

**MULTILATERAL TRADE
NEGOTIATIONS
THE URUGUAY ROUND**

RESTRICTED

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of Support and Related Matters

SUBMISSION OF PSE DATA AND ESTIMATES

Poland

In accordance with paragraph 3 of MTN.GNG/NG5/7 the following PSE data and estimates as calculated by the Foreign Trade Research Institute in Warsaw have been submitted by Poland. It should be noted that these data and estimates are provisional and subject to revision. They are submitted without prejudice to Poland's approach to the use of an aggregate measurement in the negotiations on agriculture.

METHODOLOGY OF THE CALCULATION OF
PRODUCER SUBSIDY EQUIVALENTS FOR POLAND

1. General remarks

Estimates of Producer Subsidy Equivalents (PSEs) were calculated separately for the private and for the state sector. Data presented in the submitted negotiating paper constitute a sum of figures obtained for both sectors. Such methodology has been applied because of the existence of three sectors in the Polish agriculture, i.e.: the state sector, the co-operative sector and the private one. The private sector is the biggest one and amounts to seventy-five per cent of the whole agriculture. The other two sectors were treated as one.

The usage of the method resulted from the following factors:

- (1) particular sectors are given different forms of the state assistance;
- (2) particular sectors are subsidized in different ways;
- (3) in individual sectors the conditions of cultivation and breeding differ from each other.

PSEs were counted for the years 1985-1987 for the following agricultural products: wheat, rye, barley, rapeseed, sugar beets, pork, beef and milk.

2. Characteristics of the presented data

Total production consists of one, two or three positions. In case of industrial plants (rapeseed, sugar beets) there is only a state procurement. In case of cereals - the state procurement, free market transactions and self-supply. In case of animal products - the state procurement, free market transactions, self-supply and, eventually, co-operative, i.e., and inter-sector turnover.

In the enclosed papers PSEs referred to the total sales both for the state and for the private sector are presented. The total sales are usually lower than the total production (especially in case of the cereals in the private sector) because farmers are used to keeping a part of the output for their own purposes.

Producer price is a weighted average of state (procurement), free, co-operation and self-supply prices (if such exist).

A state price is a price guaranteed by the state if farmers decide to sell their products to procurement centres. The procurement price is, except milk, the loco procurement centre price (the price includes costs of

transportation from a farm to the procurement centre). Procurement prices of milk are loco farm prices. The procurement prices are the average prices paid to farmers in the calendar year. The procurement prices are fixed for both sectors, while free market prices are estimated in regard to the private farming.

A free price is a price obtained by farmers in the course of the free market transactions.

A co-operation price is a price fixed by individual farmers during so-called "co-operation transactions" (inter-sector ones).

A self-supply price is a price used by the Statistical Office in calculating the global production.

Adjusted export price is a reference world price. In the submitted paper a choice of the reference price depends on whether Poland is a net exporter of a particular product or whether she is a net importer. If Poland is a net exporter of a product an export price was applied. If Poland is a net importer an import price of the product was used. If Polish trade in a particular product was low or if it was difficult to state if Poland was a net importer or exporter the following world reference prices were used:

milk - New Zealand's price adopted to the Polish conditions in the same way as in the Finnish case;
pork - EEC's price adopted to the Polish conditions in the same way as in the Finnish case.

Import prices are average c.i.f. prices paid by the Polish foreign trade enterprises for goods imported from both hard-currency and ruble areas of settlements.

Export prices are average f.o.b. prices obtained for exported products by the Polish foreign trade enterprises. It was assumed that an average quality of the procured products equals to an average quality of products sold on the free market. This assumption is not valid in case of cattle because of the much higher quality of the exported animals (Poland exports the best quality animals). Then, the export price was corrected in the following way: relations between an average procurement price of cattle and a price list's price of the first class animals were counted (those indices amounted in 1985 to 0.848, in 1986 to 0.929, in 1987 to 0.414, in 1988 to 0.428) and the export price was multiplied by the obtained index.

Calculating of specific effects of individual policies was made accordingly with recommendations of the GATT experts.

Market price support equals to the effect of border measures. It is the volume of total sales multiplied by a gap between the average price and the adjusted export (border) price.

Differences between the procurement and the free prices oscillated from five to fifteen per cent and that is why the effect of procurement policies was ignored in the final calculations.

The budgetary subsidies to fertilizers, pesticides, fuels (coal), feeding stuffs, tractors and reduction of credit costs were classified as reduction of input costs.

All other budgetary expenses were classified as general services.

Direct payments are not used in the Polish agriculture.

Gross total value of PSE is a sum of the value of input subsidies and of the effect of border measures.

3. Final remarks

All data were obtained from the official statistical year-books. In regard to the figures describing the Polish agriculture GUS Year-books (the Main Statistical Office) were used. Regarding foreign figures FAO Trade Year-books were utilized. Prices in dollars were counted at the official rate of exchange of zloty to dollar. In case of significant devaluations within one year an average exchange rate was counted. The following exchange rates of zloty to dollar were applied in particular years:

1985 - US\$1 = 147,179 zlotys
1986 - US\$1 = 175,227 zlotys
1987 - US\$1 = 265,184 zlotys
1988 - US\$1 = 430,630 zlotys

POLAND

TABLE 1
Wheat

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1,000 tons	6,161.0	7,137.0	7,555.0
II. Producer price	zl./ton	23,431.0	25,913.0	30,249.0
III. Value of production	mil.zl	144,356.4	184,940.4	228,537.9
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	144,356.4	184,940.4	228,537.9
A. Market price support	mil.zl	23,158.5	58,591.2	70,895.3
1. Market price support	mil.zl	23,158.5	58,591.2	70,895.3
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	8,694.2	14,535.8	21,478.1
D. General services	mil.zl	14,803.2	17,852.0	20,563.5
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	46,655.9	90,979.0	112,936.9
VII. Gross unit PSE	zl./t	7,573.0	12,748.0	14,949.0
VIII. Gross percentage PSE	%	32.3	49.2	49.4

POLAND

TABLE 1a
Wheat

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987	1988
1. Production	1,000 tons	4,552.0	5,194.0	5,552.0	5,290.2
2. Total sales	1,000 tons	1,379.0	1,580.0	1,752.0	1,742.4
3. State procurement	1,000 tons	1,371.0	1,570.0	1,743.0	1,729.9
4. Free sales	1,000 tons	8.0	10.0	9.0	12.5
5. Procurement price	zl./ton	24,590.0	27,460.0	32,140.0	58,990.0
6. Free price	zl./ton	28,690.0	32,160.0	37,440.0	57,600.0
7. Total value received by producers	mil.zl	33,942.4	43,433.8	56,357.0	102,766.8
8. Value of procurement	mil.zl	33,712.9	43,112.2	56,020.0	102,046.8
9. Value of private sale	mil.zl	229.5	321.6	337.0	720.0
10. Average price	zl./ton	24,613.8	27,489.7	32,167.2	58,980.0
11. Imports - volume	1,000 tons	1,703.0	1,662.0	2,343.0	2,317.0
12. Imports - value	mil.zl	33,501.0	29,423.0	48,889.0	102,544.0
13. Import price	zl./ton	19,671.8	17,703.4	20,866.0	44,257.2
14. Value of production in import prices	mil.zl	27,127.4	27,971.3	36,557.2	77,113.8
15. Effect of border measures	mil.zl	6,815.1	15,462.5	19,799.8	25,653.0
16. Input subsidies per unit of production	zl./ton	2,260.0	2,910.0	3,860.0	5,460.0
17. Value of input subsidies	mil.zl	3,117.0	4,597.0	6,763.0	9,514.0
18. Total PSE	mil.zl	9,932.1	20,059.5	26,562.8	35,167.0
19. PSE per unit value	%	29.3	46.2	47.1	34.2
20. PSE per unit produc.	zl./kg.	7,202.4	12,695.9	15,161.4	20,183.1

POLAND

TABLE 1b
Wheat

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production	1,000 tons	1,609.0	1,943.0	2,003.0
2. Total sales	1,000 tons	753.0	846.0	849.0
3. State procurement	1,000 tons	713.0	799.0	802.0
4. Free sales	1,000 tons	40.0	47.0	47.0
5. Procurement price	zł./ton	24,590.0	27,460.0	32,140.0
6. Free price	zł./ton	28,700.0	32,574.0	37,447.0
7. Total value received by producers	mil.zł	18,680.7	23,471.5	27,536.3
8. Value of procurement	mil.zł	17,532.7	21,940.5	25,776.3
9. Value of private sale	mil.zł	1,148.0	1,531.0	1,760.0
10. Average price	zł./ton	24,808.3	27,744.1	32,433.8
11. Imports - volume	1,000 tons	1,703.0	1,652.0	2,343.0
12. Imports - value	mil.zł	33,501.0	29,423.0	48,889.0
13. Import price	zł./ton	19,671.8	17,703.4	20,866.0
14. Value of production in import prices	mil.zł	14,812.8	14,977.1	17,715.2
15. Effect of border measures	mil.zł	3,867.8	8,494.5	9,821.1
16. Input subsidies per unit of production	zł./ton	8,209.8	8,890.1	10,289.8
17. Value of input subsidies	mil.zł	6,182.0	7,521.0	8,736.0
18. Total PSE	mil.zł	10,049.8	16,015.5	18,557.1
19. PSE per unit value	z	53.8	68.2	67.4
20. PSE per unit produc.	zł./kg.	13,346.4	18,930.8	21,857.6

POLAND

TABLE 2
Rye

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1,000 tons	7,308.0	6,813.0	6,578.0
II. Producer price	zl./ton	16,819.0	18,906.0	22,553.0
III. Value of production	mil.zl	122,917.9	128,811.0	148,352.9
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	122,917.9	128,811.0	148,352.9
A. Market price support	mil.zl	10,832.2	23,777.0	42,747.1
1. Market price support	mil.zl	10,832.2	23,777.0	42,747.1
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	7,388.2	11,075.9	12,840.0
D. General services	mil.zl	11,610.0	11,329.0	14,210.5
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	29,830.4	46,181.9	69,797.6
VII. Gross unit PSE	zl./t	4,082.0	6,778.0	10,611.0
VIII. Gross percentage PSE	%	24.3	35.8	47.1

POLAND

TABLE 2a
Rye

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987	1988
1. Production	1,000 tons	6,410.0	5,992.0	5,907.0	4,761.9
2. Total sales	1,000 tons	1,454.0	1,077.0	1,009.0	732.2
3. State procurement	1,000 tons	1,421.0	1,050.0	982.0	705.7
4. Free sales	1,000 tons	33.0	27.0	27.0	26.5
5. Procurement price	zł./ton	18,550.0	20,370.0	23,880.0	46,280.0
6. Free price	zł./ton	21,060.0	24,400.0	29,250.0	45,950.0
7. Total value received by producers	mil.zł	27,054.5	22,047.3	24,239.9	33,877.5
8. Value of procurement	mil.zł	26,359.6	21,388.5	23,450.2	32,659.8
9. Value of private sale	mil.zł	695.0	658.8	789.8	1,217.7
10. Average price	zł./ton	18,607.0	20,471.0	24,023.7	46,268.1
11. Imports - volume	1,000 tons	0.0	0.0	29.4	0.0
12. Imports - value	mil.zł	0.0	0.0	472.0	0.0
13. Import price	zł./ton	0.0	0.0	16,054.4	0.0
14. Value of production in import prices	mil.zł	0.0	0.0	16,198.9	0.0
15. Exports - volume	1,000 tons	409.0	36.0	0.8	18.0
16. Exports - value	mil.zł	6,273.0	555.0	18.0	693.0
17. Export price	zł./ton	15,337.4	15,416.7	22,500.0	38,500.0
18. Value of production in export prices	mil.zł	22,300.6	16,603.8	22,702.5	28,189.7
19. Effect of border measures	mil.zł	4,753.9	5,443.6	8,041.0	5,687.8
20. Input subsidies per unit of production	zł./ton	2,000.0	2,680.0	3,590.0	5,220.0
21. Value of input subsidies	mil.zł	2,908.0	2,886.0	3,622.0	3,822.0
22. Total PSE	mil.zł	7,661.9	8,329.6	11,663.0	9,509.8
23. PSE per unit value	%	28.3	37.8	48.1	28.1
24. PSE per unit produc.	zł./kg.	5,269.6	77,34.0	11,559.0	12,987.9

POLAND

TABLE 2b
Rye

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production	1,000 tons	898.0	821.0	671.0
2. Total sales	1,000 tons	606.0	480.0	369.0
3. State procurement	1,000 tons	602.0	477.0	366.0
4. Free sales	1,000 tons	4.0	3.0	3.0
5. Procurement price	zl./ton	18,550.0	20,370.0	23,880.0
6. Free price	zl./ton	20,000.0	22,666.0	27,333.0
7. Total value received by producers	mil.zl	11,247.1	9,784.5	8,822.1
8. Value of procurement	mil.zl	11,167.1	9,716.5	8,740.1
9. Value of private sale	mil.zl	80.0	68.0	82.0
10. Average price	zl./ton	18,559.6	20,384.4	23,908.1
11. Imports - volume	1,000 tons	0.0	0.0	29.4
12. Imports - value	mil.zl	0.0	0.0	472.0
13. Import price	zl./ton	0.0	0.0	16,054.4
14. Value of production in import prices	mil.zl	0.0	0.0	5,924.1
15. Exports - volume	1,000 tons	409.0	36.0	0.8
16. Exports - value	mil.zl	6,273.0	555.0	18.0
17. Export price	zl./ton	15,337.4	15,416.7	22,500.0
18. Value of production in export prices	mil.zl	9,294.5	7,400.0	8,302.5
19. Effect of border measures	mil.zl	1,952.6	2,384.5	2,898.0
20. Input subsidies per unit of production	zl./ton	6,880.0	7,730.0	8,710.0
21. Value of input subsidies	mil.zl	4,169.0	3,710.0	3,214.0
22. Total PSE	mil.zl	6,121.6	6,094.5	6,112.0
23. PSE per unit value	%	54.4	62.3	69.3
24. PSE per unit produc.	zl./kg.	10,101.7	12,696.9	16,563.7

POLAND

TABLE 3
Barley

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1,000 tons	3,912.0	4,142.0	4,073.0
II. Producer price	zl./ton	22,140.0	23,186.0	27,522.0
III. Value of production	mil.zl	84,397.9	96,038.2	112,096.1
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	84,397.9	96,038.2	112,096.1
A. Market price support	mil.zl	23,843.9	46,182.5	46,129.0
1. Market price support	mil.zl	23,843.9	46,182.5	46,129.0
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	4,931.1	8,352.1	8,556.5
D. General services	mil.zl	10,771.0	10,253.2	11,799.4
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	39,546.0	64,787.8	66,484.9
VII. Gross unit PSE	zl./t	10,374.0	15,642.0	16,323.0
VIII. Gross percentage PSE	%	46.8	67.5	59.3

POLAND

TABLE 3a
Barley

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987	1988
1. Production	1,000 tons	2,512.0	2,878.0	2,938.0	2,641.9
2. Total sales	1,000 tons	759.0	814.0	817.0	686.7
3. State procurement	1,000 tons	747.0	800.0	803.0	671.7
4. Free sales	1,000 tons	12.0	14.0	14.0	15.0
5. Procurement price	zl./ton	23,970.0	26,640.0	30,410.0	53,850.0
6. Free price	zl./ton	24,970.0	28,450.0	33,740.0	51,700.0
7. Total value received by producers	mil.zl	18,205.2	21,710.3	24,891.6	36,946.5
8. Value of procurement	mil.zl	17,905.6	21,312.0	24,419.2	36,171.0
9. Value of private sale	mil.zl	299.6	398.3	472.4	775.5
10. Average price	zl./ton	23,985.8	26,671.1	30,467.1	53,803.0
11. Imports - volume	1,000 tons	383.0	192.0	316.0	380.0
12. Imports - value	mil.zl	6,084.0	2,311.0	5,118.0	15,804.0
13. Import price	zl./ton	15,885.1	12,036.5	16,196.2	41,589.5
14. Value of production in import prices	mil.zl	12,056.8	9,797.7	13,232.3	28,559.5
15. Effect of border measures	mil.zl	6,148.4	11,912.6	11,659.3	8,387.1
16. Input subsidies per unit of production	zl./ton	2,090.0	2,670.0	3,610.0	5,030.0
17. Value of input subsidies	mil.zl	1,586.0	2,173.0	2,949.0	3,454.0
18. Total PSE	mil.zl	7,734.4	14,085.6	14,608.3	11,841.1
19. PSE per unit value	z	42.5	64.9	58.7	32.0
20. PSE per unit produc.	zl./kg.	10,190.3	17,304.2	17,880.4	17,243.4

POLAND

TABLE 3b
Barley

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production	1,000 tons	1,300.0	1,264.0	1,135.0
2. Total sales	1,000 tons	359.0	346.0	329.0
3. State procurement	1,000 tons	335.0	320.0	302.0
4. Free sales	1,000 tons	24.0	26.0	27.0
5. Procurement price	zl./ton	23,970.0	26,640.0	30,410.0
6. Free price	zl./ton	24,958.0	29,115.0	33,741.0
7. Total value received by producers	mil.zl	8,628.9	9,281.8	10,094.8
8. Value of procurement	mil.zl	8,030.0	8,524.8	9,183.8
9. Value of private sale	mil.zl	599.0	757.0	911.0
10. Average price	zl./ton	24,036.1	26,826.0	30,683.4
11. Imports - volume	1,000 tons	383.0	192.0	316.0
12. Imports - value	mil.zl	6,084.0	2,311.0	5,118.0
13. Import price	zl./ton	15,885.1	12,036.5	16,196.2
14. Value of production in import prices	mil.zl	5,702.8	4,164.6	5,328.6
15. Effect of border measures	mil.zl	2,926.2	5,117.2	4,766.3
16. Input subsidies per unit of production	zl./ton	8,040.0	8,640.0	8,590.0
17. Value of input subsidies	mil.zl	2,886.0	2,989.0	2,826.0
18. Total PSE	mil.zl	5,812.2	8,106.2	7,592.3
19. PSE per unit value	z	67.4	87.3	75.2
20. PSE per unit produc.	zl./kg.	16,189.9	23,428.3	23,076.8

POLAND

TABLE 4
Sugar Beet

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1,000 tons	14,174.0	13,779.0	13,517.0
II. Producer price	zl./ton	4,080.0	5,020.0	6,800.0
III. Value of production	mil.zl	57,830.0	69,170.6	91,915.6
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	57,830.0	69,170.6	91,915.6
A. Market price support	mil.zl	22,684.1	14,421.1	16,267.7
1. Market price support	mil.zl	22,684.1	14,421.1	16,267.7
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	3,548.9	6,158.0	7,633.9
D. General services	mil.zl	4,812.4	4,984.0	7,291.6
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	31,045.4	25,563.1	31,193.2
VII. Gross unit PSE	zl./t	2,190.0	1,855.0	2,308.0
VIII. Gross percentage PSE	%	53.7	37.0	33.9

POLAND

TABLE 4a
Sugar

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987
1. Sugar beet production	1,000 tons	14,644.0	14,217.0	13,989.0
2. Sugar beet production on the private farms	1,000 tons	11,952.0	11,745.0	11,340.0
3. Sugar beet production on the private farms	%	81.5	82.6	81.1
4. Sugar production	1,000 tons	1,708.0	1,753.0	1,671.0
5. Sugar production on the private farms	1,000 tons	1,392.1	1,448.2	1,354.6
7. Sugar beet procurement price	zł./ton	4,080.0	5,020.0	6,800.0
8. Sugar price	zł./ton	34,539.2	42,512.8	57,614.7
9. Sugar production value	mil.zł	58,993.0	74,525.0	96,274.0
10. Sugar production value on the private farms	mil.zł	48,082.6	61,566.8	78,043.4
11. Imports - volume	1,000 tons	109.5	153.3	161.0
12. Imports - value	mil.zł	3,731.6	4,751.0	7,129.0
13. Import price	zł./ton	34,078.5	30,991.5	44,279.5
14. Exports - volume	1,000 tons	195.8	130.9	296.1
15. Exports - value	mil.zł	4,114.4	4,407.8	14,043.5
16. Export price	zł./ton	21,013.3	33,673.0	47,428.2
17. Value of production on the private farms in export prices	mil.zł	29,252.6	48,765.3	64,246.3
18. Effect of border measures	mil.zł	18,830.0	12,801.5	13,797.1
19. Input subsidies per unit of production	zł./ton	3,692.0	5,109.0	7,702.0
20. Value of input subsidies	mil.zł	5,139.4	7,399.4	10,432.8
21. Total PSE	mil.zł	23,969.4	20,200.9	24,229.9
22. PSE per unit value	%	49.9	32.8	31.0
23. PSE per unit produc.	zł./ton	17,218.2	13,949.0	17,887.1

POLAND

TABLE 4b
Sugar

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Sugar beet production	1,000 tons	14,644.0	14,217.0	13,989.0
2. Sugar beet production on the State farms	1,000 tons	2,222.0	2,034.0	2,177.0
3. Sugar beet production on the State farms	z	15.2	14.3	15.6
4. Sugar production	1,000 tons	1,708.0	1,753.0	1,671.0
5. Sugar production on the State farms	1,000 tons	259.0	251.0	260.0
6. Commercial sugar beet production on the State farms	mil.zl	9,066.0	10,211.0	14,803.0
7. Sugar beet procurement price	zl./ton	4,080.0	5,020.0	6,800.0
8. Sugar price	zl./ton	34,539.2	42,512.8	57,614.7
9. Sugar production value	mil.zl	58,993.0	74,525.0	96,274.0
10. Sugar production value on the State farms	mil.zl	8,946.0	10,671.0	14,979.0
11. Imports - volume	1,000 tons	109.5	153.3	161.0
12. Imports - value	mil.zl	3,731.6	4,751.0	7,129.0
13. Import price	zl./ton	34,078.5	30,991.5	44,279.5
14. Exports - volume	1,000 tons	195.8	130.9	296.1
15. Exports - value	mil.zl	4,114.4	4,407.8	14,043.5
16. Export price	zl.ton	21,013.3	33,673.0	47,428.2
17. Value of production on the State farms in export prices	mil.zl	5,442.0	8,451.0	12,332.0
18. Effect of border measures	mil.zl	3,504.0	2,220.0	2,647.0
19. Input subsidies per unit of production	zl./ton	12,905.0	15,272.0	18,426.0
20. Value of input subsidies	mil.zl	3,342.0	3,834.0	4,791.0
21. Total PSE	mil.zl	6,846.0	6,054.0	7,438.0
22. PSE per unit value	z	76.5	56.7	49.7
23. PSE per unit produc.	zl./ton	26,432.4	24,119.5	28,607.7

POLAND

TABLE 5
Rapeseed

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1000 tons	977.9	1,202.9	1,104.6
II. Producer price	zl./ton	45,462.7	47,964.1	50,940.6
III. Value of production	mil.zl	44,458.0	57,696.0	56,269.0
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	44,458.0	57,696.0	56,269.0
A. Market price support	mil.zl	8,763.2	22,280.6	16,633.6
1. Market price support	mil.zl	8,763.2	22,280.6	16,633.6
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	3,779.0	6,724.2	9,118.7
D. General services	mil.zl	8,972.6	9,758.2	8,697.7
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	21,514.8	38,763.1	34,450.0
VII. Gross unit PSE	zl./t	22,001.0	32,255.0	31,188.0
VIII. Gross percentage PSE	%	48.0	66.6	60.3

POLAND

TABLE 5a
Rapeseed

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987
1. Total sales	1000 tons	336.9	460.9	428.6
2. Procurement price	zl./ton	45,993.2	48,520.6	51,874.4
3. Total value received by producer	mil.zl	15,049.5	21,776.4	21,300.0
4. Exports - volume	1000 tons	236.5	502.7	421.1
5. Exports - value	mil.zl	8,731.3	15,024.5	15,442.4
6. Export price	zl./ton	36,918.8	29,887.6	36,671.6
7. Value of production in export prices	mil.zl	12,437.9	13,775.2	15,717.4
8. Effect of border measures	mil.zl	2,611.6	8,001.2	5,582.6
9. Input subsidies per unit of production	zl./ton	5,067.0	6,291.0	8,594.0
10. Value of input subsidies	mil.zl	1,706.9	2,899.5	3,683.4
11. Total PSE	mil.zl	4,318.5	10,900.7	9,266.0
12. PSE per unit value	%	28.7	50.1	43.5
13. PSE per unit produc.	zl./kg.	12,816.2	23,650.9	21,619.1

POLAND

TABLE 5b
Rapeseed

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production	1000 tons	652.0	742.0	677.0
2. Total sales	1000 tons	641.0	742.0	676.0
3. State procurement	1000 tons	641.0	742.0	676.0
4. Free sales	1000 tons	0.0	0.0	0.0
5. Procurement price	zl./ton	45,880.0	48,410.0	51,730.0
6. Free price	zl./ton	0.0	0.0	0.0
7. Total value received by producers	mil.zl	29,409.1	35,920.2	34,969.5
8. Value of procurement	mil.zl	29,409.1	35,920.2	34,969.5
9. Value of private sale	mil.zl	0.0	0.0	0.0
10. Average price	zl./ton	45,880.0	48,410.0	51,730.0
11. Exports - volume	1000 tons	236.5	502.7	421.1
12. Exports - value	mil.zl	8,731.3	15,024.5	15,442.4
13. Export price	zl./ton	36,918.8	29,887.6	36,671.6
14. Value of production in export prices	mil.zl	23,665.0	22,176.6	24,790.0
15. Effect of border measures	mil.zl	5,744.1	13,743.6	10,179.5
16. Input subsidies per unit of production	zl./ton	17,150.0	18,140.0	20,650.0
17. Value of input subsidies	mil.zl	10,993.0	13,459.0	13,959.0
18. Total PSE	mil.zl	16,737.1	27,202.6	24,138.5
19. PSE per unit value	%	56.9	75.7	69.0
20. PSE per unit produc.	zl./kg.	26,110.9	36,661.2	35,707.8

POLAND

TABLE 6
Pork

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986
I. Level of production	1000 tons	1,767.3	2,042.5
II. Producer price	zl./ton	169,392.0	182,301.0
III. Value of production	mil.zl	299,367.3	372,350.0
IV. Direct payments	mil.zl	0.0	0.0
V. Adjusted value of production	mil.zl	299,367.3	372,350.0
A. Market price support	mil.zl	16,967.2	14,343.1
1. Market price support	mil.zl	16,967.2	14,343.1
2.	mil.zl		
3.	mil.zl		
4.	mil.zl		
5.	mil.zl		
6.	mil.zl		
B. Direct payments	mil.zl	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0
3. Disaster	mil.zl	0.0	0.0
4. Diversion	mil.zl	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0
6. Other	mil.zl	0.0	0.0
7. Other	mil.zl	0.0	0.0
8. Other	mil.zl	0.0	0.0
C. Reduction of input costs	mil.zl	41,992.9	69,052.7
D. General services	mil.zl	25,281.9	28,226.3
E. Sub-national	mil.zl		
F. Other	mil.zl		
VI. Gross total PSE	mil.zl	84,242.0	111,622.1
VII. Gross unit PSE	zl./t	47,667.0	54,650.0
VIII. Gross percentage PSE	%	28.1	30.0

POLAND

TABLE 6a
Pork

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987
1. Production	1000 tons	1,340.9	1,560.5	1,563.7
2. Total sales	1000 tons	1,040.9	1,260.5	1,251.7
3. State procurement	1000 tons	891.2	1,108.6	1,079.5
4. Free sales	1000 tons	131.5	130.4	153.6
5. Co-operation	1000 tons	18.2	21.5	18.6
6. Procurement price	zł./ton	167,000.0	180,000.0	204,000.0
7. Free price	zł./ton	194,000.0	208,000.0	238,000.0
8. Co-operation price	zł./ton	171,000.0	186,000.0	209,000.0
9. Total value received by producers	mil.zł	177,453.0	230,670.0	260,662.0
10. Value of procurement	mil.zł	148,830.0	199,548.0	220,218.0
11. Value of private sale	mil.zł	25,511.0	27,123.0	36,557.0
12. Value of co-operation	mil.zł	3,112.0	3,999.0	3,887.0
13. Reference price	US\$/t	1,085.7	1,000.3	
14. Reference price	zł./t	159,792.0	175,279.0	
15. Value of production in reference prices	mil.zł	166,327.0	220,939.0	
16. Effect of border measures	mil.zł	11,126.0	9,731.0	
17. Input subsidies per unit of production	zł./ton	31,950.0	43,670.0	
18. Value of input subsidies	mil.zł	33,257.0	55,046.0	
19. Total PSE	mil.zł	44,383.0	64,777.0	
20. PSE per unit value	z	25.0	28.1	
21. PSE per unit produc.	zł./kg.	42,639.1	51,389.9	

POLAND

TABLE 6b
Pork

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production	1000 tons	427.8	482.0	508.8
2. Total sales	1000 tons	426.4	482.0	508.8
3. State procurement	1000 tons	419.7	468.6	493.1
4. Free sales	1000 tons	14.7	23.6	25.3
5. Co-operation	1000 tons	(8.0)	(10.2)	(9.6)
6. Procurement price	zł./ton	167,000.0	180,000.0	204,000.0
7. Free price	zł./ton	194,000.0	208,000.0	238,000.0
8. Co-operation price	zł./ton	172,750.0	186,400.0	211,100.0
9. Total value received by producers	mil.zł	71,559.0	87,356.0	104,586.0
10. Value of procurement	mil.zł	70,089.0	84,348.0	100,592.0
11. Value of private sale	mil.zł	2,852.0	4,909.0	6,021.0
12. Value of co-operation	mil.zł	(1,382.0)	(1,901.0)	(2,027.0)
13. Reference price	US\$/t	1,085.7	1,000.3	
14. Reference price	zł./t	159,792.0	175,279.0	
15. Value of production in reference prices	mil.zł	68,135.0	84,484.0	
16. Effect of border measures	mil.zł	3,424.0	2,872.0	
17. Input subsidies per unit of production	zł./ton	57,300.0	60,440.0	
18. Value of input subsidies	mil.zł	24,433.0	29,132.0	
19. Total PSE	mil.zł	27,857.0	32,004.0	
20. PSE per unit value	z	38.9	36.6	
21. PSE per unit produc.	zł./kg.	65,330.7	66,398.3	

POLAND

TABLE 7
Beef

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1000 tons	1,331.2	1,396.5	1,377.2
II. Producer price	zl./ton	134,081.0	148,852.0	174,587.0
III. Value of production	mil.zl	178,043.6	207,872.0	240,441.5
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	178,043.6	207,872.0	240,441.5
A. Market price support	mil.zl	24,500.3	19,477.1	76,846.6
1. Market price support	mil.zl	24,500.3	19,477.1	76,846.6
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fees	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	3,954.7	5,590.0	6,605.0
D. General services	mil.zl	15,562.9	15,923.8	19,505.5
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	44,017.9	40,990.9	102,957.1
VII. Gross unit PSE	zl./t	33,666.0	29,353.0	74,758.0
VIII. Gross percentage PSE	%	24.7	19.7	42.8

POLAND

TABLE 7a
Beef

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987	1988
1. Production	1000 tons	1,061.0	1,126.6	1,108.7	1,067.5
2. Total sales	1000 tons	1,020.0	1,086.6	1,067.7	1,027.5
3. State procurement	1000 tons	981.6	1,048.5	1,024.9	978.9
4. Free sales	1000 tons	31.7	30.5	35.4	35.0
5. Co-operation	1000 tons	6.7	7.6	7.4	13.6
6. Procurement price	zl./ton	134,000.0	150,000.0	150,000.0	342,000.0
7. Free price	zl./ton	126,000.0	136,000.0	136,000.0	267,000.0
8. Co-operation price	zl./ton	130,000.0	147,000.0	150,000.0	358,000.0
9. Total value received by producers	mil.zl	136,399.0	162,540.0	187,251.0	348,996.0
10. Value of procurement	mil.zl	131,534.0	157,275.0	180,382.0	334,783.0
11. Value of private sale	mil.zl	3,994.0	4,148.0	5,522.0	9,345.0
12. Value of co-operation	mil.zl	871.0	1,117.0	1,347.0	4,868.0
13. Average price	zl./ton	133,724.5	149,585.9	175,377.9	339,655.5
14. Export - volume	1000 tons	10,853.0	9,278.0	22,278.0	53,161.0
15. Export - value	mil.zl				
16. Adjusted export price	zl./ton	115,342.0	134,905.0	118,788.0	164,267.0
17. Value of production in adj. exp. prices	mil.zl	117,648.8	146,587.8	126,829.9	168,784.3
18. Effect of border measures	mil.zl	18,750.2	15,952.2	60,421.1	(180,211.7)
19. Input subsidies per unit of production	zl./ton	7,600.0	8,730.0	12,050.0	18,910.0
20. Value of input subsidies	mil.zl	7,752.0	9,489.0	12,865.0	19,420.0
21. Total PSE	mil.zl	26,502.2	25,441.2	73,286.1	(160,791.7)
22. PSE per unit value	%	19.4	15.7	39.1	(46.1)
23. PSE per unit produc.	zl./ton	24,978.5	22,582.3	66,100.9	(150,624.5)

POLAND

TABLE 7b
Beef

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production	1000 tons	264.7	257.5	256.8
2. Total sales	1000 tons	270.2	269.9	268.5
3. State procurement	1000 tons	262.2	253.5	252.5
4. Free sales	1000 tons	10.4	11.6	16.1
5. Co-operation	1000 tons	(2.4)	(2.2)	(0.1)
6. Procurement price	zl./ton	134,000.0	150,000.0	176,000.0
7. Free price	zl./ton	125,962.0	136,034.0	112,422.0
8. Co-operation price	zl./ton			
9. Total value received by producers	mil.zl	36,154.0	39,294.0	45,884.0
10. Value of procurement	mil.zl	35,135.0	38,025.0	44,440.0
11. Value of private sale	mil.zl	1,310.0	1,578.0	1,810.0
12. Value of co-operation	mil.zl	(300.0)	(309.0)	(366.0)
13. Average price	zl./ton	133,771.3	145,587.3	170,890.1
14. Export - volume	1000 tons	10,853.0	9,278.0	22,278.0
15. Export - value	mil.zl			
16. Adjusted export price	zl./ton	115,342.0	134,905.0	118,788.0
17. Value of production in adj. exp. prices	mil.zl	31,165.4	36,410.9	31,894.6
18. Effect of border measures	mil.zl	4,979.6	2,883.1	13,989.4
19. Input subsidies per unit of production	zl./ton	42,390.0	43,270.0	44,120.0
20. Value of input subsidies	mil.zl	11,454.0	11,380.0	11,846.0
21. Total PSE	mil.zl	16,433.6	14,263.1	25,835.4
22. PSE per unit value	z	45.5	4.0	3.9
23. PSE per unit produc.	zl./ton	62,083.8	55,390.8	100,605.2

POLAND

TABLE 8
Milk

PRODUCER SUBSIDY EQUIVALENTS

	Unit	1985	1986	1987
I. Level of production	1000 tons	16,194.0	15,554.0	15,313.0
II. Producer price	zl./ton	22,435.0	26,289.0	31,713.0
III. Value of production	mil.zl	363,312.8	408,897.6	485,617.3
IV. Direct payments	mil.zl	0.0	0.0	0.0
V. Adjusted value of production	mil.zl	363,312.8	408,897.6	485,617.3
A. Market price support	mil.zl	178,004.9	208,608.7	75,933.3
1. Market price support	mil.zl	178,004.9	208,608.7	75,933.3
2.	mil.zl			
3.	mil.zl			
4.	mil.zl			
5.	mil.zl			
6.	mil.zl			
B. Direct payments	mil.zl	0.0	0.0	0.0
1. Deficiency payments	mil.zl	0.0	0.0	0.0
2. Not based on output	mil.zl	0.0	0.0	0.0
3. Disaster	mil.zl	0.0	0.0	0.0
4. Diversion	mil.zl	0.0	0.0	0.0
5. Levies, fee	mil.zl	0.0	0.0	0.0
6. Other	mil.zl	0.0	0.0	0.0
7. Other	mil.zl	0.0	0.0	0.0
8. Other	mil.zl	0.0	0.0	0.0
C. Reduction of input costs	mil.zl	7,272.9	9,651.9	11,382.8
D. General services	mil.zl	23,329.5	24,639.6	30,646.6
E. Sub-national	mil.zl			
F. Other	mil.zl			
VI. Gross total PSE	mil.zl	208,607.3	242,900.2	117,962.7
VII. Gross unit PSE	zl./t	12,882.0	15,617.0	7,703.0
VIII. Gross percentage PSE	%	57.4	59.4	24.3

POLAND

TABLE 8a
Milk

PRODUCER SUBSIDY EQUIVALENTS
(Private Sector)

	Unit	1985	1986	1987
1. Production*	1000 tons	13,984.0	13,362.0	13,108.0
2. Total sales*	1000 tons	9,954.0	9,391.6	9,387.5
3. State procurement*	1000 tons	9,510.1	9,010.4	9,120.0
4. Free sales	1000 tons	443.9	381.2	267.5
5. Procurement price	zl./l.	23.1	27.1	32.7
6. Free price	zl./l.	25.0	29.0	34.0
7. Total value received by producers	mil.zl	223,732.0	247,442.0	297,933.0
8. Value of procurement	mil.zl	212,975.0	236,724.0	289,117.0
9. Value of private sale	mil.zl	10,757.0	10,718.0	8,816.0
10. Reference price	US\$/t	77.75	73.49	100.89
11. Reference price	zl./t	11,443.0	12,877.0	26,754.0
12. Value of production in reference prices	mil.zl	113,904.0	120,936.0	251,153.0
13. Effect of border measures	mil.zl	109,828.0	126,506.0	46,780.0
14. Input subsidies per unit of production	zl./ton	1,238.0	1,578.0	2,207.0
15. Input subsidies per unit of production	zl./1000 l	1,200.0	1,530.0	2,140.0
16. Value of input subsidies	mil.zl	12,323.0	14,819.0	20,718.0
17. Total PSE	mil.zl	122,151.0	141,325.0	67,498.0
18. PSE per unit value	z	54.6	57.1	22.7
19. PSE per unit product	zl./kg.	12,271.5	15,048.0	7,190.2

* 1 litre milk = 1.0315 kg.

POLAND

TABLE 8b
Milk

PRODUCER SUBSIDY EQUIVALENTS
(State Sector)

	Unit	1985	1986	1987
1. Production *	1000 tons	2,210.0	2,192.0	2,205.0
2. Total sales *	1000 tons	2,080.3	2,059.7	2,070.6
3. State procurement *	1000 tons	1,780.0	1,762.8	1,777.2
4. Free sales	1000 tons	300.3	296.9	293.4
5. Procurement price	zł./l.	23.1	27.1	32.7
6. Free price	zł./l.	25.0	29.0	34.0
7. Total value received by producers	mil.zł	47,142.0	54,660.0	66,012.0
8. Value of procurement	mil.zł	39,864.0	46,311.0	56,342.0
9. Value of private sale	mil.zł	7,278.0	8,349.0	9,670.0
10. Reference price	US\$/t	77.75	73.49	100.89
11. Reference price	zł./t	11,443.0	12,877.0	26,754.0
12. Value of production in reference prices	mil.zł	23,805.0	26,523.0	53,706.0
13. Effect of border measures	mil.zł	23,337.0	28,137.0	12,306.0
14. Input subsidies per unit of production	zł./ton	6,901.0	7,025.0	7,158.0
15. Input subsidies per unit of production	zł./1000 l.	6,690.0	6,810.0	6,940.0
16. Value of input subsidies	mil.zł	14,356.0	14,469.0	14,821.0
17. Total PSE	mil.zł	37,693.0	42,606.0	27,127.0
18. PSE per unit value	%	80.0	77.9	41.1
19. PSE per unit produc.	zł./kg.	18,119.0	20,685.5	13,101.0

* 1 litre milk = 1.0315 kg.