



Compressed Air (from the "Downward Squeeze" which causes the teats and thus helps them in perfect health. This action also massages the udder milking and thus decreasing the milk flow. Found ONLY in the Sharples Milker.

Sharples "Upward Squeeze" is the correct milking method

A thousand different experiments were tried before Sharples developed what he believed to be the correct milking principle—the famous Sharples "Upward Squeeze" teat cup. And the success of the Sharples Milker has confirmed his belief! To-day over half a million cows are being milked twice daily with the

SHARPLES MILKER

"The Only Milker with Positive Squeeze"

Sharples is the only Milker that has a positive massaging action and upward squeeze—the result of a patented compressed air principle. This action carefully massages back to the udder the blood drawn down to the small teat veins by the milking, thus keeping the teats in perfect condition.

Tests also have proved that the Sharples is the world's fastest milker. This has more than one advantage. Not only does it enable you to finish milking in one-half to three-quarters of the time required by other milkers, but fast milking actually increases the milk flow. Perry Emper, of Chesterville, Ont., found that his cows gave from one to five pounds more milk per day with the Sharples Milker than when milked by hand. He offers his milk sheet to prove it.

Our catalog will fully explain to you the advantages of milking with a Sharples Milker—write our nearest office for it to-day, addressing Dept. 77

The Sharples Separator Co.

Toronto, Ont.

Regina, Sask.



SYDNEY BASIC SLAG

Is the Ideal Fertilizer for Fall Wheat

Mr. D. A. Ferguson, a well-known farmer at St. Thomas, Ont., writes on 17th August, 1917:—

"Just thought I would drop you a line to say we have threshed our wheat that we fertilized with 'Basic Slag' and we have a yield of over fifty bushels per acre. Wheat is an extra fine sample. 'Our neighbors are becoming quite interested in 'Basic Slag.'"

Don't you think it is worth while investigating? Couldn't you take a carload of twenty tons and distribute among your neighbors? Write us and our representative will call and talk the matter over.

THE CROSS FERTILIZER CO., Limited
SYDNEY, NOVA SCOTIA

Potato Grades

POTATOES offered for sale in Canada hereafter must conform to the following grades, which were incorporated in the Inspection and Sale Act of Canada at the last session of Parliament:

(1) No person shall sell or offer for sale any potatoes represented to be of—

(a) Number 1 quality unless such potatoes consist of specimens which are sound, of similar varietal characteristics, which are practically free from dirt, or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot and damage caused by disease, insects, or mechanical means. The minimum diameter of potatoes of the round varieties shall be one and seven-eighths inches, and of potatoes of the long varieties one and three-fourths inches. In order to allow for variations incident to commercial grading and handling, five per centum by weight of any lot may be under the prescribed size and, in addition, three per centum by weight of any such lot may be below the remaining requirements of this grade.

(b) Number 2 quality unless such potatoes consist of specimens which are sound and practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot and damage caused by disease, insects, or mechanical means. The minimum diameter of potatoes of the round varieties shall be one and seven-eighths inches, and of potatoes of the long varieties one and three-fourths inches. In order to allow for variations incident to commercial grading and handling, five per centum by weight of any lot may be under the prescribed size and, in addition, three per centum by weight of any such lot may be below the remaining requirements of this grade.

(c) The section shall not apply to seed potatoes.

(d) "Practically free" means that the appearance shall not be injured to an extent readily apparent upon casual examination, and that any defect from the causes aforesaid can be removed by the ordinary processes of paring without appreciable increase in waste over that which would occur if the potato were perfect. Loss of the outer skin (epidermis) only shall not be considered as an injury to the appearance.

"Diameter" means the greatest dimension at right angles to the longitudinal axis.

(4) Every person who, by himself or through the agency of any other person, violates any of the provisions summary conviction, for the first offence, to a fine not exceeding twenty-five dollars and not less than ten dollars; for the second offence, to a fine not exceeding fifty dollars, and not less than twenty-five dollars; and for the third and each subsequent offence, to a fine not exceeding two hundred dollars and not less than fifty dollars, together, in all cases, with the costs of prosecution; and in default of payment of such fine and costs shall be liable to imprisonment for any term not exceeding one month, unless such fine and costs, and the costs of enforcing them, are sooner paid."

Changes in Ontario Cabinet

SIR William Hearst has announced two important changes in the Ontario Cabinet. Venerable Archbishop H. J. Cody, D.D., rector of St. Paul's Anglican church, Toronto, will succeed Dr. R. F. Prentiss, Minister of Education. Mr. Geo. Henry, M.P.P. for East York, will take over the portfolio of agriculture which has been held by Sir Wm. Hearst since the death of the late O. Duff. Dairy farmers in Ontario will be pleased to have as the agricultural representative in the cabinet a practical dairy farmer. For many years Mr. Henry has been operating a 300 acre

dairy farm in the Don Valley of York township. He is a graduate of the University of Toronto, and spent one year at the Ontario Agricultural College at Guelph. He has given 11 years of service at a member of the municipal council of York county and was re-elected in 1909. He has been principally known to Ontario farmers because of his interest in the question of good roads. He is a member of the York Highway Commission and an officer of the Ontario Good Roads Association.

Women Help on the Farms

THE Ontario Government Help Employment Bureau writes as follows regarding the work of the "farmerettes," many of whom are still in training at Guelph:

"Each one receives an opportunity to milk, to hitch and curry a horse, to clean out the stables. Some members of the class have, of course, a decided advantage over others, in that they could do these things on their own before they arrived at Guelph. The others, however, atone for lack of experience by determination to learn. The extensionographers have encouraged that type of help, by strenuously saying 'don't do a bit and I didn't do so badly this morning' said one of them. The job of cleaning out the stables is not a particularly delightful one at any time—and remember it is done here at five-thirty in the morning—two hours before breakfast.

"Over 40 girls have already been sent out for mixed dairy, derry and other general farm work. As employer of one of the girls already sent out writes: 'Miss A. is certainly living up to the reputation of the other girls sent out in this neighborhood, and we are very much pleased with the work she is doing.' That particular girl is doing pruning, spraying and planting. One of the others referred to in the report is the one at the Government Employment Bureau as follows:

"We are getting quite used to my work and like it. We do the milking, harvesting, spraying, and also take charge of the horses and barns. Both Mr. and Mrs. D. are very nice and certainly do all in their power to make us feel comfortable and at home.

"Farmers who want good girls to do outdoor work on the farm, two hours a day in the farm house should apply at once to the Director of Women's Farm Work, 15 King Street, East, Toronto."

Social Activities of Elgin County

THE Granges in Elgin County have been receiving and paying fraternal visits this spring. In April Forest Rose Grange maintained Apple Grove, and in return Apple Grove invited the members of a couple sugar socials in their hall the following week. As both meetings were largely attended a very enjoyable time was spent in music, speeches and recitations, in which both Granges assisted.

At the regular meeting of Apple Grove Grange a resolution was passed to send letters to the Premier expressive of disapproval of the amendments to the Militia Service Act. This was done, and courteous replies have been received. Many of the young men of this Grange have done the khaki, and two have made the overseas sacrifice. It seems to the members that not one more can be spared at present, as nearly every farm in Middlemarch has been cropped in its utmost capacity this spring in answer to the call for more production.

The members of Apple Grove will hold a box social at its next meeting to assist in the patriotic work. The Grange receives \$10 a month from the township council of Southwold to be for year, but the knitters are calling for more.

Trade increas
VOL. XXXV

A Review

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