

## Sprung Spindles

**N**EXT to bowls going out of balance, due to wear and tear, or misuse, there is no other feature that is a source of so much trouble as the bowl spindle becoming slightly sprung. While this can happen only by rough handling, or accident, it is a frequent occurrence. Even if the spindle is sprung as little as one one-thousandth of an inch, it will cause a decided vibration, or jar, in the whole machine. The only thing to do is to send such a bowl back to the factory and have the spindle straightened.

## The Self-Centering Bearings

used in the "SIMPLEX" Link-Blade Separators exclusively, overcome this trouble. The reason is, that with the **Self-Centering Bearings**, the bowls are free to run on their neutral axis, instead of being confined by bearings to try to make them run on their mechanical axis, therefore they are independent of the location of the mechanical axis, and it makes no difference, so far as the running is concerned, if the spindle is slightly sprung. Of course, this does not apply to extreme cases, but it takes care of the average case as met in practice.

## The Simplex Separator

is the only one now on the market that will always preserve its running qualities independently of the balance of the bowl, or the absolute straightness of the spindle.

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## Cows and Cash

Is it not time that all dairy farmers in Canada came to think seriously of what might easily be accomplished by a little, a very little extra effort? Very few would pass by the opportunity of picking up five or six five dollar bills the conditions were not difficult. There is a huge sum of money waiting for owners of dairy cows.

Not only in present cash value assured for the application of a little brain power, but a solid and permanent improvement of dairy conditions, a distinct raising of the whole status of dairy farming, a measurable gain in contentment and self-respect, a notable and enviable addition to our reputation among the nations of the world as high-class dairymen would quickly result.

Unfortunately we have to go on record even in these days of wide spread and easily available dairy knowledge as owning lots of cows that produce only 2,800 or 2,500 lbs. of milk during their best six or seven months. Such cows are no credit to their owners and such owners rarely do credit to the dignified title of dairymen. As Canadians we should jealously guard against such a condition of affairs being possible. It is easy to detect those poor cows by recording weights of milk, and it is injurious to any district to retain such wretched specimens, mongrels not real dairy cows. The queen of the dairy, the select cow will do infinitely better if handled right by men who put dairy intelligence into daily operation.

To return to that pile of cash; if only half the cows in Ontario were made to yield just ten dollars more milk, it means an extra Five Millions of dollars within easy reach.—C.F.W.

## Split-Log Drag in British Columbia

Editor, Farm and Dairy:—I note with pleasure the communication from D. James, York Co., Ont., (Aug 26th last), referring to the work done by the split-log drag or King road drag. I would like Mr. James, or some other party familiar with the work done by Mr. Rittenhouse in Lincoln Co. to favour your readers with particulars of work and results accomplished.

I like the suggestion that the Provincial Government make a grant for the encouragement, by means of competition of the use of the split-log drag. From what I have heard and read, as well as from personal use, there is no other means by which an earth road can be so cheaply and effectually maintained as by the systematic use of the King road drag.

Being path master in my district for the past season I have endeavored to have it used along the lines suggested by Mr. James. I have rebated taxes to four parties who have undertaken and are using the drag, but it is uphill work to get people to adopt and put into practice this simple and cheap method of maintaining earth roads.—N. F. Page, New Westminster Co., British Columbia.

## The Canadian Navy

Editor, Farm and Dairy:—The proposal of the Canadian Government to spend \$20,000,000 on the establishment of a navy is a very important issue at the present time and should be very carefully considered. I am not in favor of the proposed expenditures as I fail to see the advantages of such a course. Money would accomplish much more good, were it used in holding peace conferences between nations.

At the rate the warship craze is going, our few boats would be of very little value. Canada is a peculiar country with a peculiar people, why

not let it stand out boldly for peace? Why hold conferences and then turn around and build boats to kill the other fellows? Besides the expense in maintaining a fleet and the notion on it could be used more advantageously in running many and varied industries.

The will of the people should be ascertained on such an important question before action is taken.—C. H. Shuh, Waterloo Co., Ont.

## Strongly Opposed to Navy

Editor, Farm and Dairy:—One of the first of its kind, and I believe one of the worst pieces of legislation that has ever been brought forward by our Canadian Government, is to be brought forward next session, and no doubt neither party will oppose it. But why? Because they would be called disloyal and for this reason we are to be treated as a nation that no one can estimate. But, be that as it may, it is not the worst feature—not by far. War is never thought of in Canada and the idea of turning the attention of an industrious people to even think of such, may have a far reaching and very bad effect on the nation that is making the greatest progress of any nation at the present time, and that without a navy.

Human nature is about the same, whether taken in a nation or in an individual. How would a farmer succeed who was spending more money on guns and ammunition than on farm implements? and then he and his sons are spending the time training how to use those guns and boasting that the lion and cubs are going to keep the supremacy? Would his method of war peace or would the lion and cubs not get into serious trouble some day when not expecting it? Lambton County is represented by two of the ablest men in Parliament on each side of the House. Let us get after them on this question.—D. N. Anderson, Lambton Co., Ont.

## Farmers' Institutes

The dates for a portion of the regular series of Farmers' Institute meetings in Ontario have been announced. These meetings are worthy of the support of all interested in agriculture. Not only do those who attend get information of value from the speakers bearing directly upon their farming operations, but they are also afforded an opportunity of discussing local conditions with their fellow farmers. In every locality there are one or more farmers who are producing grain, fruit, roots, stock, etc., at greater profit than the average farmer. A discussion of methods and practices on the part of farmers in a community is disseminating beneficial ideas. Indeed, the discussion at regular institute meetings or at meetings of farmers' clubs have proved to be most valuable in disseminating information that means dollars and cents to those taking part.

Superintendent Putnam reports the regular institute work during the past year as having been most encouraging. Attendance has been larger and a larger number of young men are taking an active interest in the work.

Members of the institutes in each locality should make it their business to invite their friends and neighbors to the meetings and assist the officers wherever possible. Such class as do not manifest a keen interest in the institute work during the coming season will be presented to give assurance by the presentation of a petition means that a meeting will be supported before lecturers will be sent in succeeding years. Some points where the people did not show appreciation of the work last year have been struck from the list.

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