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February 5, 2001

Office of the Hearing Clerk USDA, Room 1081, South Building 1400 Independence Ave., S. W. Washington, D.C., 20250

FAX: 202-720-9776

RE: Milk in the Northeast and Other Marketing Areas

**Industry Comments on Tentative Decision** 

Please find attached the following document:

Industry Comments on Class III Butterfat and Protein Pricing Formulas Docket Number (AO-14-A69, et. al.: DA-00-03)

The Original Copy of this document will be following by overnight carrier. Please let me know if you have any questions regarding this document.

Sincerely,

Michael Brown General Manager

National All-Jersey Inc.

CC: Connie Brenner, Order Formulation Branch, Dairy Division, AMS, USDA

(FAX: 202-690-0552)

Richard McKee, Director, Dairy Division, AMS, USDA

(FAX: 202-690-3410)

Attachment (21 Pages)

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## Milk in the Northeast and Other Marketing Areas; Tentative Decision Docket Number (AO-14-A69, et. al.: DA-00-03) Industry Comments on Class III Butterfat and Protein Pricing Formulas

The following unified comments on Class III Butterfat and Protein pricing formulas are submitted on behalf of the following dairy organizations, representing a significant portion of US milk production.

Agri-Mark Inc.

Alto Dairy Cooperative

Associated Milk Producers, Inc.

Beatrice Group

Brookshire Grocery Company Chicago Mercantile Exchange Cloverland/Green Spring Dairy Continental Milk Producers, Inc.

Dairy Farmers of America

Dairy Producers of New Mexico

Dairylea Cooperative Inc.
Dannon Company, Inc. (The)
Davis & Sons Dairy Company
Davisco Foods International, Inc.

Dean Foods

Eberhard's Dairy Products Elite Milk Producers Inc. F&A Dairy Products, Inc. Family Dairies USA Farr, Assel & Sons, Co.

First District Association

Friendly Ice Cream Corporation

Galliker Dairy Company
Galloway Company
Glanbia Foods Inc.
Goshen Dairy Company
Grande Cheese Company
Great Lakes Cheese Co.
Hershey Creamery Company

Hilmar Cheese Company, Inc. Holmes Cheese Co., Alpine Cheese Co.

Ice Cream Partners USA
Idaho Dairymen's Association

Jack & Jill Ice Cream

Kraft Foods
The Kroger Co.
Kwik Trip, Inc.
Land O' Lakes Inc.

Level Valley Creamery, Inc. Magic Valley Milk Producers

Manitowoc Milk Producers Cooperative

Marathon Cheese Corporation

Marigold Foods, Inc. MCT Dairies, Inc.

MD & VA Milk Producers Assn.

Midwest Dairy Coalition

Mid-West Dairymen's Company Milk Producers Council of CA

Milkco, Inc.

Milwaukee Co-op Milk Producers

Mother's Kitchen, Inc. National All-Jersey Inc.

Northwest Dairy Association (West Farm Foods)

Prairie Farms Dairy, Inc.
Publix Super Markets, Inc.

Raskas Foods, Inc. Reed's Dairy Inc. Roberts Dairy Co.

Rondele Specialty Foods Rosenburger's Dairies, Inc.

Royal Crest Dairy Safeway, Inc.

Sargento Foods, Inc.
Schneiders Dairy, Inc.
Schreiber Foods Inc.
Select Milk Producers Inc.

Southeast Milk, Inc.

St. Albans Cooperative Creamery, Inc.

Suiza Foods Corp

Sunshine Dairy Foods, Inc.
Umpqua Dairy Products Co.
Upstate Farms Cooperative, Inc.
Valley Queen Cheese Factory, Inc.

Western States Dairy Producers Trade Assn.

Weyauwega Milk Products, Inc.

Wilcox Farms Inc.

Wisconsin Cheese Makers Association Wisconsin Farm Bureau Federation

Wohlt Cheese Corporation

The above organizations do not support USDA's Tentative Final Rule for Class III butterfat and protein pricing, and believe that USDA must return to the general format of the Class III butterfat and protein formulas originally implemented with Federal Milk Marketing Order Reform. This group of organizations represents a wide range of producer and processor groups. We do not support USDA's changes because they will result in disorderly marketing of milk, provide significant incentives for processors to find alternate ingredient sources for Class III products, and could cause significant reductions in producer revenue.

We appreciate USDA's efforts to develop the best milk pricing system possible. We understand that USDA faced significant challenges when developing Class III component prices that relate both to the value of milk components in cheese as well as other products. We know that USDA wanted to address the occasional problems of relatively high butter and low protein prices and shifts in the 3.5% reference price due to butterfat price jumps. We understand the time constraints that USDA faced in developing their tentative decision. However, we believe that USDA's Tentative Decision creates larger every-day problems for milk procurement and movement that create significant problems for milk producers and processors alike.

As individual organizations, many of us intend to submit separate comments with respect to make allowances, yield factors and other small changes to the following formulas. However, we are unified in our support for returning to one butterfat price for Class III and IV as determined by the following general formula implemented with Federal Milk Marketing Order Reform:

Class III / IV Butterfat:

(Butter Price – USDA Make Allowance) / 0.82

In addition, we support returning to the following general protein price formula implemented with Federal Milk Marketing Order Reform:

Class III Protein:

(Cheese Price – USDA Make Allowance) x 1.405 +

[(Cheese Price – USDA Make Allowance) x 1.582 – Class III Butterfat Price] x 1.28

In addition to changing the Class III butterfat and protein formulas to their previous general format, we believe USDA should re-adopt the Class III component values as the producer component values in markets with multiple component pricing. That method has worked well and makes forward contracting more accurate and easier to understand by producers. This occurs because the Class III component prices equal producer component prices at any given test level.

We believe USDA must return the Class III butterfat and protein formulas to the general format originally implemented with Federal Milk Marketing Order Reform for the following reasons.

- 1. While no testimony supported the changes made by USDA, ample testimony presented at the hearing supported retaining of the Class III butterfat and protein formulas in the general form included in the original reforms and in effect at the time of the hearing.
- 2. The new formulas overvalue fat and undervalue protein in most types of cheese most of the time, especially in relation to sources of dairy ingredients for cheese. It sends a distorted signal to producers on the relative value of fat and protein in most dairy products, and the cost alternative sources of fat and protein, such as unsalted butter or nonfat dry milk. The Van Slyke cheese yield formula only provides a fat component value related to full-fat cheddar yield, not all cheese yields.
- 3. The new formulas provide significant incentive for cheese processors (especially process or non-standard cheese) to turn away from FMMO Class III fat and towards alternative dairy or non-dairy fat sources (imported or domestic) in cheese. Furthermore, the cost advantage of using alternatives to Class III butterfat sources provides a significant incentive to cheese manufacturers to move away from manufacturing standardized products towards non-standard cheeses. Table Two provides an example of

this phenomenon. Under the tentative final rule, butterfat priced at the "AA" butter price would have been lower cost than fresh Class III cream for 21 months during 1999 and 2000, providing significant incentives to use alternative sources to fresh cream in cheese, when possible. The difference was as wide as 85 cents. Table 2 shows the price relationship between Class III butterfat and NASS "AA" butter prices, under both the tentative final rule and original reform pricing.

- 4. The new formulas create significant bookkeeping challenges for FMMO-regulated plants that sell cream, because the value of that cream varies significantly from one use (Class IV) to another (Class III). The potential liabilities to cream sellers resulting from these changes are very significant. Class I handlers account to the pool for the excess butterfat that they sell at the class price of the handler to whom they sell it. With separate butterfat prices for Class III and Class IV, before cream sellers can price cream to potential buyers they must be positive whether the cream will be used in Class III or Class IV. This is particularly problematic in the situation where the cream buyer manufactures both Class III and Class IV or Class II products. It may be impossible to guarantee that the butterfat will be used in one class and not the other. This clearly will result in disorderly marketing of excess cream. Table 3A shows that the average difference in Class III and Class IV butterfat under the new formulas would have averaged \$0.4192 per pound for the 1999-2000 period a 32.1% difference. The cream value per cwt. for the two year period would have differed by \$16.77 per cwt, 29.5% higher for Class III than Class IV.
- 5. The price of Class I fat and skim components can fluctuate wildly, depending on the whether the Class I component mover is Class III or Class IV milk. This greatly complicates pricing of fluid milk products. Because fluid products vary in fat content, pricing of these products (3.25%, 2%, 1% and fat free) is based on the relative values of butterfat and skim contained in the fluid product. The increased volatility of Class I butterfat and skim prices resulting from the tentative rule will be very disruptive to the wholesale and retail fluid milk markets, and send inconsistent signals to buyers, based on regulation.
- 6. The impacts on Class I skim and butterfat prices are particularly troublesome for dairy producers. When the advance Class III price moves above the advance Class IV price, the Class I fat price will increase significantly, while the Class I skim price will drop accordingly. Because Class I milk in Federal Orders averages about 2% butterfat and 98% skim milk, the total value of Class I milk will decrease, often dramatically. This creates a situation when the value of cheese milk rises above the Class IV milk price, and the Class I mover increases, Class I revenues to producers actually decrease.

Table 4A, 4B, and 4C and Tables 5A and 5B evaluate the impact of the new mover formulas on Class I, Class III and their impacts on the producer pool. For these tables, the new tentative rule component prices are compared with the new rule manufacturing allowances and yield factors, but with the original reform butterfat and protein price formulas.

Tables 5A shows the milk and milk component use for Class I and III, by month. For comparative purposes, 2000 Class I and III milk and component utilizations are used for both years. Table 5B calculates the producer impacts of the new rule, based on 1999 and 2000 federal order prices. Table 5b shows a gross producer loss of \$480 million for the two year period.

Tables 4A, 4B, and 4C show the impacts on the change in mover may have had in the past for the three Southeastern orders: Florida, Southeast, and Appalachian. The tables show average losses for the two years ranging from 25 cents to 33 cents per cwt. in the three Southeastern orders.

7. The new Federal Order Formulas set a precedent where the sum value of Class III components is significantly greater than the component values paid to producers for the first time ever. This will make it harder than ever to move high solids milk into cheese plants, and diffuses the signal to producers to produce the milk components highest in demand by cheese makers. It is no secret that cheese is far and away the fastest growing product category in the US dairy industry, and cheese with higher protein:fat ratios, such as Italian cheeses, lead all growth.

8. Risk management efforts by producers, including hedging risks with dairy product futures and options, will be made more difficult because of the interim rule. For producers and cooperatives who have sought to manage risks with existing commodity options or futures and cash forward contracts, the interim rule throws into disarray many of the financial planning expectations of the relationship between fat revenue of farmers and the butter price, and between nonfat or protein revenue and the NFDM or cheese price, upon which existing contracts are predicated. The rule creates, among other things, much wider fluctuations in Class I and producer fat, skim and component values. These fluctuations are due to the decoupling of Class III fat prices from Class IV fat and the resulting fluctuations in Class I and producer butterfat, skim and producer price differentials. The changes make basis more difficult to determine, and result in a reduced ability for producers to accurately use forward contracting, futures, options, and other risk management tools.

For these reasons, the aforementioned companies request that USDA return to the general format for the Class III butterfat and protein component prices previously-adopted as part of Federal Order Reform, and that the Class III component prices be used as the producer component prices.

These comments are respectfully submitted on behalf of the 79 organizations listed above. Signatures of representatives from these companies are included on the following pages.

Larry Lemmenes

President & General Manager Alto Dairy Cooperative Richard W. Stammer

Executive Vice-President & COO

Agri-Mark Inc.

Reil S. Hulden Neil S. Gulden

Director, Fluid Marketing Associated Milk Producers, Inc. President and CEO

Beatrice Group

Fred Calvert

Sr. VP - Manufacturing

Brookshire Grocery Company

James J. McNulty

President & CEO

Chicago Mercantile Exchange

Lawrence C. Webster

General Manager

Cloverland/Green Spring Dairy

Michael J. McCloskey

**CEO** 

Continental Milk Producers, Inc.

John I Wilson

Corporate Vice President, Marketing, Economic Analysis

Dairy Farmers of America

Ken Miller

President

Dairy Producers of New Mexico

n/Killer

Edward W. Hallyher

Edward W. Gallagher

Vice President, Planning & Regulatory Policy

Dairylea Cooperative Inc.

James R. Box

Manager, Dairy Procurement

Dannon Company, Inc. (The)

Tom Davis

**CEO** 

Davis & Sons Dairy Company

Mark Davis

President

Davisco Foods International, Inc.

**Bob Eberhard** 

Owner

Eberhard's Dairy Products

Jeffrey B. Terranova

President

F & A Dairy Products, Inc.

Dexter D. Fars

Dexter D. Farr

**CEO** 

Farr, Assel & Sons, Co.

Gerald E. Sinsigalli

President, Food Service Division

Friendly Ice Cream Corporation

Jon Davis

General Manager - Jerome Cheese Davisco Foods International, Inc.

Gary A. Corbett

VP Governmental and Dairy Industry Relations Dean Foods

Michael J. McCloskey

Elite Milk Producers Inc.

General Manager

Family Dairies USA

Clint Fall

President/CEO

First District Association

G. Leen) Louis G. Galliker

President

Galliker Dairy Company

Timothy E. Galloway

**CEO** 

Galloway Company

Jerry N. Bichsel President

Goshen Dairy Company

Gary Vanic President

Great Lakes Cheese Co.

CEO & President

Hilmar Cheese Company, Inc.

James L. Dintaman

CEO

Ice Cream Partners USA

Mary Kay Haben
Group VP

Group VP Kraft Foods LISAUL Inam

David L. Thomas President

Glanbia Foods Inc.

John Fridirici

VP, Milk Marketing & Procurement

Grande Cheese Company

George Hugh Holder

President

Hershey Creamery Company

---- R. J. Ramseyer

President

Holmes Cheese Co., Alpine Cheese Co.

Kenneth A. Schwart

VP

Jack & Jill Ice Cream

Michael F. Nosewicz

Vice President - Dairy East Group

Kroger Co. (The)

Theodore G. Redmond

Vice President - Dairy West Group

Kroger Co. (The)

Rich A Can S.

Richard A. Carr Sr Director of Dairy Operations Kwik Trip, Inc.

Alexander J. Costigan President & CEO

Level Valley Creamery, Inc.

Alan Stutzman

Manger

Magic Valley Quality Milk Producers Inc.

D. F. Menzner Chairman & CEO

Marathon Cheese Corporation

James B. Green

President & CEO
Marigold Foods, Inc.

John Hobbit

John C. Hitchell

General Manager of Milk Procurement & Regulation

Kroger Co. (The)

Jamus E. Hahn

yames E. Hahn

Director of Dairy Policy Land O'Lakes, Inc.

Kenneth E. Myers

President

MCT Dairies, Inc.

Dennis J. Donohue

General Manager

Manitowoc Milk Producers Cooperative

Robert Shore

General Manager

MD & VA Milk Producers Coop Assn Inc.

Ulmit Show

Dennis Tonak

Manager

Mid-West Dairymen's Company

Steven D. Etka Legislative Coordinator Midwest Dairy Coalition

Charles I Buther

Charles L. Guthier President Milkco, Inc.

Donald A. Butte President

Mother's Kitchen, Inc.

Roger Copps

Roger D. Capps Executive Vice President/CEO Prairie Farms Dairy, Inc.

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Heschel J. Raskas President Raskas Foods, Inc.

Jeffrey M. Powell President & General Manager Roberts Dairy Co.

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Let Wander bel
Pete Vander Poel

Chairman
Milk Producers Council of CA

guardind

James Bird General Manager Milwaukee Co-op Milk Producers

Dougus C. Marshall Sr. Vice President

Northwest Dairy Association (West Farm Foods)

Scott Charton

Vice President, Manufacturing Publix Super Markets, Inc.

Alan L. Reed President

Reed's Dairy Inc.

Allean O. Javs'

Owner

Rondele Specialty Foods

Bill Peifer

President & CEO

Rosenburger's Dairies, Inc.

Michael H. Leb

Vice President, Manufacturing

Safeway, Inc.

Louis P. Gentine Chairman & CEO Sargento Foods, Inc.

Deborah Van Dyk

Vice President, Industry & Regulatory Affairs

Schreiber Foods Inc.

Calm Cont Calvin Covington

**CEO** 

Southeast Milk, Inc.

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Paul Arbuthnot President

Sunshine Dairy Foods, Inc.

Type P. Mills

President

Royal Crest Dairy

General Manager

St. Albans Cooperative Creamery, Inc.

tillian Schreden

William J. Schneider

President

Schneiders Dairy, Inc.

Michael J. McCloskey

Select Milk Producers Inc.

William C. Turkleparps

William C. Tinklepaugh Senior VP, Government Relations

Suiza Foods Corp

Douglas B. Feldkamp

President & CEO

Umpqua Dairy Products Co.

Kim Pickard-Dudley Market Analyst

Upstate Farms Cooperative, Inc.

Mark Leddy

CEO

Valley Queen Cheese Factory, Inc.

Dennis Vander Stelt

President

Western States Dairy Producers Trade Association

Bob Wagner

President

Weyauwega Milk Products, Inc.

I. T Wilcox

Director of Operations Wilcox Farms Inc. John T. Umhoefer

**Executive Director** 

Wisconsin Cheese Makers Association

Howard D. Poulson

President

Wisconsin Farm Bureau Federation

Marilyn W. Taylor

President

Wohlt Cheese Corporation

Lewis Eilers

**Executive Director** 

Idaho Dairymen's Association

Michael L. Brown

General Manager

National All-Jersey Inc.

**Table One. Federal Order Component Price Comparisons** 

		<u>Federal</u>	Order Butte	rfat Prices		Fe	ederal Order C <u>&amp; Other So</u>	ein	Federal Order Class III 3.5%F, 2.99P, 5.79%OS			
	<u>Ten</u>	tative Deci	<u>sion</u>	<u>Final</u>	<u>Reform</u>	Class I	II Protein	Class III C	ther Solids	Tentative	Final	
Mo/Year	Class II	Class III	Class IV	Class II	Class III / IV	Tent Dec.	Final Reform	Tent Dec.	Final Reform	Decision	Reform	
Jan-99	\$1.5929	\$2.4909	\$1.5859	\$1.5941	\$1.5871	\$2.2122	\$3.2928	\$0.0761	\$0.0792	\$15.77	\$15.86	
Feb-99	\$1.4502	\$1.8043	\$1.4432	\$1.4514	\$1.4444	\$1.6024	\$2.0006	\$0.0513	\$0.0544	\$11.40	\$11.35	
Mar-99	\$1.4544	\$1.8272	\$1.4474	\$1.4557	\$1.4487	\$1.6228	\$2.0428	\$0.0534	\$0.0565	\$11.55	\$11.50	
Арг-99	\$1.1058	\$1.8377	\$1.0988	\$1.1070	\$1.1000	\$1.6320	\$2.5104	\$0.0460	\$0.0491	\$11.58	\$11.64	
May-99	\$1.1815	\$1.7377	\$1.1745	\$1.1827	\$1.1757	\$1.5433	\$2.1984	\$0.0350	\$0.0381	\$10.90	\$10.91	
Jun-99	\$1.6483	\$1.7847	\$1.6413	\$1.6496	\$1.6426	\$1.5850	\$1.6992	\$0.0321	\$0.0352	\$11.17	\$11.03	
Jul-99	\$1.5488	\$2.0719	\$1.5418	\$1.5500	\$1.5430	\$1.8401	\$2.4431	\$0.0335	\$0.0366	\$12.95	\$12.92	
Aug-99	\$1.5354	\$2.4812	\$1.5284	\$1.5366	\$1.5296	\$2.2036	\$3.3421	\$0.0424	\$0.0455	\$15.52	\$15.61	
Sep-99	\$1.4829	\$2.4693	\$1.4759	\$1.4841	\$1.4771	\$2.1931	\$3.3853	\$0.0508	\$0.0539	\$15.49	\$15.60	
Oct-99	\$1.2415	\$1.9667	\$1.2345	\$1.2427	\$1.2357	\$1.7467	\$2.6138	\$0.0562	\$0.0593	\$12.43	\$12.48	
Nov-99	\$1.1640	\$1.6663	\$1.1570	\$1.1652	\$1.1582	\$1.4799	\$2.0696	\$0.0534	\$0.0565	\$10.56	\$10.57	
Dec-99	\$0.9868	\$1.5565	\$0.9798	\$0.9880	\$0.9810	\$1.3824	\$2.0597	\$0.0508	\$0.0539	\$9.87	\$9.90	
Jan-00	\$0.9424	\$1.5793	\$0.9354	\$0.9436	\$0.9366	\$1.4026	\$2.1677	\$0.0472	\$0.0503	\$9.99	\$10.05	
Feb-00	\$0.9646	\$1.5065	\$0.9576	\$0.9658	\$0.9588	\$1.3380	\$1.9849	\$0.0401	\$0.0432	\$9.50	\$9.54	
Mar-00	\$1.0249	\$1.5114	\$1.0179	\$1.0261	\$1.0191	\$1.3423	\$1.9166	\$0.0393	\$0.0424	\$9.53	\$9.54	
Apr-00	\$1.1410	\$1.4977	\$1.1340	\$1.1422.	\$1.1352	\$1.3301	\$1.7399	\$0.0377	\$0.0408	\$9.44	\$9.41	
May-00	\$1.2911	\$1.5007	\$1.2841	\$1.2924	\$1.2854	\$1.3328	\$1.5514	\$0.0372	\$0.0403	\$9.45	\$9.37	
Jun-00	\$1.4186	\$1.5195	\$1.4116	\$1.4198	\$1.4128	\$1.3495	\$1.4278	\$0.0407	\$0.0438	\$9.59	\$9.47	
Jul-00	\$1.2749	\$1.6851	\$1.2679	\$1.2761	\$1.2691	\$1.4966	\$1.9726	\$0.0526	\$0.0557	\$10.67	\$10.66	
Aug-00	\$1.2716	\$1.5996	\$1.2646	\$1.2729	\$1.2659	\$1.4206	\$1.7952	\$0.0546	\$0.0577	\$10.16	\$10.13	
Sep-00	\$1.2765	\$1.7041	\$1.2695	\$1.2777°	\$1.2707	\$1.5135	\$2.0137	\$0.0471	\$0.0502	\$10.76	\$10.76	
Oct-00	\$1.2502	\$1.5909	\$1.2432	\$1.2514	\$1.2444	\$1.4129	\$1.8028	\$0.0440	\$0.0471	\$10.05	\$10.02	
Nov-00	\$1.5803	\$1.3741	\$1.5733	\$1.5815	\$1.5745	\$1.2204	\$0.9149	\$0.0534	\$0.0565	\$8.76	\$8.57	
Dec-00	\$1.6592	\$1.4789	\$1.6522	\$1.6604	\$1.6534	\$1.3134	\$1.0378	\$0.0798	\$0.0829	\$9.56	\$9.36	
1999 Average	\$1.3660	\$1.9745	\$1.3590	\$1.3673	\$1.3603	\$1.7536	\$2.4715	\$0.0484	\$0.0515	\$12.43	\$12.45	
2000 Average	\$1.2579	\$1.5457	\$1.2509	\$1.2592	\$1.2522	\$1.3727	\$1.6938	\$0.0478	\$0.0509	\$9.79	\$9.74	
1999-2000 Averag	\$1.3120	\$1.7601	\$1.3050	\$1.3132	\$1.3062	\$1.5632	\$2.0826	\$0.0481	\$0.0512	\$11.11	\$11.09	

Table Two.

Comparison of Fat Costs from Class III Fat and Grade "AA" Butter Under

The Tentative Final Rule and the Reform Class III Fat Calculations

	Tenta	tive Fina	al Rule F	ormula	FMMO Final Reform Formula						
	Class III	NASS A	A Butter	Comparison:	Class III	NASS A	A Butter	Comparison:			
	Fat	Butter	Butterfat	Class III vs.	Fat	Butter	Butterfat	Class III vs.			
		Per Lb.	Per Lb.1/	NASS Butter		Per Lb.	Per Lb.1/	NASS Butter			
		(\$\$ pe	r Pound)			(\$\$ pe	r Pound)				
Jan-99	\$2.4909	\$1.4154	\$1.7261	-\$0.7648	\$1.5871	1.4154	\$1.7261	-\$0.1390			
Feb-99	\$1.8043	\$1.2984	\$1.5834	-\$0.2209	\$1.4444	1.2984	\$1.5834	-\$0.1390			
Mar-99	\$1.8272	\$1.3019	\$1.5877	-\$0.2395	\$1.4487	1.3019	\$1.5877	-\$0.1390			
Apr-99	\$1.8377	\$1.0160	\$1.2390	-\$0.5987	\$1.1000	1.0160	\$1.2390	-\$0.1390			
May-99	\$1.7377	\$1.0781	\$1.3148	-\$0.4229	\$1.1757	1.0781	\$1.3148	-\$0.1391			
Jun-99	\$1.7847	\$1.4609	\$1.7816	-\$0.0031	\$1.6426	1.4609	\$1.7816	-\$0.1390			
Jul-99	\$2.0719	\$1.3793	\$1.6821	-\$0.3898	\$1.5430	1.3793	\$1.6821	-\$0.1391			
Aug-99	\$2.4812	\$1.3683	\$1.6687	-\$0.8125	\$1.5296	1.3683	\$1.6687	-\$0.1391			
Sep-99	\$2.4693	\$1.3252	\$1.6161	-\$0.8532	\$1.4771	1.3252	\$1.6161	-\$0.1390			
Oct-99	\$1.9667	\$1.1273	\$1.3748	-\$0.5919	\$1.2357	1.1273	\$1.3748	-\$0.1391			
Nov-99	\$1.6663	\$1.0637	\$1.2972	-\$0.3691	\$1.1582	1.0637	\$1.2972	-\$0.1390			
Dec-99	\$1.5565	\$0.9184	\$1.1200	-\$0.4365	\$0.9810	0.9184	\$1.1200	-\$0.1390			
Jan-00	\$1.5793	\$0.8820	\$1.0756	-\$0.5037	\$0.9366	0.8820	\$1.0756	-\$0.1390			
Feb-00	\$1.5065	\$0.9002	\$1.0978	-\$0.4087	\$0.9588	0.9002	\$1.0978	-\$0:1390			
Mar-00	\$1.5114	\$0.9497	\$1.1582	-\$0.3532	\$1.0191	0.9497	\$1.1582	-\$0.1391			
Apr-00	\$1.4977	\$1.0449	\$1.2743	-\$0.2234	\$1.1352	1.0449	\$1.2743	-\$0.1391			
May-00	\$1.5007	\$1.1680	\$1.4244	-\$0.0763	\$1.2854	1.1680	\$1.4244	-\$0.1390			
Jun-00	\$1.5195	\$1.2725	\$1.5518	\$0.0323	\$1.4128	1.2725	\$1.5518	-\$0.1390			
Jul-00	\$1.6851	\$1.1547	\$1.4082	-\$0.2769	\$1.2691	1.1547	\$1.4082	-\$0.1391			
Aug-00	\$1.5996	\$1.1520	\$1.4049	-\$0.1947	\$1.2659	1.1520	\$1.4049	-\$0.1390			
Sep-00	\$1.7041	\$1.1560	\$1.4098	-\$0.2943	\$1.2707	1.1560	\$1.4098	-\$0.1391			
Oct-00	\$1.5909	\$1.1344	\$1.3834	-\$0.2075	\$1.2444	1.1344	\$1.3834	-\$0.1390			
Nov-00	\$1.3741	\$1.4051	\$1.7135	\$0.3394	\$1.5745	1.4051	\$1.7135	-\$0.1390			
Dec-00	\$1.4789	\$1.4698	\$1.7924	\$0.3135	\$1.6534	1.4698	\$1.7924	-\$0.1390			
1999 Average	\$1.9745	\$1.2294	\$1.4993	-\$0.4753	\$1.3603	\$1.2294	\$1.4993	-\$0.1390			
2000 Average	\$1.5457	\$1.1408	\$1.3912	-\$0.1545	\$1.2522	\$1.1408	\$1.3912	-\$0.1390			
1999-2000 Average	\$1.7601	\$1.1851	\$1.4452	-\$0.3149	\$1.3062	\$1.1851	\$1.4452	-\$0.1390			

Table 3-A
Estimated 1999-2000 Class III and IV Cream & Butterfat
Costs Under The Tentative Final Rule

, ,	40% BF C	ream / 48,00	00 lb. Tanker	40%	BF Cream	/ cwt	Class III & IV Butterfat per Lb.				
	Class III	Class IV	<u>Difference</u>	Class III	Class IV	<u>Difference</u>	Class III	Class IV	<u>Difference</u>		
	(\$\$ /	48,000 Lb.1	fanker)	(	(\$\$ per Cwt	i.)	(	\$\$ per Pour	nd)		
Jan-99	\$50,141	\$32,846	\$17,294	\$104.46	\$68.43	\$36.03	\$2.4909	1.5859	\$0.9008		
Feb-99	\$36,154	\$30,096	\$6,058	\$75.32	\$62.70	\$12.62	\$1.8043	1.4432	\$0.3155		
Mar-99	\$36,629	\$30,024	\$6,605	\$76.31	\$62.55	\$13.76	\$1.8272	1.4474	\$0.3440		
Apr-99	\$36,821	\$23,390	\$13,430	\$76.71	\$48.73	\$27.98	\$1.8377	1.0988	\$0.6995		
May-99	\$34,877	\$24,802	\$10,075	\$72.66	\$51.67	\$20.99	\$1.7377	1.1745	\$0.5248		
Jun-99	\$35,798	\$33,763	\$2,035	\$74.58	\$70.34	\$4.24	\$1.7847	1.6413	\$0.1060		
Jul-99	\$41,582	\$31,843	\$9,739	\$86.63	\$66.34	\$20.29	\$2.0719	1.5418	\$0.5073		
Aug-99	\$50,342	\$31,598	\$18,744	\$104.88	\$65.83	\$39.05	\$2.4812	1.5284	\$0.9763		
Sep-99	\$49,776	\$30,619	\$19,157	\$103.70	\$63.79	\$39.91	\$2.4693	1.4759	\$0.9978		
Oct-99	\$39,936	\$26,002	\$13,934	\$83.20	\$54.17	\$29.03	\$1.9667	1.2345	\$0.7258		
Nov-99	\$33,398	\$24,485	\$8,914	\$69.58	\$51.01	\$18.57	\$1.6663	1.1570	\$0.4643		
Dec-99	\$31,258	\$21,082	\$10,176	\$65.12	\$43.92	\$21.20	\$1.5565	0.9798	\$0.5300		
Jan-00	\$31,738	\$20,218	\$11,520	\$66.12	\$42.12	\$24.00	\$1.5793	0.9354	\$0.6000		
Feb-00	\$30,187	\$20,645	\$9,542	\$62.89	\$43.01	\$19.88	\$1.5065	0.9576	\$0.4970		
Mar-00	\$30,288	\$21,797	\$8,491	\$63.10	\$45.41	\$17.69	\$1.5114	1.0179	\$0.4423		
Apr-00	\$30,019	\$24,024	\$5,995	\$62.54	\$50.05	\$12.49	\$1.4977	1.1340	\$0.3123		
May-00	\$30,067	\$26,899	\$3,168	\$62.64	\$56.04	\$6.60	\$1.5007	1.2841	\$0.1650		
Jun-00	\$30,442	\$29,357	\$1,085	\$63.42	\$61.16	\$2.26	\$1.5195	1.4116	\$0.0565		
Jul-00	\$33,773	\$26,597	\$7,176	\$70.36	\$55.41	\$14.95	\$1.6851	1.2679	\$0.3738		
Aug-00	\$32,112	\$26,539	\$5,573	\$66.90	\$55.29	\$11.61	\$1.5996	1.2646	\$0.2903		
Sep-00	\$34,301	\$26,645	\$7,656	\$71.46	\$55.51	\$15.95	\$1.7041	1.2695	\$0.3988		
Oct-00	\$32,189	\$26,131	\$6,058	\$67.06	\$54.44	\$12.62	\$1.5909	1.2432	\$0.3155		
Nov-00	\$27,475	\$32,477	-\$5,002	\$57.24	\$67.66	(\$10.42)	\$1.3741	1.5733	-\$0.2605		
Dec-00	\$29,746	\$33,994	-\$4,248	\$61.97	\$70.82	(\$8.85)	\$1.4789	1.6522	-\$0.2213		
1999 Average	\$39,726	\$28,379	\$11,347	\$82.76	\$59.12	\$23.64	\$1.9745	\$1.3590	\$0.5910		
2000 Average	\$31,028	\$26,277	\$4,751	\$64.64	\$54.74	\$9.90	\$1.5457	\$1.2509	\$0.2475		
1999-2000 Average	\$35,377	\$27,328	\$8,049	\$73.70	\$56.93	\$16.77	\$1.7601	\$1.3050	\$0.4192		

Cream Cost = 0.4 x Class Butterfat Price + 0.6 x Class Skim Price

Cream Cost / # Butterfat not Adjusted for Skim Content

Table 3-B
Estimated 1999-2000 Class III and IV Cream & Butterfat
Costs Under Original Federal Order Reform

	40% BF C	ream / 48,00	0 lb. Tanker	40%	BF Cream	/ cwt	Cream Co	st per Pou	nd Butterfat
	Class III	Class IV	<u>Difference</u>	Class III	Class IV	Difference	Class III	Class IV	Difference
•	(\$\$ /	48,000 Lb.T	anker)		(\$\$ per Cwt	:)		(\$\$ per P	ound)
Jan-99	\$33,542	\$32,827	\$715.20	\$69.88	\$68.39	\$1.49	\$1.5871	\$1.5871	\$0.0000
Feb-99	\$29,669	\$30,082	(\$412.80)	\$61.81	\$62.67	(\$0.86)	\$1.4444	\$1.4444	\$0.0000
Mar-99	\$29,698	\$30,010	(\$312.00)	\$61.87	\$62.52	(\$0.65)	\$1.4487	\$1.4487	\$0.0000
Apr-99	\$23,491	\$23,381	\$110.40	\$48.94	\$48.71	\$0.23	\$1.1000	\$1.1000	\$0.0000
May-99	\$24,605	\$24,792	(\$187.20)	\$51:26	\$51.65	(\$0.39)	\$1.1757	\$1.1757	\$0.0000
Jun-99	\$33,120	\$33,749	(\$628.80)	\$69.00	\$70.31	(\$1.31)	\$1.6426	\$1.6426	\$0.0000
Jul-99	\$31,867	\$31,829	\$38.40	\$66.39	\$66.31	\$0.08	\$1.5430	\$1.5430	\$0.0000
Aug-99	\$32,621	\$31,584	\$1,036.80	\$67.96	\$65.80	\$2.16	\$1.5296	\$1.5296	\$0.0000
Sep-99	\$31,478	\$30,605	\$873.60	\$65.58	\$63.76	\$1.82	\$1.4771	\$1.4771	\$0.0000
Oct-99	\$26,184	\$25,992	\$192.00	\$54.55	\$54.15	\$0.40	\$1.2357	\$1.2357	\$0.0000
Nov-99	\$24,182	\$24,470	(\$288.00)	\$50.38	\$50.98	(\$0.60)	\$1.1582	\$1.1582	\$0.0000
Dec-99	\$20,779	\$21,067	(\$288.00)	\$43.29	\$43.89	(\$0.60)	\$0.9810	\$0.9810	\$0.0000
Jan-00	\$20,006	\$20,208	(\$201.60)	\$41.68	\$42.10	(\$0.42)	\$0.9366	\$0.9366	\$0.0000
Feb-00	\$20,256	\$20,630	(\$374.40)	\$42.20	\$42.98	(\$0.78)	\$0.9588	\$0.9588	\$0.0000
Mar-00	\$21,350	\$21,782	(\$432.00)	\$44.48	\$45.38	(\$0.90)	\$1.0191	\$1.0191	\$0.0000
Apr-00	\$23,419	\$24,010	(\$590.40)	\$48.79	\$50.02	(\$1.23)	\$1.1352	\$1.1352	\$0.0000
May-00	\$26,136	\$26,890	(\$753.60)	\$54.45	\$56.02	(\$1.57)	\$1.2854	\$1.2854	\$0.0000
Jun-00	\$28,474	\$29,342	(\$868.80)	\$59.32	\$61.13	(\$1.81)	\$1.4128	\$1.4128	\$0.0000
Jul-00	\$26,222	\$26,582	(\$360.00)	\$54.63	\$55.38	(\$0.75)	\$1.2691	\$1.2691	\$0.0000
Aug-00	\$26,006	\$26,525	(\$518.40)	\$54.18	\$55.26	(\$1.08)	\$1.2659	\$1.2659	\$0.0000
Sep-00	\$26,280	\$26,630	(\$350.40)	\$54.75	\$55.48	(\$0.73)	\$1.2707	\$1.2707	\$0.0000
Oct-00	\$25,584	\$26,117	(\$532.80)	\$53.30	\$54.41	(\$1.11)	\$1.2444	\$1.2444	\$0.0000
Nov-00	\$31,142	\$32,467	(\$1,324.80)	\$64.88	\$67.64	(\$2.76)	\$1.5745	\$1.5745	\$0.0000
Dec-00	\$32,813	\$33,979	(\$1,166.40)	\$68.36	\$70.79	(\$2.43)	\$1.6534	\$1.6534	\$0.0000
1999 Average	\$28,436	\$28,366	\$70.80	\$59.24	\$59.10	\$0.15	\$1.3603	\$1.3603	\$0.0000
2000 Average	\$25,641	\$26,264	(\$622.80)	\$53.42	\$54.72	(\$1.30)	\$1.2522	\$1.2522	\$0.0000
1999-2000 Average	\$27,039	\$27,315	(\$276.00)	\$56.33	\$56.91	(\$0.58)	\$1.3062	\$1.3062	\$0.0000

Cream Cost = 0.4 x Class Butterfat Price + 0.6 x Class Skim Price

Table 3-C
Difference in Class III and IV Cream & Butterfat Costs
Between The Tentative Decision and Federal Order Reform

	40% BF Cr	ream / 48,00	00 lb. Tanker	40%	BF Cream	/ cwt	Cream Cost per Pound Butterfat				
	Class III	Class IV	<u>Difference</u>	Class III	Class IV	<u>Difference</u>	Class III	Class IV	<u>Difference</u>		
	(\$\$ /	48,000 Lb.1	fanker)	1	(\$\$ per Cwt	.)		(\$\$ per P	ound)		
Jan-99	\$16,598	\$19	\$16,579	\$34.58	\$0.04	\$34.54	\$0.9038	-\$0.0012	\$0.9050		
Feb-99	\$6,485	\$14	\$6,470	\$13.51	\$0.03	\$13.48	\$0.3599	-\$0.0012	\$0.3611		
Mar-99	\$6,931	\$14	\$6,917	\$14.44	\$0.03	\$14.41	\$0.3785	-\$0.0013	\$0.3798		
Apr-99	\$13,330	\$10	\$13,320	\$27.77	\$0.02	\$27.75	\$0.7377	-\$0.0012	\$0.7389		
May-99	\$10,272	\$10	\$10,262	\$21.40	\$0.02	\$21.38	\$0.5620	-\$0.0012	\$0.5632		
Jun-99	\$2,678	\$14	\$2,664	\$5.58	\$0.03	\$5.55	\$0.1421	-\$0.0013	\$0.1434		
Jul-99	\$9,715	\$14	\$9,701	\$20.24	\$0.03	\$20.21	\$0.5289	-\$0.0012	\$0.5301		
Aug-99	\$17,722	\$14	\$17,707	\$36.92	\$0.03	\$36.89	\$0.9516	-\$0.0012	\$0.9528		
Sep-99	\$18,298	\$14	\$18,283	\$38.12	\$0.03	\$38.09	\$0.9922	-\$0.0012	\$0.9934		
Oct-99	\$13,752	\$10	\$13,742	\$28.65	\$0.02	\$28.63	\$0.7310	-\$0.0012	\$0.7322		
Nov-99	\$9,216	\$14	\$9,202	\$19.20	\$0.03	\$19.17	\$0.5081	-\$0.0012	\$0.5093		
Dec-99	\$10,478	\$14	\$10,464	\$21.83	\$0.03	\$21.80	\$0.5755	-\$0.0012	\$0.5767		
Jan-00	\$11,731	\$10	\$11,722	\$24.44	\$0.02	\$24.42	\$0.6427	-\$0.0012	\$0.6439		
Feb-00	\$9,931	\$14	\$9,917	\$20.69	\$0.03	\$20.66	\$0.5477	-\$0.0012	\$0.5489		
Mar-00	\$8,938	\$14	\$8,923	\$18.62	\$0.03	\$18.59	\$0.4923	-\$0.0012	\$0.4935		
Apr-00	\$6,600	\$14	\$6,586	\$13.75	\$0.03	\$13.72	\$0.3625	-\$0.0012	\$0.3637		
May-00	\$3,931	\$10	\$3,922	\$8.19	\$0.02	\$8.17	\$0.2153	-\$0.0013	\$0.2166		
Jun-00	\$1,968	\$14	\$1,954	\$4.10	\$0.03	\$4.07	\$0.1067	-\$0.0012	\$0.1079		
Jul-00	\$7,550	\$14	\$7,536	\$15.73	\$0.03	\$15.70	\$0.4160	-\$0.0012	\$0.4172		
Aug-00	\$6,106	\$14	\$6,091	\$12.72	\$0.03	\$12.69	\$0.3337	-\$0.0013	\$0.3350		
Sep-00	\$8,021	\$14	\$8,006	\$16.71	\$0.03	\$16.68	\$0.4334	-\$0.0012	\$0.4346		
Oct-00	\$6,605	\$14	\$6,590	\$13.76	\$0.03	\$13.73	\$0.3465	-\$0.0012	\$0.3477		
Nov-00	-\$3,667	\$10	-\$3,677	-\$7.64	\$0.02	-\$7.66	-\$0.2004	-\$0.0012	-\$0.1992		
Dec-00	-\$3,067	\$14	-\$3,082	-\$6.39	\$0.03	-\$6.42	-\$0.1745	-\$0.0012	-\$0.1733		
1999 Average	\$11,290	\$14	\$11,276.00	\$23.52	\$0.03	\$23.49	\$0.6143	(\$0.0012)	\$0.6155		
2000 Average	\$5,387	\$13	\$5,374.00	\$11.22	\$0.03	\$11.20	\$0.2935	(\$0.0012)	\$0.2947		
1999-2000 Average	\$8,338	\$13	\$8,325.00	\$17.37	\$0.03	\$17.34	\$0.4539	(\$0.0012)	\$0.4551		

Cream Cost = 0.4 x Class Butterfat Price + 0.6 x Class Skim Price

Table 4A: III-IV TENTATIVE RULE: ESTIMATED CLASS I POOL IMPACTS: FLORIDA

			tative Final Rule parate CI III Fat Class I Mover  Tentative Final Rule Same Class III-IV Fat Class I Mover					t Class I Mover Value			Class III Value			Pool Change Total	e from Butterfat S Total		ritch Pool	
Month &							_		Separate	With Same		Separate	With Same		Pool	Producer		hange
Year	В	utterfat	;	Skim	В	utterfat		Skim	Cl. III Fat	CI. III-IV Fat		CI. III Fat	CI. III-IV Fat		Change	Lbs	Pe	er Cwt.
Jan-99	\$	2.6739	\$	8.00	\$	1.4511	\$	12.85	\$32,713,835	\$37,773,333		\$2,992,561	\$2,331,402		-\$4,398,339	288,320,614	\$	(1.53)
Feb-99	\$	2.6453	\$	7.78	\$	1.5872	\$	11.98	\$31,436,768	\$35,796,522		\$993,478	\$934,963		-\$4,301,239	279,543,107	\$	(1.54)
Mar-99	\$	1.4399	\$	8.11	\$	1.4399	\$	8.11	\$28,112,153	\$28,112,153	-	\$1,123,848	\$1,046,689		\$77,159	309,623,059	\$	0.02
Apr-99	\$	1.4984	\$	7.90	\$	1.4984	\$	7.90	\$25,255,598	\$25,255,598		\$906,594	\$836,194		\$70,401	295,054,995	\$	0.02
May-99	\$	1.8419	\$	5.34	\$	1.0832	\$	8.35	\$21,631,606	\$24,530,844		\$1,296,682	\$1,142,549		-\$2,745,105	295,202,409	\$	(0.93)
Jun-99	\$	1.0744	\$	7.79	\$	1.0744	\$	7.79	\$22,103,452	\$22,103,452		\$719,893	\$710,145		\$9,748	267,197,853	\$	0.00
Jul-99	\$	1.6100	\$	7.80	\$	1.6100	\$	7.80	\$25,074,322	\$25,074,322		\$932,189	\$884,856		\$47,333	266,727,411	\$	0.02
Aug-99	\$	2.0669	\$	5.89	\$	1.5311	\$	8.01	\$24,409,203	\$26,454,912		\$1,065,020	\$1,022,751		-\$2,003,440	277,596,133	\$	(0.72)
Sep-99	\$	2.4323	\$	6.92	\$	1.5924	\$	10.26	\$28,096,114	\$31,261,682		\$1,526,034	\$1,311,407		-\$2,950,942	269,644,990	\$	(1.09)
Oct-99	\$	2.6174	\$	7.49	\$	1.4846	\$	11.99	\$30,611,584	\$34,843,767		\$1,242,034	\$1,073,520		-\$4,063,669	271,485,062	\$	(1.50)
Nov-99	\$	2.0354	\$	5.92	\$	1.2548	\$	9.02	\$21,850,282	\$24,435,048		\$900,921	\$758,047		-\$2,441,893	231,820,454	\$	(1.05)
Dec-99	\$	1.1640	\$	7.91	\$	1.1640	\$	7.91	\$22,984,559	\$22,984,559		\$815,837	\$756,587		\$59,250	253,075,929	\$	0.02
Jan-00	\$	0.9841	\$	7.85	\$	0.9841	\$	7.85	\$23,582,709	\$23,582,709		\$1,897,040	\$1,425,835		\$471,206	288,320,614	\$	0.16
Feb-00	\$	0.9290	\$	7.84	\$	0.9290	\$	7.84	\$22,869,632	\$22,869,632		\$828,341	\$741,255		\$87,086	279,543,107	\$	0.03
Mar-00	\$	0.9701	\$	7.83	\$	0.9701	\$	7.83	\$24,830,819	\$24,830,819		\$927,452	\$828,777		\$98,675	309,623,059	\$	0.03
Apr-00	\$	0.9977	\$	7.83	\$	0.9977	\$	7.83	\$22,601,339	\$22,601,339		\$739,220	\$702,367		\$36,853	295,054,995	\$	0.01
May-00	\$	1.1546	\$	7.83	\$	1.1546	\$	7.83	\$23,721,355	\$23,721,355		\$1,122,675	\$1,061,407		\$61,268	295,202,409	\$	0.02
Jun-00	\$	1.2183	\$	7.83	\$	1.2183	\$	7.83	\$22,910,974	\$22,910,974		\$616,946	\$609,029		\$7,918	267,197,853	\$	0.00
Jul-00	\$	1.4343	\$	7.84	\$	1.4343	\$	7.84	\$24,263,218	\$24,263,218		\$766,294	\$728,323		\$37,971	266,727,411	\$	0.01
Aug-00	\$	1.2901	\$	7.82	\$	1.2901	\$	7.82	\$24,749,408	\$24,749,408		\$696,023	\$678,804		\$17,219	277,596,133	\$	0.01
Sep-00	\$	1.2579	\$	7.82	\$	1.2579	\$	7.82	\$24,055,280	\$24,055,280		\$1,057,298	\$961,775		\$95,523	269,644,990	\$	0.04
Oct-00	\$	1.2554	\$	7.89	\$	1.2554	\$	7.89	\$24,386,306	\$24,386,306		\$1,004,040	\$922,052		\$81,988	271,485,062	\$	0.03
Nov-00	\$	1.2423	\$	7.87	\$	1.2423	\$	7.87	\$22,027,157	\$22,027,157		\$745,200	\$798,045		-\$52,845	231,820,454	\$	(0.02)
Dec-00	\$	1.3271	\$	7.88	\$	1.3271	\$	7.88	\$23,774,284	\$23,774,284		\$786,220	\$799,704		<i>-</i> \$13,484	253,075,929	\$	(0.01)
1999	\$	1.9250	\$	7.24	\$	1.3976	\$	9.33	\$26,189,956	\$28,218,849	\$	1,209,591 \$	1,067,426	\$	(1,886,728)	275,441,001	\$	(0.69)
2000	\$	1.1717	\$	7.84	\$	1.1717	\$	7.84	\$23,647,707	\$23,647,707	\$	932,229 \$	854,781	\$	77,448	275,441,001	\$	0.03
99-'00	\$	1.5484	\$	7.54	\$	1.2847	\$	8.59	\$24,918,832	\$25,933,278	\$	1,070,910 \$	961,104	\$	(904,640)	275,441,001	\$	(0.33)

1999 Pool Impacts estimated based on 2000 Class I and Pool Milk and Milk Component Statistics.

Sources: USDA and National All-Jersey Inc.

TABLE 4B: III-IV TENTATIVE RULE: ESTIMATED CLASS I POOL IMPACTS: APPALACHIAN

	T	entative l	Fina											Pool Change from Butterfat Switch				
	5	Separate	CIII	l Fat	S	ame Clas	s III	-IV Fat	Class I M	over Value		Class III	Value	Total	Ī	Total		Pool
Month &		Class I	Mov	/er		Class I	Mo	ver	Separate	With Same		Separate	With Same	Pool		Producer	C	hange
Year	В	utterfat	,	Skim	В	utterfat		Skim	CI. III Fat	CI. III-IV Fat	1	CI. III Fat	CI. III-IV Fat	Change	)	Lbs	Pe	er Cwt.
						-												
Jan-99	\$	2.6739	\$	8.00	\$	1.4511	\$	12.85	\$52,034,118	\$60,377,824		\$4,434,628	\$3,763,708	-\$7,672		506,004,976	\$	(1.52)
Feb-99	\$	2.6453	\$	7.78	\$	1.5872	\$	11.98	\$45,069,803	\$51,675,838		\$2,045,595	\$1,967,235	-\$6,527		492,333,161	\$	(1.33)
Mar-99	\$	1.4399	\$	8.11	\$	1.4399	\$	8.11	\$41,484,524	\$41,484,524		\$3,451,456	\$3,250,377	\$201		593,201,208	\$	0.03
Apr-99	\$	1.4984	\$	7.90	\$	1.4984	\$	7.90	\$36,927,694	\$36,927,694		\$6,293,769	\$6,186,236	\$107		565,671,293	\$	0.02
May-99	\$	1.8419	\$	5.34	\$	1.0832	\$	8.35	\$32,921,025	\$37,878,915		\$8,132,816	\$7,999,592	-\$4,824	,666	582,988,699	\$	(0.83)
Jun-99	\$	1.0744	\$	7.79	\$	1.0744	\$	7.79	\$34,491,755	\$34,491,755		\$7,846,484	\$7,785,400	\$61	084	557,820,284	\$	0.01
Jul-99	\$	1.6100	\$	7.80	\$	1.6100	\$	7.80	\$37,683,614	\$37,683,614		\$5,158,639	\$4,784,494	\$374	145	490,476,558	\$	0.08
Aug-99	\$	2.0669	\$	5.89	\$	1.5311	\$	8.01	\$38,139,772	\$41,714,125		\$5,367,624	\$4,685,112	-\$2,891	841	500,316,576	\$	(0.58)
Sep-99	\$	2.4323	\$	6.92	\$	1.5924	\$	10.26	\$42,384,360	\$47,828,669		\$5,910,610	\$4,754,179	-\$4,287	,877	469,034,164	\$	(0.91)
Oct-99	\$	2.6174	\$	7.49	\$	1.4846	\$	11.99	\$47,006,527	\$54,422,790		\$4,504,714	\$3,915,192	-\$6,826	742	503,975,712	\$	(1.35)
Nov-99	\$	2.0354	\$	5.92	\$	1.2548	\$	9.02	\$37,970,432	\$42,887,001		\$4,435,751	\$3,954,731	-\$4,435	,548	497,762,871	\$	(0.89)
Dec-99	\$	1.1640	\$	7.91	\$	1.1640	\$	7.91	\$38,267,987	\$38,267,987		\$5,272,597	\$5,110,853	\$161	744	558,221,939	\$	0.03
Jan-00	\$	0.9841	\$	7.85	\$	0.9841	\$	7.85	\$37,681,039	\$37,681,039		\$2,810,957	\$2,331,844	\$479	112	506,004,976	\$	0.09
Feb-00	\$	0.9290	\$	7.84	\$	0.9290	\$	7.84	\$33,035,806	\$33,035,806		\$1,705,225	\$1,590,503	\$114	722	492,333,161	\$	0.02
Mar-00	\$	0.9701	\$	7.83	\$	0.9701	\$	7.83	\$36,753,447	\$36,753,447		\$2,847,808	\$2,591,755	\$256	054	593,201,208	\$	0.04
Apr-00	\$	0.9977	\$	7.83	\$	0.9977	\$	7.83	\$33,161,178	\$33,161,178		\$5,132,289	\$5,061,227	\$71	062	565,671,293	\$	0.01
May-00	\$	1.1546	\$	7.83	\$	1.1546	\$	7.83	\$36,570,825	\$36,570,825		\$7,050,344	\$6,980,389	\$69		582,988,699	\$	0.01
Jun-00	\$	1.2183	\$	7.83	\$	1.2183	\$	7.83	\$35,699,722	\$35,699,722		\$6,728,193	\$6,675,330	•	863	557,820,284	\$	0.01
Jul-00	\$	1.4343	\$	7.84	\$	1.4343	\$	7.84	\$36,535,052	\$36,535,052		\$4,235,821	\$3,937,803	\$298	•	490,476,558	\$	0.06
Aug-00	\$	1.2901	\$	7.82	\$	1.2901	\$	7.82	\$39,100,724	\$39,100,724		\$3,495,849	\$3,247,019	\$248		500,316,576	\$	0.05
Sep-00	\$	1.2579	\$	7.82	\$	1.2579	\$	7.82	\$36,783,705	\$36,783,705		\$4,091,724	\$3,580,823	\$510		469,034,164	\$	0.11
Oct-00	\$	1.2554	\$	7.89	\$	1.2554	\$	7.89	\$37,956,386	\$37,956,386		\$3,641,488	\$3,354,268	\$287		503,975,712	\$	0.06
Nov-00	\$	1.2423	\$	7.87	\$	1.2423	\$	7.87	\$38,614,571	\$38,614,571		\$3,672,852	\$3,840,941	-\$168		497,762,871	\$	(0.03)
Dec-00	\$	1.3271	\$	7.88	\$	1.3271	\$	7.88	\$39,508,425	\$39,508,425		\$5,091,253	\$5,108,003	-\$16		558,221,939	\$	(0.00)
	•		•	,,,,,	•		•	7.00	400,000,120	400,000,120		40,001,200	40,100,000	<b>4.0</b>	,, 00	000,221,000	•	(0.00)
1999	\$	1.9250	\$	7.24	\$	1.3976	\$	9.33	\$40,365,134	\$43,803,395	\$	5,237,890	4,846,426	\$ (3,046,	796)	526,483,953	\$	(0.60)
2000	\$	1.1717	\$	7.84	\$	1.1717	\$	7.84	\$36,783,407	\$36,783,407	\$	4,208,650		\$ 183,0	•	526,483,953	\$	0.04
99-2000	\$	1.5484	\$	7.54	\$	1.2847	\$	8.59	\$38,574,270	\$40,293,401		\$4,723,270		\$ (1,431,		526,483,953	\$	(0.28)
					•		-								,	, ,	•	` '

1999 Pool Impacts estimated based on 2000 Class I and Pool Milk and Milk Component Statistics.

Sources: USDA and National All-Jersey Inc.

TABLE 4C: III-IV TENTATIVE RULE: ESTIMATED CLASS I POOL IMPACTS: SOUTHEAST

	T	entative l	Fina	l Rule	T	entative l	Fina	l Rule					F	Pool Change	from Butterfa	ıt Sw	itch
	5	Separate	CI II	l Fat	S	ame Clas	s III	-IV Fat	Class I M	over Value	Class III	Value		Total	Total	1	Pool
Month &		Class I	Mov	/er		Class I	Mo	ver	Separate	With Same	Separate	With Same		Pool ·	Producer	C	hange
Year	В	utterfat	•	Skim	В	utterfat	•	Skim	CI. III Fat	CI. III-IV Fat	Cl. III Fat	CI. III-IV Fat	C	Change	Lbs	Pe	r CwŁ
1		*								_	•						
Jan-99	\$	2.6739	\$	8.00	\$	1.4511	\$	12.85	\$64,124,342	\$74,115,209	\$22,028,424	\$20,527,771		\$8,490,213	746,009,902	\$	(1.14)
Feb-99	\$	2.6453	\$	7.78	\$	1.5872	\$	11.98	\$58,755,978	\$66,891,025	\$13,223,903	\$12,945,118	-	\$7,856,262	704,967,953	\$	(1.11)
Mar-99	\$	1.4399	\$	8.11	\$	1.4399	\$	8.11	\$52,512,361	\$52,512,361	\$15,938,780	\$15,655,170		\$283,609	763,319,778	\$	0.04
Apr-99	\$	1.4984	\$	7.90	\$	1.4984	\$	7.90	\$47,504,936	\$47,504,936	\$15,429,222	\$15,185,410		\$243,812	749,149,882	\$	0.03
May-99	\$	1.8419	\$	5.34	\$	1.0832	\$	8.35	\$41,867,022	\$47,726,705	\$15,792,308	\$15,720,219	-,	\$5,787,594	758,565,140	\$	(0.76)
Jun-99	\$	1.0744	\$	7.79	\$	1.0744	\$	7.79	\$43,228,234	\$43,228,234	\$14,734,792	\$14,635,320		\$99,472	683,727,735	\$	0.01
Jul-99	\$	1.6100	\$	7.80	\$	1.6100	\$	7.80	\$47,533,131	\$47,533,131	\$13,400,954	\$13,170,318		\$230,636	645,407,754	\$	0.04
Aug-99	\$	2.0669	\$	5.89	\$	1.5311	\$	8.01	\$48,169,076	\$52,352,205	\$14,264,481	\$13,831,398	-/	\$3,750,045	662,001,994	\$	(0.57)
Sep-99	\$	2.4323	\$	6.92	\$	1.5924	\$	10.26	\$56,053,386	\$62,829,935	\$15,280,908	\$14,713,609	-	\$6,209,250	658,332,701	\$	(0.94)
Oct-99	\$	2.6174	\$	7.49	\$	1.4846	\$	11.99	\$60,872,830	\$69,914,858	\$14,422,207	\$13,853,190	-	\$8,473,011	710,671,561	\$	(1.19)
Nov-99	\$	2.0354	\$	5.92	\$	1.2548	\$	9.02	\$43,373,452	\$48,613,668	\$11,872,039	\$11,525,612	-;	\$4,893,788	608,003,199	\$	(0.80)
Dec-99	\$	1.1640	\$	7.91	\$	1.1640	\$	7.91	\$42,879,798	\$42,879,798	\$11,053,553	\$10,404,541		\$649,011	619,493,096	\$	0.10
Jan-00	\$	0.9841	\$	7.85	\$	0.9841	\$	7.85	\$46,268,221	\$46,268,221	\$13,961,648	\$12,881,787	;	\$1,079,861	746,009,902	\$	0.14
Feb-00	\$	0.9290	\$	7.84	\$	0.9290	\$	7.84	\$42,734,443	\$42,734,443	\$11,021,665	\$10,629,296		\$392,369	704,967,953	\$	0.06
Mar-00	\$	0.9701	\$	7.83	\$	0.9701	\$	7.83	\$46,390,429	\$46,390,429	\$13,142,244	\$12,804,375		\$337,869	763,319,778	\$	0.04
Apr-00	\$	0.9977	\$	7.83	\$	0.9977	\$	7.83	\$42,545,161	\$42,545,161	\$12,581,868	\$12,417,260		\$164,608	749,149,882	\$	0.02
May-00	\$	1.1546	\$	7.83	\$	1.1546	\$	7.83	\$46,125,319	\$46,125,319	\$13,692,356	\$13,626,888		\$65,469	758,565,140	\$	0.01
Jun-00	\$	1.2183	\$	7.83	\$	1.2183	\$	7.83	\$44,791,856	\$44,791,856	\$12,636,047	\$12,548,056		\$87,991	683,727,735	\$	0.01
Jul-00	\$	1.4343	\$	7.84	\$	1.4343	\$	7.84	\$46,027,620	\$46,027,620	\$11,035,230	\$10,841,681		\$193,549	645,407,754	\$	0.03
Aug-00	\$	1.2901	\$	7.82	\$	1.2901	\$	7.82	\$49,006,471	\$49,006,471	\$9,325,689	\$9,140,994		\$184,695	662,001,994	\$	0.03
Sep-00	\$	1.2579	\$	7.82	\$	1.2579	\$	7.82	\$48,332,977	\$48,332,977	\$10,603,719	\$10,332,792		\$270,926	658,332,701	\$	0.04
Oct-00	\$	1.2554	\$	7.89	\$	1.2554	\$	7.89	\$48,841,077	\$48,841,077	\$11,655,539	\$11,353,223		\$302,316	710,671,561	\$	0.04
Nov-00	\$	1.2423	\$	7.87	\$	1.2423	\$	7.87	\$43,811,252	\$43,811,252	\$9,846,263	\$9,906,527		-\$60,263	608,003,199	\$	(0.01)
Dec-00	\$	1.3271	\$	7.88	\$	1.3271	\$	7.88	\$44,318,953	\$44,318,953	\$10,659,279	\$10,793,038		-\$133,759	619,493,096	\$	(0.02)
																	` ,
1999	\$	1.9250	\$	7.24	\$	1.3976	\$	9.33	\$50,572,879	\$54,675,172	\$14,786,798	\$14,347,306	\$ (	(3,662,802)	692,470,891	\$	(0.52)
2000	\$	1.1717	\$	7.84	\$	1.1717	\$	7.84	\$45,766,148	\$45,766,148	\$11,680,129	\$11,439,660	\$	240,469	692,470,891	\$	0.03
99-2000	\$	1.5484	\$	7.54	\$	1.2847	\$	8.59	\$48,169,514	\$50,220,660	\$13,233,463	\$12,893,483	\$ (	(1,711,166)	692,470,891	\$	(0.25)
														•			

1999 Pool Impacts estimated based on 2000 Class I and Pool Milk and Milk Component Statistics.

Sources: USDA and National All-Jersey Inc.

## Table 5A: Class I, & III Pool Utilizations Due to Order Reform, 1999 Utilizations Assumed for 2000

		S Class I Utilzation		US Class II		US Class III Utilzation 2000 Data			
		) Data	Percent	2000					
	Fat	Skim	Butterfat	Fat	Protein	OS	Skim		
		Orders)		(All Orders)	(MCP (	•	(Fat-Skim Orders)		
Jan-99	80,151,947	3,996,928,711	2.01%	157,894,737	117,008,164	217,505,835	214,415,063		
Feb-99	75,059,415	3,778,079,072	1.99%	149,192,624	112,712,730	209,805,729	204,148,080		
Mar-99	81,170,904	4,078,417,203	1.99%	165,258,539	122,666,193	232,167,496	234,769,029		
Apr-99	72,604,431	3,668,804,480	1.98%	162,594,077	123,330,730	235,031,038	257,202,235		
May-99	77,266,394	3,868,143,521	2.00%	165,355,940	124,983,662	240,865,809	• •		
Jun-99	74,933,610	3,653,903,343	2.05%	154,554,212	119,445,796	231,655,556			
Jul-99	73,993,611	3,596,727,769	2.06%	156,622,839	121,801,669	238,388,772			
Aug-99	80,613,563	3,945,838,613	2.04%	146,996,048	114,347,417	221,228,145	• •		
Sep-99	79,047,873	3,955,188,205	2.00%	144,087,232	110,228,302	207,543,891	201,538,259		
Oct-99	81,222,190	4,004,914,658	2.03%	152,598,431	116,607,644	215,271,780	• •		
Nov-99	82,428,228	3,925,859,978	2.10%	152,501,720	115,392,104	211,384,250	• •		
Dec-99	84,009,584	3,927,076,195	2.14%	160,427,204	121,679,155	221,833,828	• •		
Jan-00	80,151,947	3,996,928,711	2.01%	157,894,737	117,008,164	217,505,835	• • •		
Feb-00	75,059,415	3,778,079,072	1.99%	149,192,624	112,712,730	209,805,729			
Mar-00	81,170,904	4,078,417,203	1.99%	165,258,539	122,666,193	232,167,496			
Apr-00	72,604,431	3,668,804,480	1.98%	162,594,077	123,330,730	235,031,038	257,202,235		
May-00	77,266,394	3,868,143,521	2.00%	165,355,940	124,983,662	240,865,809	292,672,517		
Jun-00	74,933,610	3,653,903,343	2.05%	154,554,212	119,445,796	231,655,556			
Jul-00	73,993,611	3,596,727,769	2.06%	156,622,839	121,801,669	238,388,772			
Aug-00	80,613,563	3,945,838,613	2.04%	146,996,048	114,347,417	221,228,145	•		
Sep-00	79,047,873	3,955,188,205	2.00%	144,087,232	110,228,302	207,543,891	201,538,259		
Oct-00	81,222,190	4,004,914,658	2.03%	152,598,431	116,607,644	215,271,780			
Nov-00	82,428,228	3,925,859,978	2.10%	152,501,720	115,392,104	211,384,250			
Dec-00	84,009,584	3,927,076,195	2.14%	160,427,204	121,679,155	221,833,828	227,176,017		
AVERAGE	CLASS I & III UTII	LIZATIONS FOR CL	ASSES I and	d III - ALL ORDEF	RS:				
1999	76,974,234	3,823,355,339	2.01%	157,308,627	119,537,045	228,331,048	232,250,672		
2000	78,541,812	3,866,656,812	2.03%	155,673,634	118,350,297	223,556,844	226,936,365		
99-2000	77,914,781	3,849,336,223	2.02%	156,327,631	118,824,996	225,466,525	229,062,088		
TOTAL CL	ASS I & III UTILIZ	ATIONS FOR CLAS	SES I and III	- ALL ORDERS					
1999	942,501,749	46,399,881,749	2.03%	1,868,083,603	1,420,203,566	2,682,682,129	2,723,236,377		
2000	942,501,749	46,399,881,749	2.03%	1,868,083,603	1,420,203,566	2,682,682,129	2,723,236,377		
99-2000	1,885,003,498	92,799,763,498	2.03%	3,736,167,205	2,840,407,132	5,365,364,258	5,446,472,755		

1999 Pool Impacts estimated based on 1999 Prices and 2000 Class I and Pool Milk and Milk Component Statistics. Sources: USDA and National All-Jersey Inc.

## Table 5B: Class I, III, and Producer Pool Impacts Tentative Rule versus Old Butterfat Formula with 16.5 cent Make Allowance

		Tentative Final Rule Separate CI III Fat			Rule	Tentative Final Rule								
		5	Separate	CI III	Fat	Sa	me Clas	s III	-IV Fat	Class I Mo	over Value	Class III M	lilk Value	Total
M	onth &		Class I	Mov	er		Class I	Mo	ver	Separate	With Same	Separate	With Same	Pool
	Year	В	utterfat	S	kim	В	utterfat	;	Skim	CI. III Fat	CI. III-IV Fat	Cl. III Fat	Ci. III-IV Fat	Change
.la	n-99	\$	2.6739	\$	8.00	\$	1.4511	\$	12.85	\$534,072,588	\$629,913,829	\$684,371,395	\$682,493,321	-\$93,963,167
	b-99	\$	2.6453	Š	7.78	\$	1.5872	\$	11.98	\$492,489,221	\$571,748,176	\$471,320,768	\$470,342,821	-\$78,281,008
	ır-99	\$	1.4399	\$	8.11	\$	1.4399	\$	8.11	\$447,637,620	\$447,637,620	\$525,980,987	\$524,064,523	\$1,916,464
	r-99	\$	1.4984	Š	7.90	\$	1.4984	\$	7.90	\$398,626,034	\$398,626,034	\$524,595,194	\$526,300,439	-\$1,705,245
•	y-99	\$	1.8419	\$	5.34	\$	1.0832	\$	8.35	\$348,875,835	\$406,684,942	\$503,260,964	\$504,376,274	-\$58,924,417
	n-99	\$	1.0744	\$	7.79	\$	1.0744	\$	7.79	\$365,147,741	\$365,147,741	\$486,038,071	\$485,026,332	\$1,011,739
	<b>-99</b>	\$	1.6100	Š	7.80	\$	1.6100	\$	7.80	\$399,674,479	\$399,674,479	\$568,641,752	\$570,279,530	-\$1,637,778
	g-99	\$	2.0669	\$	5.89	\$	1.5311	Š	8.01	\$399,030,069	\$439,489,100	\$639,348,216	\$643,701,895	-\$44,812,710
	p-99	Š	2.4323	\$	6.92	\$	1.5924	Š	10.26	\$465,967,166	\$531,678,143	\$622,388,738	\$625,265,388	-\$68,587,627
	t-99	\$	2.6174	\$	7.49	\$	1.4846	\$	11.99	\$512,559,067	\$600,771,730	\$528,723,716	\$530,560,190	-\$90,049,138
	v-99	\$	2.0354	\$	5.92	\$	1.2548	\$	9.02	\$400,185,326	\$457,543,511	\$446,624,930	\$446,329,121	-\$57,062,376
	c-99	Š	1.1640	\$	7.91	\$	1.1640	\$	7.91	\$408,418,883	\$408,418,883	\$439,610,745	\$439,816,064	-\$205,320
	n-00	\$	0.9841	\$	7.85	\$	0.9841	\$	7.85	\$392,636,435	\$392,636,435	\$433,672,501	\$431,719,840	\$1,952,661
	b-00	Š	0.9290	Š	7.84	\$	0.9290	\$	7.84	\$365,931,595	\$365,931,595	\$392,923,216	\$392,565,417	\$357,800
	r-00	\$	0.9701	\$	7.83	\$	0.9701	\$	7.83	\$398,083,961	\$398,083,961	\$433,857,129	\$432,090,905	\$1,766,224
Ap	r-00	\$	0.9977	\$	7.83	\$	0.9977	\$	7.83	\$359,704,832	\$359,704,832	\$427,608,321	\$427,237,414	\$370,907
	y-00	\$	1.1546	\$	7.83	\$	1.1546	\$	7.83	\$392,087,416	\$392,087,416	\$436,419,346	\$435,394,659	\$1,024,687
	n-00	\$	1.2183	\$	7.83	\$	1.2183	\$	7.83	\$377,392,248	\$377,392,248	\$417,120,055	\$415,814,951	\$1,305,104
Ju	I-00	\$	1.4343	\$	7.84	\$	1.4343	\$	7.84	\$388,112,493	\$388,112,493	\$468,838,706	\$469,629,778	-\$791,072
Au	g-00	\$	1.2901	\$	7.82	\$	1.2901	\$	7.82	\$412,564,138	\$412,564,138	\$418,518,333	\$418,639,571	-\$121,238
Se	p-00	\$	1.2579	\$	7.82	\$	1.2579	\$	7.82	\$408,730,037	\$408,730,037	\$432,161,356	\$432,264,675	-\$103,318
Oc	t-00	\$	1.2554	·\$	7.89	\$	1.2554	\$	7.89	\$417,954,103	\$417,954,103	\$427,350,234	\$427,040,558	\$309,676
· No	v-00	\$	1.2423	\$	7.87	\$	1.2423	\$	7.87	\$411,365,768	\$411,365,768	\$370,412,800	\$367,498,620	\$2,914,180
. De	c-00	\$	1.3271	\$	7.88	\$	1.3271	\$	7.88	\$420,942,723	\$420,942,723	\$425,085,325	\$422,039,763	\$3,045,562
ΑV	ERAGE	PO	OL CHA	NGE	S FOR	CL	ASSES I a	ınd	III - ALL	ORDERS:	•			
19		s	1.9250	\$	7.24	\$	1.3976	\$	9.33	\$431.057.002	\$471,444,516	\$536,742,123	\$537.379.658	\$ (41,025,049)
20		\$	1.1717	\$	7.84	\$	1.1717	\$	7.84	\$395,458,812	\$395,458,812	\$423,663,943	\$422,661,346	, , , ,
	-2000	\$	1.5484	\$	7.54	\$	1.2847	•	8.59	\$413,257,907	\$433,451,664	\$480,203,033	· ·	
TO	TAL PO	ΩI	CHANGI	FS F	OR CL	155	ES I and	111	- ALL O	RDFRS		•		
19		JL		' '				***		\$5,172,684,029	\$5,657,334,188	\$6,440,905,475	\$6,448,555,899	-\$492,300,583
20					_					\$4,745,505,749	\$4.745.505.749	\$5.083.967.322	\$5,071,936,150	\$12,031,172
	-2000						_			\$9,918,189,778	\$10,402,839,937	\$11,524,872,797	\$11,520,492,049	-\$480,269,411

1999 Pool Impacts estimated based on 1999 Prices and 2000 Class I and Pool Milk and Milk Component Statistics. Sources: USDA and National All-Jersey Inc.

02/05/01