General information

Norway is Europe's northernmost country, with more than a quarter of its total area above the Arctic Circle. In the major agricultural regions, the summer (temperature above 10 degrees Celsius) lasts no longer than ninety to 120 days.

Because of the country's rugged topography, farm land is widely scattered and the agricultural sector is characterized by small farms. Relatively large and continuous stretches of farm land are to be found in only a few areas. Arable land covers only about 3 per cent of Norway's surface.

Due to the cool northern climate, grass is Norway's most important crop and a full two thirds of total farm land is used to grow grass. The remaining farm land is used to produce grain, for the most part feed grain, fruit and vegetables.

The degree of food self-sufficiency, calculated in terms of energy, is about 70 per cent. Fish and fish products represent about 20 per cent of this total. This self-sufficiency rate reflects the fact that Norway produces only limited quantities of food grain and oilseeds, and does not produce some commodities at all, such as tropical products and sugar. Sugar and imported wheat together account for 30 per cent of human caloric intake.

In many regions of Norway, agriculture, along with forestry and fishing activities, are major sources of employment. In these regions, government policy seeks to stimulate economic development through the expansion of existing industries and the creation of new jobs. Agricultural policy plays an important role in this respect. In order to avoid a population shift away from these regions, policies to maintain higher agricultural employment than would otherwise have been the case must be carried out.

There is an income-parity objective in Norwegian agricultural policy, which attempts to maintain incomes per man-year on rationally operated holdings at a level comparable to the average income per man-year in...
industry. Efficiency norms have been established to calculate the income per man-year in agriculture. These norms are differentiated according to regional criteria and farm size.

Thus, in assessing agricultural production in Norway, two factors should be taken into account; firstly, the relatively low level of food self-sufficiency, and secondly, the contribution agriculture makes in preventing population shifts away from rural areas.

The Norwegian agricultural sector mainly produces livestock products. The policy objective for these products is to meet domestic demand, primarily through the use of domestic grown fodder.

Production of livestock products is therefore closely adjusted to the actual domestic consumption. Surpluses that occasionally arise are generally disposed of on the domestic market. Cheese is the only agricultural product exported on a more permanent basis.

Guaranteed prices exist only for grain limited to the national consumption of food and feed grain, otherwise the prices determined in the Agricultural Agreement are target prices. The farmers' co-operatives, consisting of one national association for each product group, have the responsibility of maintaining a balanced market and consequently for securing these target prices. The funds necessary for such market intervention are allocated in accordance with the Agreement over the State budget and from a producer financed levy.

In addition to target prices, there are a number of programmes and other policy measures which have been established in the agricultural sector. Some of these are comprehensive programmes designed to benefit the agricultural sector in general, while other programmes have a narrower focus, such as seeking to promote agriculture in remote areas and on small farms.

The relationships between various product prices are of central importance to Norwegian agricultural policy. This is particularly the case for grain and milk. In the 1960s and 1970s, grain prices were fixed at relatively high levels in order to stimulate grain production in central areas. This made it possible to increase the more labour-intensive milk production in remote areas.

In order to regulate livestock production in line with demand, as well as stimulate domestic fodder production, prices of feed grain and feed concentrates are regulated.

In order to maintain agricultural incomes at a desirable level, other mechanisms aside from price mechanisms must be relied upon. Therefore, a substantial part of agricultural income is secured by way of other measures. These measures are for the most part differentiated according to the size of the production and local conditions.

A major review of the Norwegian agricultural policy is expected to be carried out in the near future.
A. Production

All dairies in Norway are producer co-operatives and collectively form the National Association of Norwegian Milk Producers and the Norwegian Dairies Association.

Receipts from the sales of dairy products, as well as funds received from the Government under various programmes, are paid to the Norwegian Dairies Association, and are distributed through this Association and the local dairy co-operatives to the dairy farmers based upon the amount of milk delivered to the dairy. The National Association of Norwegian Milk Producers is responsible for the equalization of milk producer prices. The Federation is also responsible for the sale and distribution of dairy products and allocates quotas to individual dairies for the production of cheese, milk powder and the allied products for which it guarantees outlets. Furthermore, the Federation is responsible for stabilizing the market through storage, by compulsory returns to producers at reduced prices, sales promotion or by export.

The prices for milk and dairy products determined under the Agricultural Agreement are maximum wholesale prices for skimmed, low fat and whole milk, and average wholesale prices for other dairy products.

The target price for milk producers in the Agricultural Agreement is calculated on the basis of a fixed total milk production and ultimate utilization of the milk. If, for example, the ultimate utilization of the milk is different from the calculation, because of increased production, the real milk price to the producers will be less than the calculated target price. A better adjustment of the production will therefore give a higher producer price.

Support programmes

Regional supports

The dairy farmers are paid a subsidy for each litre of milk delivered to the dairy depending upon the area in which the farmers are located. According to the Agreement 1991-92 the regional support ranges from NOK 0.04 to 1.64 per litre.

Man-year support

Dairy farmers receive man-year support which is given to all livestock farmers according to the labour use in livestock production. The support is limited to two man-years per holding.

Basic support

A basic support amount is paid for each litre of milk delivered to the dairy, regardless of the ultimate utilization of the milk. For 1991-92 the basic subsidy was fixed at NOK 0.480 per litre.
Low income subsidy

A general low income subsidy is given to each dairy holding.

Average price to producer

The average price obtained by the producer (at farmgate) in 1991 was NOK 3.44 per litre. This price includes the basic support but it excludes the regional subsidy.

Individual production quotas

Increased support led to a marked increase in production during the period prior to 1983. Since then production has fluctuated between 1,900 and 1,950 thousand tonnes but dropped to 1,871 thousand tonnes in 1988.

The milk production in Norway is likely to be reduced. During 1992 the production objective of 1,800 thousand tonnes of milk will be reduced by 25 thousand tonnes. In 1993 milk deliveries are expected to decline another 25 thousand tonnes, due to a tightening of the milk quota system. This reduction will be accomplished by baying out quotas, and not by a general reduction of the quotas. This system will have a structural effect upon Norwegian milk production. The system is operated by the National Association of Norwegian Milk Producers.

B. Internal prices and consumption

Prices of certain dairy products are under a system of price control. The wholesale prices fixed in the Agricultural Agreement are maximum prices.

Consumer subsidies are factors in the general economic policy and in influencing food consumption in the desired nutritional direction. In the economic policy context the consumer subsidies for milk have been paid by the Ministry of Children and Family Affairs in order to make consumer prices increase less than producer prices. An important objective is to apply subsidies in such a way that they especially give benefits to families with children and to families with low income. However, the consumer subsidies have been reduced in recent years.

The maximum wholesale prices, average wholesale prices and the consumer subsidies were as follows as of 1 July 1991:
The consumption per capita in 1991 of whole milk was 49 kgs., low-fat milk 91 kgs., skimmed milk 33 kgs., cream and sour cream 7 kgs., butter 3.0 kgs., and cheese 13.1 kgs.

The consumption of whole milk has decreased steadily since 1980. In 1989 the consumption of whole milk was 50 per cent compared with 1985. The consumption of low-fat milk has strongly increased since the product was introduced in 1984. During the last few years, the consumption of cheese has been stable, while the consumption of butter has decreased steadily.

In order to regulate the market for liquid and powder skimmed milk, compulsory return deliveries to the milk producers are used. Major export of skimmed milk powder will therefore not take place.

For butter, the market is to a great extent regulated by internal prices, compulsory return to producers at reduced prices and by temporary sales.

C. Measures at the frontier

1. The customs tariffs are as follows:

<table>
<thead>
<tr>
<th>Product</th>
<th>Tariff</th>
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<tbody>
<tr>
<td>04.01 Fresh Milk</td>
<td>NOK 0.24/kg.</td>
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<tr>
<td>04.02 Preserved milk</td>
<td>NOK 1.20/kg.</td>
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<tr>
<td>04.03 Sour cream, curdled milk, yoghurt etc.</td>
<td>NOK 0.50/kg.</td>
</tr>
<tr>
<td>04.04 Whey</td>
<td>NOK 0.24/kg.</td>
</tr>
<tr>
<td>04.05 Butter</td>
<td>NOK 2.80/kg. (EFTA:0)</td>
</tr>
<tr>
<td>04.06 Cheese</td>
<td>NOK 1.20/kg.</td>
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<tr>
<td>35.01.100 Casein</td>
<td>NOK 1.50/kg. (EFTA and EEC:0)</td>
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</table>
2. Pursuant to the Act of 22 June 1934 concerning bans on imports, a Royal Decree of 2 June 1960 lays down provisions regarding import bans on, among others:

(a) Milk and cream (fresh, preserved or sweetened)

(b) Butter

(c) Cheese

Special varieties of cheese may be imported under a liberal licensing system, up to a given quota. In 1991 the total import of cheese was 2,291 tonnes.

3. By the price pooling system the Federation of Dairies has the possibility to export dairy products at a lower price than one which can be obtained in the home market.

Export aid for butter and cheese, equal to the difference between a minimum export f.o.b. price and the actual f.o.b. export price, can be given. The minimum price for cheese is NOK 4.50 per kg. and for butter NOK 7.50 per kg. Export aid for milk powder and concentrated milk is calculated on the basis of the above-mentioned minimum prices. The minimum prices have not been changed since 1958. Due to higher world market prices than the minimum prices, export aids have not been given in recent years.

E. Bilateral, plurilateral and multilateral agreements

Within the framework of GATT/MTN, the United States has granted Norway a cheese quota of 7,200 metric tonnes of Jarlsberg cheese. Norway and the EC have an agreement concerning the reciprocal trade of 2,160 tonnes of cheese.