of time that the raw cream butter keeps, which is bound to make it the coming storage butter of America. aromas are incompatible with long keeping quality, so that, generally speaking, the raw cream butters have conglomeration we are daily producing ing that "nosy" bouquet flavor, soon and which we call butter. It behoves lose this characteristic. Pasteurized the creamerymen of the U. S. to keep butter does not be a second to the conglomeration of the U. S. to keep butter does not have so much of this evanescent, high flavor, and therefore holds up and retains its original flavors for a much longer period of time.

Then, too, we know just what kind of fermentation we have introduced into the cream, and know by experience that it is a species of bacteria that will not cause detranental fermen tation in butter. Another reason is that by chemical analysis pasteurized butter is shown to contain less curd, together with a tendency towards conof which is in its favor. But while about what our butter will be to morthe tendency is towards a lower water row, for we will get just what we want. content, we can readily retain from 10 to 12 per cent., which you all will agree is sufficient.

From a buttermaker's standpoint I am decidedly in favor of pasteuriza-tion for several reasons. The best buttermakers that we have to-day will admit that they have control over every detail of making butter except the most important step, namely, ripening the cream. We can separate at will, as we have a separator to concream.

it does contain several different spe- failure he slides. cies no one will pretend to deny, but a buttermaker has no means of knowhad not thought of it in that way, and tions to the pasteurizer at all. I believe that it is true that they have cream, nor a harvest of wheat without business.

weeds in it from the unprepared field.

Having learned to appreciate the value and virtues of pasteurized butter Extremely delicate flavors and high it is no mystery to me that the English people will buy a clean article, when they can get it, in preference to the an open eye on the butter business. Canada is alive, and from the dozens of enquiries which I have received from there regarding pasteurization during the past four months, it is plain to me that our northern cousins are making a commendable effort to shut us out of the English butter market as they already have shut us out of the cheese market.

Pasteurize and use a pure culture starter, and you effectually do away with any chances in buttermaking taining less water, and a more uniform and place every condition under your cortent of water from day to day, all immediate control. No worrying row, for we will get just what we want Our results are exactly in accordance with our efforts. "What we sow that shall we also reap," which is one way of telling you that the starter is about 75 per cent. of making pasteurized butter.

It's easy, yes, it's easy—it's a most delightful satisfaction to make butter when you know you have everything under control, but the making of pasteurized butter demands so much attention to small details, and scruputrol it. We can cool the cream at lous care that the average buttermaker will. We can churn properly if we of to-day will find it hard to bring himchoose, and we can work the butter self to appreciate the minuteness of as we please. All these things are detail, and, though you may show him under control. Not so in ripening raw all about it, he will soon lose sight of and forget the little things, one by one, That raw cream may contain any until, before he is aware of it, he has number of species of bacteria, and that lost his grip, and down the plank of

A word as to our method of pasteurizing and I am done. As most of you ing what species it does contain, and know, we pasteurize the whole milk, it is only when he has his butter made and skim it at the pasteurizing temthat he finds out whether the cream perature, this temperature being from did contain a good or had species, if 154 to 157 degrees F. As before he is a good judge—and most men stated we began under very unfavorare not-in which case he finds it out able circumstances, the most unfavorfrom his commission house, and you able being that we could not at that will admit that the amount of satisfac- time purchase a pasteurizing machine tion in that way of doing is precious of sufficient capacity to handle our little. Many will at once say that they milk. We have no live steam connec-

Some few have said that this was all not, and yet these are the very condi- a mistake, that we could not skim tions confronting every maker of raw clean this way, that it took too much cream butter, and there exists no argu-steam and too much ice, that there ment in favor of this being so. You was a loss all along, etc., but to such may use a pure starter in the raw men I wish to say, that every time cream like you may sow selected wheat they have made such assertions they in the unprepared field, but in each have only exposed their ignorance on instance you have no reason to expect the subject, and have given an intellito, and you never will, reap a harvest gent public an opportunity of learning of pure clean butter flavor from the how little they really knew about the

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Packet	Bect	1 Packet	Parsnip
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	Cucumber	1 ."	Radish
44	Lettuce	î "	Squash
**	Onion	i "	Tomato

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	Stocks 1	**	Nasturtium
**	Petunia 1	44	Dianthus
11	Portula∝a 1	**	Bakam
**	Mignonette 1	46	Aster

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**	Pansy	1	41	Watermelon
14	Stocks	1	**	Musk Melon
**	Balsam	1	**	Lettuce
**	Phlox	1	44	Celery
**	Sweet Peas	1	**	Carrot
**	Cauliflower	1	••	Beet
41	Cucumber	1	**	Radish
**	Onion	î	**	Tomato
**	Cabbage	ī	41	Vine Peach

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COLLECTION D.

20 Packets Vegetables. Price, \$1.

	2010	CEOM LOS	Juu	0103.	1 1 1 0 0 , W
1	Packet	Beet	1	Packet	Carrot
ī		Parsnip	2	44	Cabbage
2	lb. "	Cucumber	ī	44	Lettuce
ī		Musk Melon	ī	41	Watermelon
ī	44	Citron	1	14	Onion
ī	**	Radish	1	**	Squash
ī	44	Tomato	ī	**	Vine Peach
ī	**	Parsley	ĩ	**	S. Savory
ī	41	Sage	ī	**	Thyme

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