

Minnesota

Dairy Products Processor



AGRICULTURAL EXTENSION SERVICE • INSTITUTE OF AGRICULTURE
UNIVERSITY OF MINNESOTA • ST. PAUL 1, MINNESOTA

Editor - V. S. Packard

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Since the last "Processor" was issued, the editor has surveyed 27 major manufactured-dairy-product states. Information requested concerned status of milkhouse or milk room requirements for manufacturing-grade milk handled in can or bulk.

Viewed in the light of current trends in butter, non-fat dry milk (NFDM) and cheese production in various regions of the country, a concept of our present and future competition becomes ominously apparent.

REGIONAL INCREASES IN DAIRY PRODUCT OUTPUT

During 1960 New England production of cheese, butter and NFDM was up 10, 91 and 35 percent respectively; Middle Atlantic States increased output 10, 40 and 16 percent; South Atlantic 52, 25 and 31 percent. Butter and NFDM manufacture increased 18 to 36 percent respectively in the South-Central region.

While the base level may have been low, these increases reflect a significant change in emphasis to products usually considered a Midwest franchise. These trends have continued throughout the first six months of 1962. In many cases grade A milk was used.

MILKHOUSE REQUIREMENTS IN STATES OF HIGHEST MILK PRODUCTION

Six of the eight top-ranking states in milk production have milkhouse requirements for manufacturing-grade milk. Iowa, also in this group, has legislation pending. These states account for over 50 percent of the total U. S. milk production.

MILKHOUSE REQUIREMENTS IN MAJOR MANUFACTURED PRODUCTS STATES

Nonfat Dry Milk: Approximately 70 percent of the Nation's total output of NFDM comes from the five top-ranking states. Minnesota is first, manufacturing 27 percent of this total. Three of these five states have milkhouse requirements for manufacturing-grade milk; one (Iowa) has legislation pending.

Butter: Minnesota leads in butter manufacture, producing about one-fourth of the Nation's total. Of the first 10 states in butter manufacture 6 have milkhouse requirements for manufacturing grade milk and 2 have legislation pending.

Total Cheese: Wisconsin and New York, the two leading states in cheese manufacture, produce about 50 percent of the Nation's total. Both have milkhouse requirements for production of milk for cheese making. In 1961 Minnesota ranked fourth in cheese output.

Ice Cream: As might be expected, many of the leading states in ice cream manufacture have milkhouse requirements for handling milk on farms. Six of the seven top states are in this category. In 1961 these seven states accounted for approximately 50 percent of the Nation's ice cream production.

SUMMARY OF INFORMATION OBTAINED IN SURVEY

State	Department having jurisdiction	Milkhouse and/or milk room law for manufacturing grade milk	Remarks
Vermont	Agriculture	Yes	Same as grade A
Massachusetts	Agriculture	Yes	Same as grade A
Connecticut	Agriculture	Yes	Bulk law essentially same as grade A
New York	Health	Yes	Same as grade A
Pennsylvania	Agriculture	Yes	Same as grade A
Ohio	Health	Yes	-----
Indiana	Health	No	Recommends USPHS code
Illinois	Health	No	-----
Michigan	Agriculture	Yes	Same as grade A
Wisconsin	Agriculture	Yes	-----
Iowa	Agriculture	Pending	Legislative study committee hopes to have proposals for January 1963 legislature
Missouri	Agriculture	No	-----

State	Department having jurisdiction	Milkhouse and/or milk room law for manufacturing grade milk	Remarks
North Dakota	Agriculture	Yes	-----
South Dakota	Agriculture	No	-----
Nebraska	Agriculture	Pending	A committee will propose bulk tank legislature in 1963. It will be same as grade A.
Kansas	Agriculture	Yes	For bulk only, not cans
Georgia	Agriculture	No	Will likely adopt new USDA standards
Kentucky	Health	No	-----
Tennessee	Agriculture	Yes	State law for bulk and USPHS code for all other installations
Oklahoma	Health	No	-----
Texas	Health	Yes	-----
Montana	Agriculture	Yes	Essentially grade A
Idaho	Agriculture	Yes	For bulk at least
Colorado	Divided	No	-----
Washington	Agriculture	Yes	Bulk is same as grade A
Oregon	Agriculture	Pending	For bulk handling
California	Agriculture	Yes	Exempt producers with six cows or less

Sixteen of the 27 states replying have manufacturing-grade milkhouse or milk room requirements, three have proposals to go before the legislature in 1963. In eight states, the regulations are identical to grade A.

FDA ACTIVITIES?

From all indications, Federal Food and Drug Administration will be intensifying efforts in the field of raw milk sanitary quality. Certainly in Minnesota, without milkhouse regulations, we are inviting active inspection. Fines are stiff and censure common. The number of violations discovered likely will follow closely with effort extended. We're vulnerable.

SHORT COURSES, EXTENSION MATERIALS?

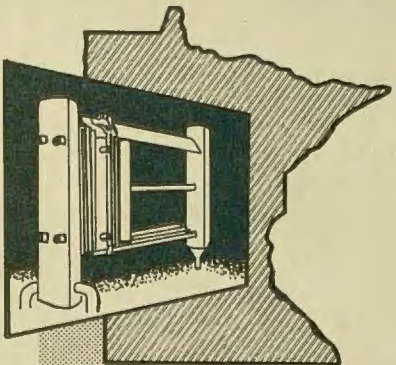
I will be happy to present short courses on dairy subjects to any phase of the industry desiring information. Materials on laboratory techniques have been prepared; however, I prefer to have you decide what topics might be of greatest value. Discussions will be presented at your request.

Last year the Department of Dairy Industries conducted short courses on 1) Cleaning and Sanitizing Dairy Equipment, 2) Milk Judging, 3) Bacteriological Examination of Dairy Products, and 4) Practices for Babcock Testing. Dr. S. T. Coulter is willing to repeat courses or provide new material this year if there is sufficient interest. Please fill out the following and return to S. T. Coulter, head, Department of Dairy Industries, University of Minnesota, St. Paul 1, Minnesota.

I would like to have the following short courses presented this year:

	<u>Number of Participants</u>
1. Repeat number(s) _____ above	_____
2. Other _____	_____
_____	_____
_____	_____

Name and Address _____



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