International Dairy Arrangement

INTERNATIONAL DAIRY PRODUCTS COUNCIL

Reply to Questionnaire 4

SWITZERLAND
(Years 1978 and 1979)

I. Milk

A. Production and Utilization of Milk

<table>
<thead>
<tr>
<th></th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total production</strong></td>
<td>1978</td>
<td>3,518</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>3,624</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>Utilization (including exports)</strong></td>
<td>1978</td>
<td>3,518</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>3,642</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>Of which:</strong> Human consumption</td>
<td>1978</td>
<td>736</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>721</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>Animal feed</strong></td>
<td>1978</td>
<td>442</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>480</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>Processing</strong></td>
<td>1978</td>
<td>2,340</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>2,441</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>Of which:</strong> Cheese</td>
<td>1978</td>
<td>1,380</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1,399</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>Butter</strong></td>
<td>1978</td>
<td>430</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>517</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

1Cows' milk.
2Milk for consumption including fresh milk products, i.e. yoghurt and drinks based on milk.
3Milk used for feeding animals.

B. Complementary Information

Fat content in 1978 and 1979: 3.6 per cent.
II. Other Fresh Products

A. Production, Trade and Consumption

<table>
<thead>
<tr>
<th>(1,000 metric tons)</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A 1 Production</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buttermilk</td>
<td>1978</td>
<td>53 2/</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>60 2/</td>
</tr>
<tr>
<td>Whey</td>
<td>1978</td>
<td>1,210 2/</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1,220 2/</td>
</tr>
<tr>
<td>Cream 1/</td>
<td>1978</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>38</td>
</tr>
<tr>
<td>Acidified milk</td>
<td>1978</td>
<td>n.a.</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>n.a.</td>
</tr>
<tr>
<td>Other</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td><strong>A 2 Total imports</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buttermilk</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Whey</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Cream 1/</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Acidified milk</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td><strong>A 3 Total exports</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buttermilk</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Whey</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Cream 1/</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Acidified milk</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td><strong>A 4 Total domestic consumption</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buttermilk 3/</td>
<td>1978</td>
<td>53 2/</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>60 2/</td>
</tr>
<tr>
<td>Whey</td>
<td>1978</td>
<td>1,210 2/</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1,220 2/</td>
</tr>
<tr>
<td>Cream 1/</td>
<td>1978</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>38</td>
</tr>
<tr>
<td>Acidified milk</td>
<td>1978</td>
<td>n.a.</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>n.a.</td>
</tr>
<tr>
<td>Other</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
</tbody>
</table>

1/Fat content: full cream 35 per cent; cream for coffee having a fat content of 15 per cent converted into full cream.
2/Estimates.
3/Pure buttermilk is hardly consumed at all as such. Nearly all of it is mixed with whey or skimmed milk and it is all used for animal feeding.

B. Complementary Information
### III. Whey in Powder or Block, or Concentrated

#### A. Production, Trade, Consumption and Stocks of Whey in Powder or Block, or Concentrated

(‘000 metric tons)

<table>
<thead>
<tr>
<th>Stocks at beginning of period</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 1</td>
<td>1978</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Production</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 2</td>
<td>1978</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total imports(^1)</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 3</td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total exports</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 4</td>
<td>1978</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total domestic consumption</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 5</td>
<td>1978</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>of which</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A 5.1 Animal feed</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1978</td>
<td>n.a.</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>n.a.</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stocks at end of period</th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 6</td>
<td>1978</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) No imports of standard quality; but imports of small quantities (nearly 200 tons) of demineralized whey in powder are made.
B. Exports of Whey in Powder or Block, or Concentrated

C. Imports of Whey in Powder or Block, or Concentrated

<table>
<thead>
<tr>
<th>Year: 1979</th>
<th>Q</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>C Total</td>
<td>0</td>
<td>215²</td>
</tr>
</tbody>
</table>

¹/ US$1 = Sw F 1.65
²/ See note 1 at foot of page 3.

D. Prices in International Trade

E. Complementary Information
IV. Concentrated Milk

A. Production, Trade, Consumption and Stocks of Concentrated Milk

('000 metric tons)

<table>
<thead>
<tr>
<th></th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 1 Stocks at beginning of period</td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td>0</td>
</tr>
<tr>
<td>A 2 Production</td>
<td>1978</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td>A 3 Total imports</td>
<td>1978</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td>A 4 Total exports</td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td>A 5 Total domestic consumption</td>
<td>1978</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td>A 6 Stocks at end of period</td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

1/ It is not possible to distinguish between sweetened and unsweetened concentrated milk.

2/ Figures not available, but very probably less than 500 tons.
### B. Exports of Concentrated Milk

**Year:** 1979  
**Q:** '000 metric tons  
**V:** US$'000/

<table>
<thead>
<tr>
<th></th>
<th>Q</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Total</td>
<td>0</td>
<td>510</td>
</tr>
</tbody>
</table>

### C. Imports of Concentrated Milk

**Year:** 1979  
**Q:** '000 metric tons  
**V:** US$'000/

<table>
<thead>
<tr>
<th></th>
<th>Q</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>C Total</td>
<td>2</td>
<td>1,070</td>
</tr>
</tbody>
</table>

\[
\frac{1}{\text{US$1}} = \text{Sw F 1.65}
\]

### D. Prices in International Trade

---

### E. Data on Food Aid and Transactions other than Normal Commercial Transactions

Nil

### F. Complementary Information

---
V. Casein

A. Production, Trade, Consumption and Stocks of Casein

<table>
<thead>
<tr>
<th></th>
<th>Years</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A 1 Stocks at beginning of period</strong></td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td>0</td>
</tr>
<tr>
<td><strong>A 2 Production</strong></td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td>0</td>
</tr>
<tr>
<td><strong>A 3 Total imports</strong></td>
<td>1978</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>A 4 Total exports</strong></td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>A 5 Total domestic consumption</strong></td>
<td>1978</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
<tr>
<td><strong>A 6 Stocks at end of period</strong></td>
<td>1978</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1979</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1980</td>
<td></td>
</tr>
</tbody>
</table>

1Acetic casein; the figures for other caseins and derivatives of caseins are not known, but are practically insignificant.

2Caseins, caseinates and other derivatives of casein.
### B. Exports of Casein

<table>
<thead>
<tr>
<th>Year: 1979</th>
<th>Q: '000 metric tons</th>
<th>V: US$'000(^1)/</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Total</strong></td>
<td>0</td>
<td>72</td>
</tr>
</tbody>
</table>

### C. Imports of Casein

<table>
<thead>
<tr>
<th>Year: 1979</th>
<th>Q: '000 metric tons</th>
<th>V: US$'000(^1)/</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>C Total</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>of which from EEC</td>
<td>1</td>
<td>2,360</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1,913</td>
</tr>
</tbody>
</table>

\(^{1}\)US$1 = Sw F 1.65

### D. Prices in International Trade

---

### E. Complementary Information

---