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SYNOPSIS OF CANADIAN NORTH-WEST AND REGULATIONS

WEST AND REGULATIONS

ANY DEERSON who is the sole head of a hazily, or any male over 15 years old a label of the sole head of a nutrie section of available Domestic of the sole of the so

Detailed the control of the control

A homesteader who has exhausted his homestead right and cannot obtain a pre-emption, may enter for a purchased homestead in certain districts. Price \$1.00 per acre. Duties—Must reside six months in each of three years, cultivate fifty acres and erect a house worth \$3.00.00.

W. W. CORY. Deputy of the Minister of the Interior N. B.-Unauthorised publication of this advertisement will not be paid for.



Butter makers are invited to send of contributions to this department to a salt questions on matter relating to the salt questions and to suggest sub-officer for disc and to suggest sub-officer for disc many popurations setting to Oreanery Departments setting to the salt of the sal

More About Creamery Grading*

C. Marker, Dairy Commissioner, Alta.

In establishing standards for the In establishing standards for the grades of cream when paying for cream according to quality, we must necessarily be guided by local conditions and the ultimate market to which the butter is to go. We should also make the grades so few and broad and clear that the patrons will

broad and clear that the patrons will readily understand what they mean. In Allerta wadopted at the be-ginning of the so soon 1910 the follow-ing definition for the grades as be-ing sufficient for present require-ments. Any buttermaker in charge of ments. ments. Any buttermaker in charge of a creamery who is competent to make first-class butter is also competent to properly and equitably place the grade on the cream :

DEFINITION OF GRADES

First grade—Oream, preferably sweet, from which first-class butter-can be made by a competent butter-maker. The flavor to be clean and fresh, and consistency smooth and oven. Second grade—Oream, sour or old-ex, bitter in flavor but of a smooth and even consistency. Cream which is not clean, which is lumpy, very stale or old-the scene which is butter or musty in flavor would not be accepted. not be accepted.

In order that the creamery patron In order that the creamery patrons may become familiar with the grad-ing system in use at the creamery in which they are interested parties it is advisable that arrangements be made to have them visit the creamery occasionally and when practicable made to have them visit the creamery occasionally and when practicable take part in the grading. This will apply particularly to the patrons who, as a rule, supply cream of an inferior grade. It is by comparison that we learn and if such patrons be given we learn and it such patrons so given an opportunity to examine and com-pare a few samples they will soon learn not only what is understood by first grade, but they will also learn from the buttermaker how they, them-salves may be able to produce and handle their cream so as to get it into the premium class.

SAMPLES FOR GRADING

At some creameries the farmers de-liver their cream individually or form liver their cream individually or form small clubs in each neighborhood to take turn about and bring the indi-vidual pateron's cans into account of cry. This is the ideal system of cry. This is the ideal system of the beautiful commend it. It enables the buttermaker to keep in constant touch with his patrons, and where the right relations exist his criticism and suggrestions recarding the production.

suggestions regarding the production and handling of the cream will be received in the proper spirit and very received in the proper spirit and relatively acted upon. In such creameries the buttermaker has also personal les the buttermaker has also personal control of, and assumes the full responsibility for, the weighing, the testing and the grading of the individual lots of cream received.

The next best system of cream de-livery is that of organizing regular livery is that of organising regular cream routes and employing a collector to call at the house of such patron on his route on stated days of each week and pick up his cans of cache week and pick up his cans of the creamery the buttermaker will weigh, sample, and orade the cream from ple and grade the cream from patron's cans. The principal each patron's cans. The principal disadvantage of this system is the abdisadvantage of this system is the ab-sence of the personal relation between the buttermaker and patrons. Un-der this heading we may consider the cream shipped in by rail in individ-ual cans. While the element of per-

*Extract from an address at the Domin-ion Dairy Conference. More of this ad-dress will appear in later issues of Farm and Dairy.

Reseaseseseseseseseses sonal contact between the patrons and Creamery Department
Butter makers are invited to send
oak questions so this department to
ake questions and to suggest subbutter making and to suggest subbutter making and to suggest subto drow discussion. Address letters
to drow discussion.

WHEN CHEAR TANKS ARE USED
In cases where the cream is collocked from the patrons by cream
haulers and poured in the samples
and poured in the samples
which are taken and brough
creamery for testing purposes are also
creamery for testing purposes are also
to be used for grading each delivery.
It is important, therefore, that the
samples be thoroughly representative samples be thoroughly representative in point of richness, but they should in point of richness, but they should also reach the creamery in practically as good physical condition as the bulk of the cream from which they were taken, and any material rise in the temperature of the samples should be

This brings up the problem of de This brings up the problem of de-vising some inexpensive, yet efficient means for keeping the initial tem-perature of the samples fairly con-stant while in transit, even during the warm summer months

In this connection the use of insulated sample cases has been suggested, with ice as the cooling mention but a serious weakness in this method lies in the fact that it is not aiways practicable or convenient to secure ice or to replenish it in the sample cases along the cream routes. Insu-lated boxes without no conling me-dium would be of very little use. Wa-ter, however, is obtainable at overy farm house and is in itself a good cooling medium if properly used.

Good Things for You This Year

(Continued from page 13) den Number, March 7; Special Dairy Number, April 4; Farm Improvement Number, April 4; Farm Improvement Number, May 2; Farm Machnery Number, June 6; Exhibition Num-ber (Our Fifth Annual) Sept. 6; Household Number, Oct. 10; Sept. 6; Household Number, Oct. 10; Sept. 6; Cristmas Number Bergers and Christmas Number Bergers and Christmas Number Bergers and Sept. 10; S tishing this series of special num issing this series of special numbers. We assure you they will be better than ever. We will continue to publish, also, our illustrated supplements, as usual. These will all go to our people at no extra cost to them.

We would draw the attention of our people especially to the advertise-ment on page 11 this week telling of the veterinary, horse doctor and horse the veterinary, horse doctor and norse training book we are now offering. We anticipate a big demand for this book and would advise you to speak quick if you want one.

A great number of our people during the past year showed Farm and Dairy to their friends and neighbors, who gladly subscribed. Thanks to our people, we have to-day three thouof a circulation above what we a year ago. We solicit your sand of a circulation house that a year ago. We solicit your kindly assistance for this year and will pay you handsomely in cash or premiums for new subscribers you will get for us.

The following letter just received from Mr. T. R. James, Middlesex Co., ont., brings out two or three points as to why you will find Farm and Dairy of special value to you: "After reading Farm and Dairy this week I sit down to write you this letter of appreciation of what you are doing for us farmers. Your paper seems to become more necessary to me each week, and I like it better all the time. ceek, and I like it better all the time.

cour articles about the Prize Farms
find to be very helpful and interfind to be very helpful and why esting. Your articles about 'Why the Boys Leave the Farm' are great the Boys Leave the Farm' are great; I wish every farmer in this country could read them. I must say, also that I like your paper the more because you do not print any fake advertisements or advertise patent medicines that guarantee to cure all our illa."

Don't Know Too Much.-There ben't know Too Much.—There is no danger of patrons learning too much. Many of the creamerymen's troubles come from the fact that their troubles come from the fact that their patrons know too little. One of my parons, for instance, did on known, and until recently that there was supported by the fact of the f unmerciful rate. For my part, I would welcome the day when farmers would be fully informed on creamers matters.—M. J. Lewis, Victoria Co.

Have you forgotten to renew your subscription to Farm and Dairy?

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TWO CENTS A WORD, CASH WITH ORDER WANTED-Young man to learn Butter and Ice Cream Business; also two men to travel. Must. Googneisenced in creamery Business. Goodneisery and commission for the right men and Address Ideal Oreamery Co., Portage in Pratrice FOR SALE—Iron pipe. Pulleys, Beiting Bails, Chain Wire Fencing, Iron Posts etc., all sizes, very cheap. Send for list stating what you want. The imperial Waste and Metal Co., Dept. F.D., Queen street, Montreal.

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Dairy P (Can) address wil Prof W

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HOW TO The chief f afternoon sess "Cheese and Prof. H. H. I ultural Colle ublished in A. Zufelt, Kingston Dai have given a Making," was

daking, was it was expect if the Montre Produce Mo ould be in a the dairy situ point. Only owing his rem took place over est method o umber of number of da ory, weighed or door. This followed in the It was stated faction

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