fermentation that takes place in cream in producing in co-sequence ferments choese makers have completely risked like those used by Mr. Leclair, it has the quality of two or three months' been discovered that some of them manufacture, after the visit of an insothers that are able to impart a bad flavour to the cream, and in a very should begin by trying experiments short time cause it to become putrid, on a small scale on the methods re-Now, in the ferment prepared by allow commended to them, and never try. The milk delivered at factories ing the cream to ripen when exposed practically, without consideration, the during October has a higher per cent. hundred time more bad ones may re- sire to make them lose money.

also find their way into it.

M. Taché.—Before the subject is closed, I will add a word. It has often these results. happened, during the existence of the Dairymen's Association, that persons reading our reports with a desire to get the greatest amount of good from subjects are discussed before the meetings, not so much to persuade those. to whom they are submitted, to change their methods of working all at once, but for the purpose of drawing their particular attention to changes that may possibly supervene. If, for instance, a maker, who hears us talking about making butter from sweet cream instead of ripened-cream, take this literally, because he hears the lecturer say that he makes his butter from sweet cream and if he, from hearing this, change his whole system of butter-making, this is the result he exposes himself to: shopkeepers have enstomers whose known tastes they consult when they are making their purchases; now, these customers would very likely refuse any novelty. If you want to retain the custom of those, in fact, of all the consumers of the goods you make, you must give them the article they like. Hence, as

impart a good flavour to the cream, pector, simply because they changed but that it is necessary to isolate their mode of working all at once. others that are able to impart a bad This should not be done. The makers

duced, but it is also possible that a this was not offered them from a denumber more bad ones may result from the practice. So that, in employing it, for tipening the cream, the cream is impregnated with most of button making and the treatment of crobes of unknown kinds, and one is never sure of the results that will be never sure of the cream, It may state that Mr. Robating the forment of creaments, is now on a tour through and Denmark say that they have been suited to the uniformity and the desired quality. There are the London, the Bristol, the rectain creameries. This ferment of according formers that are now used in creaming ferments that are now used in creaming ferm

future of a factory may be risked by one day's bad work; and it is clear practices. that if this bad work take place, it is them, have taken what they find in not that, but many better results that them too literally. A crowd of novel were in view. Above all, be cautious.

(From the French.)

OFFICE OF THE DAIRY COMMISSIONER.

CENTRAL EXPERIMENTAL FARM.

DEPARTMENT OF AGRICULTURE,

OTTAWA, CANADA.

Notes for Cheesemakers for October.

By Jas. W. ROBERTSON,

Dairy Commissioner

A few years ago "October cheere

your butter reaches the foreign market, market." When, then, you observe they did not possess the ke-ping quasion to will be been discovered that some of them

market." When, then, you observe they did not possess the ke-ping quasion to will be provided by and flavour, which are so much the card those of working all at once. Should desired by English merchants and the card those of working all at once. Should desired by English merchants and consumers. During the last two or better one, continue to follow it; but if you intend to make a change, continue to follow it; but if you intend to make a change, continue to follow it; but three years a decided improvement in the dairy-school; consult them before reputation in the markets. By the dairy-school; consult them before reputation in the markets. By the stated that formentation is a kind of any other that you would be satisfactory, though Mr. your usual practice, you would be satisfactory, though Mr. your usual practice, you would be satisfactory in the dairy school; consult them before the dairy school is the dairy school; consult them before reputation in the markets. By the producing in consequence forments in the dairy school is the dairy school; consult with the discovered that formentation is a kind of any other that you know nothing decomposition. Still, in studying the fermentation that takes place in cream in producing in consequence forments, the quality of two or three months of the year. Suitable contended that the place in cream the quality of two or three months of the year. Suitable contended that the place in cream the quality of two or three months of the removed that the place in cream the place in the fact of the place in the fact of the first of the veniences for controlling the tempe rature of the curd from the milk vat until the cheese is ripe are required.

MILK.

The milk delivered at factories to the air, good ferments may be pro- advice given them, though, certainly, of fat and other solids than during the duced, but it is also possible that a this was not offered them from a de- summer months. Its flavour will be equally rich and nice, when the cows

are still defective. At the cost of a little labour and building paper, will probably last a long time, is to Our Montreal buyers are capital httle labour and building paper, take a ferment prepared from ripe-judges. They know what suits their almost any room can be made so close cream: this is w.ong; for if the cream eustomers. If they tell you that your in its walls that the inside temperato be churned is thus impregnated butter has not enough flavour, try to ture may be regulated at will by the with useful ferments, injurious ones, give it more. If they say its flavour is use of a stove or steampipes. There also find their way into it. too high, try to reduce it, and make ough ventilation once every day should use of the means that will produce be secured. The following paragraphs will be of service in refreshing the ex-Above all, be cautious; because the perienced cheese-maker's memory and in instructing the others in the best

1. Let the milk be ripened by the application of heat before the rennet is put into it. The ripening should be allowed to proceed to such a degree that not more than three hours will be required between the addition of the rennet and the development of acid perceptible to the taste or discernible by the hot iron test.

2. The use of sour whey to hasten the ripening should not be resorted to. Old milk which has become nearly sour to the taste muy be added, but loppered or thick milk should never

be used.

3. Rennet should be added in quantities sufficient to congulate the curd into a state firm enough for cutting in from 45 to 35 minutes at temperature of 86° or 88° Fah. It should be diluted with water to the volume of at least one gallon of liquid for every vat.

4. After congulation is perfect the curd should be cut finer than during the summer. The application of heat should be delayed for 15 minutes after them the article they like. Hence, as of Canadian make were deservedly in bad repute in the English markets. thieu de Dombales: "we must always, when working, keep one eye on the liable to go off in flavour quickly; when were deservedly in stirring is commenced; and the tember that the bitter taste of the salty while perature should be raised to 980 and whey.

14. Particular care should be taken when were deservedly in bad repute in the English markets. Their soft, porous body made them when working, keep one eye on the liable to go off in flavour quickly; whey is drawn off. After the middle to use only pure warm water when

of the month a temperature of 100°

will be preferable. 5. Care should be taken to so apply the heat and perform the stirring that the curd particles will be so dry before the development of acid is perceptible, that after a handful has been pressed

into a lump they will separate

6. The cord should be stirred before and after the removal of the whey until the whey is so well separated out of combination with its parcticles that they produce a squeaky sound when bruised between the teeth or otherwise.

7. After the whey is drawn off the curd should be kept at a temperature above 94°. If it becomes colder than 94° the development of acid will be hindered and excessive moisture will be retained in it during the souring process. The presence of such extra moisture in the curd at this stage will leave the cheese with a weak "pasty" or "tallowy" body, according to the

degree of acid development permitted.

8. A cover over the vat or a curl sink with steam pipes seems a simple

dispensable for determining with certainty, from day to day, the exact stage of acid development at which the whey should be drawn off. The filaments — thread-like processes should be about one quarter of an inch long. The proper degree of change for the cutting and salting of the curd has taken place when it feels mellow, velvety and "slippy," and shows a texture passing from the flaky or leafy into the stringy and fibrous. If it be too moist or soft, it nhous a state or ground at a rather our for stage and hand-stirred until dry enough, before the addition of salt. The most of the hand-stirring should precede the salting.
12. Not less than 3 lbs. of salt per

1,000 lbs. of milk should be used, and when the card is on the soft or moist side, 31 lbs. per 1,000 lbs. of milk should be added; the 31 lbs. rate is also preferable during the latter part of the month when cold weather pre-

13. Immediately after the application of salt, the pieces of curd become harsh and gritty on the surface; then in from 15 to 25 minutes the harsh ness gives place to a mellow condition. At the second stage—and the temperature should not be under 88—the curd should be hooped and pressure applied. Delay at this point or coldness of the curd destroys the decirable rosy flavour, and imparts to the cheese the bitter taste of the salty white whey.

14. Particular care should be taken