best market for high-grade products. Of course, it is a serious matter not to be able to obtain labor for the farm, but it is better to have a condition of small labor supply than one of small food prices."

SHORTAGE IN FEED CAUSING DROP IN PRICE OF HORSES

Horses are cheaper than they have been for many years in Southern Alberta, say horsemen who have been attending the sales in the southern part of the province for the past sixteen years. The shortage of feed is causing quite a run of horses to the auctions, and it is making a great harvest for those who are able to handle them. And shipments are being made down to Winnipeg, Northern Saskatchewan and into the northern parts of Alberta.

The action is practically all in the lighter horses, and it would surprise some of the buyers the prices which would have to be paid for the few superior teams which are moving. The demand for them is so limited that there is very little trading being done in them, and the only demand is an occasional sale to the express companies.

SWIFT CANADIAN SHIPS SIXTY CARS BEEF TO ITALY

Sixty cars of frozen steers have been shipped from the Swift Canadian plant in Edmonton last week consigned to the Italian Government. These are to be taken over on the "Nagara," which will carry about ten million tons to Italy. Another ship with about half the capacity will take the rest of the Canadian consignment. This shipment from Swifts completes their first contract with the Italian Government, and great care has been taken that they shall be delivered to the boat in Montreal in first-class condition.

In addition to special care in packing in the refrigerator cars, a specially experienced refrigerator man is sent along with each shipment. The responsibility of the packers ends with their delivery to the boats.

H. F. Chase, of the British Ministry of Food, was in the West recently, inspecting the beef. He was loaned to the Italian Government for this purpose.

FARMERS' LEAGUE WOULD TAX VACANT LOTS IN CITIES

In an open letter to members of congress the Farmers' National Single Tax League declares that rent profiteering has so outraged the people in large cities that if relief is not promptly forthcoming that it will be made an issue in the next election.

"There is no city in the country," the letter states, "that does not have almost as much vacant land as improved within its limits or immediately adjacent. The levying of a stiff tax against such vacant land and the removal of taxes from houses would bring most of it into use at reasonable prices and would stimulate the building of homes."

"The workers of the United States are not going to tolerate land monopoly and speculation. Farmers and city wage-earners alike see that if any group in society is allowed to get something for nothing the real producers are sure to be defrauded."

CHARTERS OF 45 JOINT STOCK CO'S. TO BE CANCELLED

According to the Alberta Gazette forty-five joint stock companies are liable to be struck off the provincial secretary's register. The British-Canadian Mortgage and Investment Company and the Mountain Spring Brewing Company are among those on the list, as are also ten petroleum and oil concerns that were organized and incorporated at the time of the Calgary oil boom and are now inactive.

The union label supersedes the boycott by concentrating the purchasing power upon union products.

MOTOR VEHICLE LICENSE FEES

1. \$5 in case of a motorcycle, and for any other motor vehicle according to the length of wheel base in inches as follows:

For motor vehicles not exceeding 100 inches.....	\$15.00
Exceeding 100 inches but not exceeding 105 inches.....	17.50
Exceeding 105 inches but not exceeding 110 inches.....	20.00
Exceeding 110 inches but not exceeding 115 inches.....	22.50
Exceeding 115 inches but not exceeding 120 inches.....	25.00
Exceeding 120 inches but not exceeding 125 inches.....	27.50
Exceeding 125 inches but not exceeding 130 inches.....	30.00
Exceeding 130 inches but not exceeding 135 inches.....	32.50
For every motor vehicle exceeding 135 inches.....	35.00

2. The foregoing fees shall include the cost of office set of number plates.

3. The fee, payable after October 1 in any year, shall be one-half of the fee above prescribed.

4. Fire engines and fire patrol apparatus, police patrol and municipal owned ambulances shall be exempt from payment of the above fees, but such motor vehicles shall be registered and number plates issued on payment of fee of one dollar for each pair of number plates on filing of the statement required under section 3 of "The Motor Vehicle Act."

E. TROWBRIDGE,
Deputy Provincial Secretary.
Edmonton, April 24th, 1919.

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