

THE SHORT VS. THE LONG PEG TOP

Most of us when we were boys have spun tops, and will remember that the short peg top was the easiest one to spin. It "stood up" at the lowest speed. The longer the peg, or the higher the top, the more difficult it was to spin. It required a higher speed to maintain it upright, and was the first one to "die down."

This simple mechanical fact seems to have been



entirely overlooked in the design of the first Cream Separators. They were designed with a long spindle resting on a step or pivot bearing, and as this type of machine was successful in other respects, it was followed by subsequent designers. The Self-Balancing 'SIMPLEX Bowl' is a radical departure from this original and old-established type. It is a "short peg top," because it spins on a bearing right next to the bowl itself, not on one at the end of a long spindle. The principal function of the spindle in the Self-Balancing

SIMPLEX Bowl is to provide means for driving the bowl. It does not support the weight, or take the strain of the running bowl. Anyone can realize at a glance the simple principle involved, and, as is the case on all important inventions, the wonder is that it had not been thought of before.

The SIMPLEX Link-Blade Separator

contains more modern improvements than any other Separator made. When you buy, get an up-to-date machine; they don't cost any more than the machines made on old-fashioned plans.

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Butter and Cheese Makers desirous of selling their products in Montreal will always find buyers and excellent Cold Storage facilities at the

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there. Leading Factory men throughout the Country have for years made use of these Stores as a market, obtaining the highest prices for their Goods with immediate payment. Write us and learn how this is done.

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Ontario's New Minister of Agriculture

The Hon. Nelson Monteith has resigned as Minister of Agriculture for Ontario. His successor is Mr. James S. Duff, member for South Simcoe. Mr. Monteith handed his resignation to Premier Whitney, shortly after the elections last June, when he met defeat at the hands of his constituents in South Perth. Considerable pressure was brought to bear upon Mr. Monteith to induce him to change his decision, but he preferred to retire into private life when the opportunity presented itself.

The new minister, the Hon. James S. Duff, has been a man of affairs in his own district for many years. He comes of good Irish stock, though both his father and mother were born in Canada. His grandfather came to Canada from Ireland and settled on land about two miles west of Cookstown, Ont., in 1825. On the west half of the 200-acre farm then taken up by the new Minister of Agriculture was born and has lived on it ever since. He manages this farm to-day, and is rather proud of the fact that the original land taken up by his grandfather has remained in possession of the family so many years. His uncle, the younger brother of his father, still lives in the old homestead, on the east half of the original farm, built many years ago. The new minister's farm is located in the 2nd concession of the Township of Essa. Mixed farming is carried on, grain growing, cattle feeding, and other live stock receive their share of attention. That the farm is well adapted for this kind of agriculture is shown by the success Mr. Duff has made of his chosen calling.

Early in life Mr. Duff identified himself with the South Simcoe Agricultural Society, becoming in turn 2nd, 1st vice, and president. The last office he held for many years. He entered the Township council in 1888 and remained in the work for several years. His entry into the political arena began in 1884, when he ran against a patron in his own riding only to meet defeat. He was more successful in 1888 when he carried South Simcoe by a large majority, and has held it ever since.

Born in 1856, Mr. Duff's education and training has been that of most farmers' boys. He attended the public school and the Collingwood Collegiate Institute, returning to the farm to enter upon his life's work. He is a Presbyterian in religion and his wife is a daughter of James R. Stoddard, of West Gwillimbury Township.

Mr. Duff was elected and began his duties as Minister of Agriculture last week. His policy regarding the future conduct of the Department has not yet been announced. Speaking to a representative of The Canadian Dairyman and Farming World, who interviewed him in Toronto, he expressed a strong desire to follow closely along the lines laid down by his predecessor, Mr. Monteith, whose advice and counsel he hoped to have in guiding the future destiny of agriculture in his native province. He paid the former minister a well merited compliment by saying: "I hope when my term of office expires I shall have as good a record in the country for faithful and progressive work as the Hon. Mr. Monteith has."

Millet and Pumpkins as Supplemental Feed

Editor, The Dairyman and Farming World.—The article prepared by Mr. George Rice on "millet for pasture" appearing in your issue of August 19, should be put before the farmers in some way so that they will all have a chance to grasp its meaning. Inasmuch as it is one of the best articles I have ever read on cheap and profitable pasture. If we could keep the milk sup-

ply up to within 1,000 lbs. a day of what it is in June it would mean in our factory over \$1,500 for our patrons for July, August and September.

After September we can then make use of pumpkins which are ready to feed about that time. Pumpkins cost no extra money and but little labor as a feed for October. They can be sown and harvested with the potatoes and they are an exceptionally good milk producer. Pumpkins are very profitable and require very little care or labor to plant a small plot of ground to pumpkins.—H. J. C., Peterboro Co., Ont.

To Improve Farm Life

President Roosevelt has appointed a commission to enquire into the social, sanitary and economic conditions of American farms, and to suggest improvements. He believes that the improvement in country life has not kept pace with the life of the nation as a whole. He quotes this remarkable saying of a southern physician: "Possibly from a health point of view, I would prefer to see my own daughter, nine years old, at work in a cotton mill, than have her live as tenant on the average Southern tenant one-horse farm." This would indicate that agriculture in the South is in a very backward state, a natural result of the curse of servile labor with which the country was so long afflicted. But while other parts of the Union would make a better showing, the question is of national, indeed of world-wide importance.

President Roosevelt finds a widespread belief that the prizes of life lie in the city. He therefore wants to bring out suggestions for better business methods in agriculture, as well as for better living. "How," he asks, "can the life of the farm family be made less solitary, fuller of opportunity, freer from drudgery, more comfortable, happier, and more attractive?" Such a result is most earnestly to be desired. How can life on the farm be kept on the highest level, and where it is not already on that level, be so improved, dignified, and brightened as to awake and keep alive the pride and loyalty of the farmer's boys and girls, of the farmer's wife and of the farmer himself? How can a compelling desire to live on the farm be aroused in the children that are born on the farm? All these questions are of vital importance not only to the farmer, but to the whole nation. We hope ultimately to double the average yield of wheat and corn per acre; it will be a great achievement; but it is even more important, dignified, and desirable, comfort, and standing of the farmer's life.

Items of Interest

It is reported that the Union Stock Yards of West Toronto, Ont., have been disposed of to the Swift Co., of Chicago, although it is also stated that the city have tendered for the property.

Prof. A. McLean, Associate Professor of Animal Husbandry at the Iowa Agricultural College, Ames, Iowa, has accepted the position of head of the animal husbandry work at the Mississippi Experiment Station.

A feature of the third annual Dairy Show to be held in Chicago commencing Dec. 2nd will be a contest and program for managers and secretaries of local creameries and cheese factories. There will be no butter exhibit this year.

The Canadian Dairyman and Farming World is a popular paper. Now that it is published in Peterboro, it is bound to take well with the farmers in this county.—Arthur Carveth, Peterboro County, Ont.