September 18, 2007

## TO ALL INTERESTED PARTIES:

Enclosed are copies of the latest nonfat dry milk, bulk butter, Cheddar cheese and dry whey powder processing costs for the period of January through December 2006. The processing cost data does not include the cost of raw product nor does it include Any cost of marketing finished product.

For each of the four manufactured products, the cost data are presented in a table that shows actual weighted-average cost of plants grouped by efficiency. Also enclosed is a summary table showing the weighted-average manufacturing cost for nonfat powder, butter and Cheddar cheese as published since February 2000. In addition, the weighted average manufacturing for whey is shown for 2004-2006. Cost includes packaging, processing labor, processing non-labor, general and administrative cost, return on investment and, for butter and Cheddar cheese, miscellaneous ingredients.

Should you have any questions regarding this material, please contact me at the telephone number or e-mail address listed below.

Sincerely,
Original Signed by
Venetta Reed
Supervising Auditor I
Enclosures

## Summary of Weighted Average Manufacturing Costs

## Butter, Nonfat Dry Milk, Cheddar Cheese, and Dry Whey Powder

Costs include processing labor, non-labor processing, packaging, other ingredients (for butter and Cheddar cheese only), general and administrative, and return on investments at $6.48 \%$ for 2006.

| Study Period | Release Date | BUTTER |  | NONFAT DRY MILK |  | CHEDDAR CHEESE |  | DRY WHEY POWDER |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Cost Per Pound | Number of Plants | Cost Per Pound | Number of Plants | Cost Per Pound | Number of Plants | Cost Per Pound | Number of Plants |
| Study Periods Varied | Feb-00 | \$0.0957 | 8 | \$0.1356 | 10 | \$0.1693 | 9 | -- | -- |
| July 2000-Dec 2001 | Nov-02 | \$0.1208 | 7 | \$0.1619 | 11 | \$0.1775 | 9 | -- | -- |
| Jan-Dec 2002 | Nov-03 | \$0.1235 | 7 | \$0.1464 | 10 | \$0.1632 | 9 | -- | -- |
| Jan-Dec 2003 | Nov-04 | \$0.1299 | 7 | \$0.1560 | 10 | \$0.1706 | 9 | \$0.2675 | 4 |
| Jan-Dec 2004 | Nov-05 | \$0.1368 | 8 | \$0.1543 | 10 | \$0.1769 | 7 | \$0.2673 | 3 |
| Jan-Dec 2005 | Nov-06 | \$0.1408 | 8 | \$0.1659 | 9 | \$0.1914 | 7 | \$0.2851 | 3 |
| Jan-Dec 2006 | Sep-07 | \$0.1373 | 7 | \$0.1664 | 8 | \$0.1988 | 7 | \$0.3099 | 3 |

## Notes:

- Since 1996, the Cheddar cheese cost studies have included costs associated with Cheddar cheese plants producing 500 -pound barrels and 640-pound blocks. However, costs for packaging labor and packaging expenses were replaced with the average of those costs associated with 40 - lb. block plants.
- The cost studies for Dry Whey Powder originated with the study period January-December 2003.


## BUTTER MANUFACTURING COSTS

CURRENT Study Period: January through December 2006
With Comparison to the same time period PRIOR YEAR (2005)

- Manufacturing cost data were collected and summarized from seven California butter plants. The seven plants processed 424.6 million pounds of butter during the 12-month study period, January through December 2006, representing $95 \%$ of the butter processed in California.
- The volume total includes both bulk butter and cut butter, but the costs reflect only costs for bulk butter ( 25 kg and 68 lb . blocks).
- To obtain the weighted average, individual plant costs were weighted by their butter processing volume relative to the total volume of butter processed by all plants included in the cost study.
- For this study period, approximately $61 \%$ of the butter was processed at a cost less than the current manufacturing cost allowance for butter of $\$ 0.156$ per pound.

Breakdown of Butter Manufacturing Costs - January through December 2006

| Categories | Low Cost Group | High Cost Group | Range of Costs Minimum Maximum |  | CURRENT <br> Weighted Average Cost All Plants Jan-Dec 2006 | PRIOR YEAR <br> Weighted Average Cost All Plants Jan-Dec 2005 | Actual |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars Per Pound of Butter |  |  |  |  |  |  |
| Number of Plants | 3 | 4 | 7 | 7 | 7 | 8 | -1 |
| Processing Labor | \$0.0417 | \$0.0612 | \$0.0345 | \$0.1148 | \$0.0498 | \$0.0528 | -\$0.0030 |
| Processing Non-Labor | \$0.0423 | \$0.0627 | \$0.0364 | \$0.0695 | \$0.0508 | \$0.0514 | -\$0.0006 |
| Packaging | \$0.0103 | \$0.0116 | \$0.0095 | \$0.0122 | \$0.0108 | \$0.0104 | \$0.0004 |
| Other Ingredients | \$0.0024 | \$0.0039 | \$0.0017 | \$0.0045 | \$0.0030 | \$0.0041 | -\$0.0011 |
| General \& Administrative | \$0.0134 | \$0.0193 | \$0.0059 | \$0.0239 | \$0.0159 | \$0.0147 | \$0.0012 |
| Return on Investment | \$0.0064 | \$0.0079 | \$0.0018 | \$0.0096 | \$0.0070 | \$0.0074 | -\$0.0004 |
| Average Total Cost | \$0.1165 | \$0.1666 | -- | -- | \$0.1373 | \$0.1408 | -\$0.0035 |
| Volume in Group (Lbs.) | 247,655,028 | 176,965,541 | -- | -- | 424,620,569 | 396,627,948 | 27,992,621 |
| \% Volume by Group | 58.3\% | 41.7\% | -- | -- | 100.0\% | 100.0\% | -- |

Processing Labor: Labor costs associated with processing of product, including wages, payroll taxes and fringe benefits.
Processing Non-Labor: Includes costs such as utilities, repairs and maintenance, laundry, supplies, depreciation, plant insurance, and rent.
Packaging: Includes all non-reusable items used in the packaging of the product, such as boxes, bags, cartons, liners, tape, glue and stretch wrap.
Other Ingredients: Includes salt, and color.
General \& Administrative: Includes expenses in the management of the company, such as: office supplies,short-term interest, dues and subscriptions, accounting fees, headquarter charges, office clerical wages and executive salaries.
Return on Investment: Calculated by subtracting accumulated depreciation from the original cost of assts, with the remaining book value multiplied by Moody's "BAA" corporate bond index.

# NONFAT DRY MILK MANUFACTURING COSTS <br> CURRENT Study Period: January through December 2006 <br> With Comparison to the same time period PRIOR YEAR (2005) 

- Manufacturing cost data were collected and summarized from eight California NFDM plants. The eight plants processed 536.3 million pounds of NFDM during the 12-month study period, January through December 2006, representing $95 \%$ of the NFDM processed in California. The $95 \%$ includes both animal and human consumption.
- The volume total includes all grades of NFDM packaged in any container size, but the costs reflect only costs for 25 kg and 50 lb . bags of NFDM.
- To obtain the weighted average, individual plant costs were weighted by their NFDM processing volume relative to the total volume of NFDM processed by all plants included in the cost study.
- For this study period, approximately $28 \%$ of the NFDM was processed at a cost less than the current manufacturing cost allowance for NFDM of $\$ 0.160$ per pound.

Breakdown of Nonfat Dry Milk Manufacturing Costs - January through December 2006

| Categories | Low Cost Group | High Cost Group | Range <br> Minimum | of Costs <br> Maximum | CURRENT <br> Weighted Average Cost All Plants Jan-Dec 2006 | PRIOR YEAR <br> Weighted Average Cost All Plants Jan-Dec 2005 | Actual Difference Current Less Prior Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars Per Pound of NFDM |  |  |  |  |  |  |
| Number of Plants | 4 | 4 | 8 | 8 | 8 | 9 | -1 |
| Processing Labor | \$0.0339 | \$0.0459 | \$0.0258 | \$0.0780 | \$0.0362 | \$0.0377 | -\$0.0015 |
| Processing Non-Labor | \$0.0925 | \$0.1132 | \$0.0826 | \$0.2337 | \$0.0965 | \$0.0961 | \$0.0004 |
| Packaging | \$0.0149 | \$0.0138 | \$0.0112 | \$0.0151 | \$0.0147 | \$0.0143 | \$0.0004 |
| General \& Administrative | \$0.0100 | \$0.0156 | \$0.0091 | \$0.0334 | \$0.0111 | \$0.0096 | \$0.0015 |
| Return on Investment | \$0.0070 | \$0.0118 | \$0.0040 | \$0.0116 | \$0.0079 | \$0.0082 | -\$0.0003 |
| Average Total Cost | \$0.1583 | \$0.2003 | -- | -- | \$0.1664 | \$0.1659 | \$0.0005 |
| Volume in Group (Lbs.) | 433,519,945 | 102,850,525 | -- | -- | 536,370,470 | 471,894,459 | 64,476,011 |
| \% Volume by Group | 80.8\% | 19.2\% | -- | -- | 100.0\% | 100.0\% | -- |

Processing Labor: Labor costs associated with processing of product, including wages, payroll taxes and fringe benefits.
Processing Non-Labor: Includes costs such as utilities, repairs and maintenance, laundry, supplies, depreciation, plant insurance, and rent.
Packaging: Includes all non-reusable items used in the packaging of the product, such as boxes, bags, cartons, liners, tape, glue and stretch wrap.
General \& Administrative: Includes expenses in the management of the company, such as: office supplies,short-term interest, dues and subscriptions, accounting fees, headquarter charges, office clerical wages and executive salaries.
Return on Investment: Calculated by subtracting accumulated depreciation from the original cost of assts, with the remaining book value multiplied by Moody's "BAA" corporate bond index.

## CHEESE MANUFACTURING COSTS

CURRENT Study Period: January through December 2006 With Comparison to the same time period PRIOR YEAR (2005)

- Manufacturing cost data were collected and summarized from seven California cheese plants. The seven plants processed 826.8 million pounds of cheese during the 12-month study period, January through December 2006, representing $98 \%$ of the Cheddar and Monterey Jack cheese processed in California.
- The volume total includes both Cheddar and Monterey Jack cheeses, but the costs reflect only costs for 40 lb . blocks of Cheddar.
- Three plants processed $500-\mathrm{lb}$. barrels or $640-\mathrm{lb}$. blocks. Packaging costs and packaging labor for $40-\mathrm{lb}$. blocks were substituted for these plants.
- To obtain the weighted average, individual plant costs were weighted by their cheese processing volume relative to the total volume of cheese processed by all plants included in the cost study.
- For all cheese: the weighted average yield was 12.24 lbs . of cheese per hundredweight of milk. The weighted average moisture was $37.03 \%$ and weighted average vat tests were $4.40 \%$ fat and $9.33 \%$ SNF.
- For $40-\mathrm{lb}$. blocks: the weighted average yield was 12.62 lbs . of cheese per hundredweight of milk. The weighted average moisture was $38.08 \%$ and weighted average vat tests were $4.24 \%$ fat and $9.10 \%$ SNF.
- For this study period, approximately $0 \%$ of the cheese was processed at a cost less than the current manufacturing cost allowance for cheese of $\$ 0.178$ per pound.

Breakdown of Cheese Manufacturing Costs - January through December 2006

| Categories | Low Cost Group | High Cost Group | Range <br> Minimum | of Costs Maximum | CURRENT <br> Weighted <br> Cost All Plants Jan-Dec 2006 | PRIOR YEAR <br> Weighted <br> Cost All Plants Jan-Dec 2005 | Actual Difference Prior Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars Per Pound of Cheese |  |  |  |  |  |  |
| Number of Plants | 3 | 4 | 7 | 7 | 7 | 7 | 0 |
| Processing Labor | \$0.0403 | \$0.0648 | \$0.0391 | \$0.0907 | \$0.0499 | \$0.0498 | \$0.0001 |
| Processing Non-Labor | \$0.0882 | \$0.0975 | \$0.0624 | \$0.1228 | \$0.0918 | \$0.0850 | \$0.0068 |
| Packaging | \$0.0210 | \$0.0165 | \$0.0114 | \$0.0231 | \$0.0192 | \$0.0193 | -\$0.0001 |
| Other Ingredients | \$0.0085 | \$0.0162 | \$0.0070 | \$0.0439 | \$0.0115 | \$0.0117 | -\$0.0002 |
| General \& Administrative | \$0.0206 | \$0.0145 | \$0.0080 | \$0.0239 | \$0.0182 | \$0.0174 | \$0.0008 |
| Return on Investment | \$0.0076 | \$0.0091 | \$0.0034 | \$0.0131 | \$0.0082 | \$0.0082 | \$0.0000 |
| Average Total Cost | \$0.1862 | \$0.2186 | -- | -- | \$0.1988 | \$0.1914 | \$0.0074 |
| Volume in Group (Lbs.) | 503,547,827 | 323,272,371 | -- | -- | 826,820,198 | 826,583,500 | 236,698 |
| \% Volume by Group | 60.9\% | 39.1\% | -- | -- | 100.0\% | 100.0\% | -- |

Processing Labor: Labor costs associated with processing of product, including wages, payroll taxes and fringe benefits.
Processing Non-Labor: Includes costs such as utilities, repairs and maintenance, laundry, supplies, depreciation, plant insurance, and rent.
Packaging: Includes all non-reusable items used in the packaging of the product, such as boxes, bags, cartons, liners, tape, glue and stretch wrap.
Other Ingredients: Includes salt, color, and rennet.
General \& Administrative: Includes expenses in the management of the company, such as: office supplies,short-term interest, dues and subscriptions, accounting fees, headquarter charges, office clerical wages and executive salaries.
Return on Investment: Calculated by subtracting accumulated depreciation from the original cost of assts, with the remaining book value multiplied by Moody's "BAA" corporate bond index.

# DRY WHEY POWDER MANUFACTURING COSTS <br> CURRENT Study Period: January through December 2006 <br> With Comparison to the same time period PRIOR YEAR (2005) 

- One of the three participating dry whey operations experienced a significant reduction in the total annual volume of dry whey processed in 2006 compared to 2005. This volume reduction resulted in a significant increase in the per unit dry whey cost for this processing operation that has elevated the weighted average total cost of all three participating plants. As a result, the cost range between the highest cost plant and the lowest cost plant was significantly larger in 2006 compared with 2005
- Manufacturing cost data were collected and summarized from three California dry whey powder plants. The three plants processed 84.89 million pounds of dry whey powder during the 12-month study period, January through December 2006, representing $73 \%$ of the dry whey powder processed in California. The $73 \%$ includes both animal and human consumption.
- The volume total includes dry whey powder packaged in container sizes of 25 kg and 50 lb . bags.
- To obtain the weighted average, individual plant costs were weighted by their dry whey powder processing volume relative to the total volume of dry whey powder processed by all plants included in the cost study.
- For this study period, one of the three plants processed dry whey powder at costs lower than the current manufacturing cost allowance for dry whey powder of $\$ 0.267$ per pound.

Breakdown of Dry Whey Powder Manufacturing Costs - January through December 2006

| Categories | Cost Group |  | Costs <br> Maximum | CURRENT <br> Weighted <br> Cost All Plants <br> Jan-Dec 2006 | PRIOR YEAR <br> Weighted Average Cost All Plants | Actual <br> Difference <br> Current Less |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dollars Per Pound of Dry Whey Powder |  |  |  |  |  |
| Number of Plants | 3 | 3 | 3 | 3 | 3 | 0 |
| Processing Labor | \$0.0580 | \$0.0447 | \$0.0901 | \$0.0580 | \$0.0562 | \$0.0018 |
| Processing Non-Labor | \$0.1943 | \$0.1448 | \$0.5293 | \$0.1943 | \$0.1735 | \$0.0208 |
| Packaging | \$0.0150 | \$0.0105 | \$0.0227 | \$0.0150 | \$0.0132 | \$0.0018 |
| General \& Administrative | \$0.0020 | \$0.0012 | \$0.0025 | \$0.0020 | \$0.0029 | -\$0.0009 |
| Return on Investment | \$0.0406 | \$0.0324 | \$0.0896 | \$0.0406 | \$0.0393 | \$0.0013 |
| Average Total Cost | \$0.3099 | -- | -- | \$0.3099 | \$0.2851 | \$0.0248 |
| Volume in Group (Lbs.) | 84,898,909 | -- | -- | 84,898,909 | 97,953,043 | -13,054,134 |
| \% Volume by Group | 100.0\% | -- | -- | 100.0\% | 100.0\% | -- |

Processing Labor: All labor costs associated with processing of product.
Processing Non-Labor: Includes costs such as utilities, repairs and maintenance, laundry, supplies, depreciation, plant insurance, and rent.
Packaging: Includes all non-reusable items used in the packaging of the product, such as boxes, bags, cartons, liners, tape, glue and stretch wrap.
General \& Administrative: Includes expenses in the management of the company, such as: office supplies,short-term interest, dues and subscriptions, accounting fees, headquarter charges, office clerical wages and executive salaries.
Return on Investment: Calculated by subtracting accumulated depreciation from the original cost of assts, with the remaining book value multiplied by Moody's "BAA" corporate bond index.

