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COMMISSION REPORT TO THE COUNCIL
ON THE SITUATION REGARDING THE
PRODUCTION AND MARKETING OF HOPS (1980 HARVEST)

Proposal for a
COUNCIL REGULATION (EEC)
laying down, in respect of hops, the amount of aid to producers for the 1980 harvest

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(submitted to the Council by the Commission)

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ON THE SITUATION REGARDING THE
PRODUCTION AND MARKETING OF HOPS (1980 HARVEST)

Under Council Regulation No 1696/71 of 26 July 1971, the Commission each year before 30 April, presents to the Council a report on the situation regarding the production and marketing of hops and concludes by submitting proposals for aid in respect of the harvest of the previous year. This report concerns the 1980 harvest.

It will be recalled that a proposal from the Commission to the Council, to the effect that the prohibition on the extension of the area under hops in the Community, which had been in force until 31 December 1979, should be continued, had to be withdrawn in March 1980 following the difficulties it met with at Council level. The 1980 Community harvest turned out to be small (17% less was harvested than the average of the nine preceding years), and the increase in area of more than 4 000 ha registered in the world in 1979/80 took place mostly in the United States and in Czechoslovakia.

It follows that, although in the short term the world market appears more or less balanced at the moment, any further abrupt increase in area will have to be avoided, since, in the event of large harvests in 1981 or 1982, this would inevitably result in a fresh collapse of prices at world level. As in the past, the Commission is pursuing its discussions with the other large producer countries of the world, in order to bring home the medium-term need for a cautious policy with regard to new plantings.

I. WORLD SITUATION

(a) Structure of the market (Tables 1 and 2)

Since substantial quantities of hops are traded on the world market, prices are greatly influenced by the relationship between supply and demand at world level.

The world market may be said to consist of five fairly homogeneous sectors:

1.	EEC:	: Normally a net exporter of 30% of its production
2.	USA	: Normally a net exporter of 30% of its production
3.	COMECON	: Net importer of 5 to 10% of its requirements
4.	Other main producer countries	: Net importers of 5 to 10% of their requirements
5.	Other countries, mainly non-producers	: Net importers of 95% of their requirements.

Substantial quantities may however be traded within each of these sectors or between sectors, e.g. the EEC-USA-COMECON triangle. Demand is growing particularly in the developing countries and some of the state-trading countries. Until now the export market has been shared more or less equally between the Comunity and the USA, but larger areas under hops in the state-trading countries and the introduction of hop-growing into countries where it has been unknown or very uncommon would lead one to believe that in the medium term the export market could become more competitive.

Five countries are normally net exporters of hops, having a surplus production estimated at:

1980

ZTR (50 kg)	PRODUCTION	DOMESTIC REQUIREMENTS	DIFFERENCE
FEDERAL REPUBLIC OF GERMANY	535.000	230.000	305.000
USA	685.000	377.000	308.000
CZECHOSLOVAKIA	210.000	115.000	95.000
YUGOSLAVIA	95.000	32.000	63.000
AUSTRALIA	35.000	21.000	14.000
POLAND	40.000	25.000	15.000
	1,600.000	800.000	800.000

It should be pointed out that the 1980 harvest in the United States was quite exceptional, the quantities harvested being 32% greater than the fifteen-year average.

Exceptionally, in 1979-80, the Community exported to non-member countries a total of 14 200 tonnes (hop-cone equivalent), as compared with fairly constant exports of 9 400 - 10 600 t since 1973. The poor crops in Germany and Czechoslovakia have led to an acute market shortage of aromatic hops since the 1980 harvest. As regards hops with a high alpha acid content, current world supplies would seem to be sufficient, solely because of the outturn of the American crop. The only significant increases in beer production, and therefore in demand for hops, continue to be recorded in the developing countries and in the state-trading countries. These countries tend to produce lighter beers and thus mainly use hops with a high alpha acid content and powders and extracts. This has been a steady trend for the past ten years but it has recently begun to weaken with a return to favour of the aromatic varieties, which are mainly produced by the Community and Czechoslovakia. This would seem to stem from the growing interest in "traditional" and "natural" products in the industrialized countries.

(b) 1980 harvest

The Commission notes that the free market prices for the 1980 harvest have been much higher than 1979 harvest prices or the prices set under advance contracts, indeed the difference between the contract prices and the free market prices has been wider than ever before. However, since yields in the Community were generally rather low, with very poor crops in some regions of Germany in particular, the supplies which attracted these unusually high free market prices were exhausted very early in the marketing year. The only exception was in the United States, where the great bulk of production (some 95%) is normally sold under advance contracts but where because of the very abundant harvest, substantial quantities of hops with a high alpha acid content were available on the free market. Since stocks everywhere were very low, however, these availabilities were not enough to bring about a drop in world prices. In the Federal Republic of Germany, market prices were as follows:

Price per 50 kg in ECU	Free market			Contract price
	1978	1979	1980	1980
Varieties				
Aromatic:				
Hallertauer	119.75	140.62	557.83	137.73
Tettnanger	131.82	171.49	655.95	149.70
Hersbrucker Spät	115.13	145.80	492.05	134.46
Bitter:				
Northern Brewer	98.42	119.42	477.88	116.29
Brewers Gold	83.18	111.50	472.79	105.39

(c) Medium-term forecasts - World (Tables 2 and 4)

The 1981 crop is expected to cover some 88 000 ha, which is 4 500 ha more than last year, the areas under hops having increased by about 1 000 ha in the Community, 2 000 ha in the USA and perhaps 1 400 ha elsewhere, including about 1 000 ha in the COMECON countries.

If yields are normal (1.46 t/ha), the hops grown on such an area would exceed the estimated requirements of the world brewing industry by 5%. Since stocks are low, this would not cause any very substantial drop in prices, but if yields are slightly above average (1.49 t/ha), production will exceed the probable demand in 1981 by 7.6%, which would mean that, at the beginning of the 1982 harvest, stocks would be fully 8% above their normal level. Such surpluses would bring about considerably lower prices, particularly if the 1982 harvest was also abundant.

In its report to the Council on the 1979 harvest, the Commission expressed the opinion that the world area under hops in 1982 should not exceed 84 000 ha. Since the abovementioned area is almost 5% above this figure, and since the overall increase in world demand for hops is forecast at just under 1.6%, a cautious policy on the expansion of hop gardens is urgently required if market imbalance is to be avoided in the near future.

II. SITUATION IN THE COMMUNITY (Tables 12 - 17)

(a) Situation in 1980

In 1980 the EEC accounted for 30% of the world area under hops and 34% of world production (as against 32% and 38% respectively in 1979). The Commission notes that, whereas the varieties with a high alpha acid content and the aromatic varieties accounted respectively for 29% and 70% of EEC production in 1971, the corresponding figures for 1980 were 50% and 48% (cf. 47% and 50% in 1979).

In 1980 EEC production was 793 000 Ztr from an area of 25 321 ha. This area was 663 ha greater than in 1979 and the increase may be broken down by Member State as follows:

Federal Republic of Germany	:	+ 648 ha
France	:	- 14 ha
Belgium	:	+ 20 ha
United Kingdom	:	+ 9 ha
Ireland	:	+ 10 ha
		673 ha

Production was about 12% down on 1979 and on the average figure since 1972

Greece joined the Community on 1 January 1981. Greek hop production, which in 1980 amounted to 35 t grown on 25 ha located entirely in the Joannina region in the north, will not therefore be eligible for Community aid until the 1981 crop is harvested. On average, Greek production covers only 20% of the country's brewing requirements.

In 1979/80 EEC exports were at a record level. Since imports from non-member countries increased only very slightly, net exports amounted to 14 200 tonnes.

This sharp increase in exports, which has been at a fairly constant level since 1973 (min. 9 400 tonnes net in 1976, max. 10 800 tonnes in 1975), was accompanied by a considerable reduction in the stocks held by breweries and traders in the Community. A substantial proportion of the quantities exported consisted of hops from the 1979 or earlier harvests which found buyers as a result of the very high prices recorded on the free market during 1980.

On the other hand, since such speculative movements are short-lived and since multi-annual advance contracts were difficult to fulfil within the Community as a result of the poor 1980 harvest, the Commission considers that during the 1980-81 marketing year exports will fall back to their former levels. The shortage of hops in the Community will probably entail some increase in imports.

Beer production in the EEC has shown little change since 1976 and may even have decreased slightly between 1979 and 1980. The forecast given in earlier reports remains valid, that is, not only will there be no significant increase until 1982 or even 1983 but also, given the effects of technical improvements (including the growing use of hop products instead of hop cones), the demand for hops will continue to contract gradually.

Even before the 1980 harvest, advance contract prices and free market prices had begun to rise, particularly the latter. At the time of this report, however, all prices on the Community market are considerably lower than those recorded up to January 1981. Although this may be viewed as normal at a time when most new contracts have been signed and the demand for hops is slackening, the extent of this downward trend could mean that prices will soon be lower again and may fall to still lower levels if the 1981 harvest proves abundant.

The quantities sold on the free market have been as follows in recent years:

	(Ztr)
1980	67 385
1979	150 000
1978	166 000
1977	327 000
1976	174 000
1975	203 000

(b) Medium-term forecasts - EEC (Tables 13 to 17)

It is estimated that the area under hops in 1981 will increase by 1 000 ha to 26 300 ha. If the yield is normal, the harvest could produce between 43 000 t and 46 000 t. Sales under advance contracts are estimated at approximately 85% of production, or approximately 38 000 t. thus, some 7 000 t will be offered on the free market.

Even if net Community exports were to return to normal levels as forecast by the Commission, it is clear that, given the present shortage of Community hops, stocks would be rather low at the beginning of the 1981 harvest. The quantities harvested in 1980 will in fact have been 15% short of the estimated Community demand for 1980-81.

In forecasting the effects of the various possible harvests, one has to take account of the fact that, in the Community, hop gardens require three years to come into full production. In the United States, on the other hand, an 80% yield is considered normal in the largest producer region in the first year, and normal production begins with the second harvest.

The forecast made for 1981 and 1982 in the last two annual reports is probably still valid, that is, the market outlets for the Community harvest will level off at about 45 000 t. The estimates of demand in these years (Table 14 and 15) indicate a downward trend but this would seem to be partly due to the distortion caused by the abnormally low harvest in 1980. It is reasonable to forecast a 1.5% to 2.0% drop in internal consumption by Community breweries. This trend thus seems to be gaining momentum, again as a result of technical developments and the growing use of hop products instead of hop cones. Exports, which have fallen rather sharply after reaching a peak in 1979/80, will probably increase slightly, by about 3% per year.

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The Commission considers, in view of the foregoing, that the Community area under hops should not exceed 26 000 ha in 1981/82 if substantial surpluses are to be avoided. Since an increase of 1 000 ha has been forecast for the current year, it is clear that this could become a very real danger as early as 1982, unless a very cautious policy on new planting is followed both by the Community and by the other main producers on the world market.

III. HARVEST

(a) Area under hops (Table 9)

In 1980 the areas under hops in the EEC increased from 24 658 ha to 25 334 ha.

There was a reduction in the following varieties:

Hallertauer	N. Brewer
Progress	Bullion
WGV	Keysworth's Midseason
Strisselspalt	Northdown
Sunshine	

and an increase in the following:

Hersbrücker Spät	Bramling Cross	Target
Hüller	Challenger	Record
Tettnanger	Perle	Viking
Goldings	Saxon	
	Brewer's Gold	

This means that, over all, aromatic varieties have increased by 502 ha since 1979, whilst bitter varieties have been reduced by 169 ha.

(b) Yield and production (Table 9)

In 1980 the average yield in the EEC (31.2 Ztr/ha) was lower than in 1979 (63.3 Ztr/ha) and 1978 (33.7 Ztr/ha).

EEC production in 1980 amounted to 39 568 tonnes, compared with 44 800 tonnes in 1979.

(c) New plantings

In 1980, 1 337 ha in the EEC were in their first year of production, having been planted in the previous year.

(d) Prices and contracts (table 16)

During the 1980 harvest, hop prices compared to 1978 and 1979 were as follows:

	Average EEC prices			ECU/Ztr	
	1978	1979	1980	1980/79 %	1980/78 %
Contracts	111.7	118.3	133	112	119
Non-contract	106.3	182.12	469	257	441

In 1980 free market prices rose very strongly above 1979 levels because of the shortness of the supply.

The quantities marketed under advance contracts were greater because of the market outlook.

Year	Contracts	%	Non-contract	%
1977	623.643	65.6	327.004	34.4
1978	686.210	80.5	166.036	19.5
1979	745.308	83.2	150.109	16.8
1980	723.983	91.5	67.385	8.5

(e) Returns per hectare (Table 17)

In 1980 returns per hectare increased again, but more moderately than in 1979:-

ECU/ha — Areas in full production

(from the third year of production)

(i) By group or varieties:

	1978	1979	1980	1980/79	1980/78
Aromatic :	4.035	4.866	4.833	99.3	119.8
Bitter :	3.640	4.821	5.139	106.6	141.2
Others :	3.194	4.509	6 801	150.8	212.9

(ii) by country:

Country	1978	1979	1980	1980/79	1980/78
Germany :	3.713	4.652	4.482	96.3	120.7
France :	3.251	4.986	6.179	123.9	190.0
Belgium :	3.537	6.690	10.586	158.2	299.0
United Kingdom :	4.350	4.463	5.740	128.6	132.0
Ireland :	2.981	4.011	3.938	98.1	132.0
Total :	3.826	4.683	5.008	106.9	130.9

Growers' total returns rose compared with 1978 and 1979:

ECU	
1978	94, 323, 774
1979	115, 510, 745
1980	126, 832, 608

The Commission notes that in 1980 there were 6.634 producers in the Community (of whom 372 were members of non-recognized groups and 141 were independent), as compared with 6.701 in 1979.

Conclusions

I. Against this background, the Commission, in proposing aid for the 1980 harvest, is seeking to pursue the following aims:-

1. To provide a modest supplement to planters' incomes, which in certain Member States and for certain varieties were insufficient. This happened despite very high free market prices because -
   a) Some forward contracts signed four or five years ago at the then prevailing low prices are still in force;
   b) The amount of hops available on the free market after execution of contracts was the smallest recorded since the setting up of the market organization (45% of the 1979 level). Particularly in the Federal Republic, the quantities of hops for which the very high spot prices recorded in this report were often minimal.
   c) In certain producing regions adverse weather conditions had a very adverse effect on yield.

2. To continue to encourage the concentration of supply and assistance in orderly marketing by supporting producer groups. Their contribution to the management of the market and its resultant stabilization has been notably successful since the restructuring and reconversion programme adopted in 1977. Their decisions as to the deployment of Community aid have also generally helped to make the latter cost-effective. The same is true of their encouragement of the forward contract system, which has also been a major factor in maintaining market stability.

3. To encourage, by means of an aid differential according to variety group, the production of varieties of hops for which the Community has a promising and developing export market. For aromatic varieties, especially the Community at the moment has few competitors on the world market. Community internal demand is also turning notably more towards these varieties.

II. The Commission therefore proposes the following amounts:

Group of Varieties	Aid in ECU/ha
Aromatic	250
Bitter	200
Other	250

The average aid per hectare for all eligible land will be a little less, at 227 ECU, than that granted for the 1979 harvest (238 ECU).
This level of aid will in most cases permit the maintenance of an adequate income level. It will in no sense constitute an incentive to inopportune expansion of area in view of the high cost of planting.

As a result, the financial consequence on the EAGGF guarantee budget will be slightly less than the already low level of 1979 (1980: 5,7 MECU; 1979: 5,9 MECU).

Proposal for a
COUNCIL REGULATION (EEC)

laying down, in respect of hops, the amount of aid to producers for the 1980 harvest

THE COUNCIL OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Economic Community, and in particular Article 43 thereof,

Having regard to Council Regulation (EEC) No 1696/71 of 26 July 1971 on the common organization of the market in hops (1), as last amended by the Act of Accession of Greece, and in particular Article 12(2) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Parliament,

Having regard to the opinion of the Economic and Social Committee,

Whereas Article 12 of Regulation (EEC) No 1696/71 provides that aid may be granted to hop producers to enable them to achieve a fair income; whereas the amount of this aid is fixed per hectare and differs according to groups of varieties, taking into account the average return on the areas in full production in comparison with the average returns for previous harvests, the current position of the market and price trends;

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(1) OJ No L 175, 4.8.1971, p. 1

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Whereas hops cultivated in Greece will be eligible for Community aid only as from the 1981 harvest;

Whereas an examination of the results of the 1980 harvest shows the need to fix aid for certain groups of varieties of hops cultivated in the Community as constituted prior to 1 January 1981,

HAS ADOPTED THIS REGULATION:

Article 1

1. For the 1980 harvest, aid shall be granted to the producers of hops cultivated in the Community as constituted prior to 1 January 1981 for the groups of varieties set out in the Annex.
2. The amount of the aid shall be as set out in the Annex.

Article 2

This Regulation shall enter into force on the third day following its publication in the Official Journal of the European Communities.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at   For the Council

ANNEX

Aid granted for the 1980 harvest to hops producers in the Community as constituted prior to 1 January 1981

Groups of varieties	Aid (ECU/ha)
Aromatic	250
Bitter	200
Others	250

Tab. 1

PAYS/LAND/COUNTRY	HA 1978	ZTR 1978	ALPHA 1978	% ALPHA	HA 1979	ZTR 1979	ALPHA T 1979	% ALPHA 1979
BR DEUTSCHLAND	17.622	606.602	1.705	5,6	17.305	624.202	1.902	6,0
FRANCE	887	30.027	95	6,3	768	31.770	87	5,5
BELGIE/BELGIQUE	851	27.727	86	6,3	803	35.457	107	6,0
UNITED KINGDOM	5.837	187.612	724	7,7	5.709	206.509	732	7,0
IRELAND	65	1.450	6	7,5	65	1.635	6	7,3
CEE/EWG/EEC	25.262	853.418	2.616	6,13	24.650	899.573	2.834	6,3
U.S.A.	12.525	499.496	1.550	6,2	12.890	498.308	1.746	7,0
AUSTRALIA	915	37.180	186	10,0	1.006	44.560	224	10,2
JUGOSLAVIA	3.137	87.616	274	6,3	3.106	88.046	255	5,8
ESPANA	1.803	41.796	156	7,5	1.852	51.716	194	7,5
CSSR	11.836	201.757	366	3,5	11.745	236.265	520	4,4
DDR	2.104	47.730	135	5,7	2.160	72.220	272	7,5
POLSKA	2.400	38.840	80	4,1	2.447	45.000	137	6,0
HUNGARY	550	11.800	37	6,3	568	12.448	34	5,4
IHB + IRELAND	59.096	1.819.633	5.400	5,94	59.079	1.942.576	5.992	6,2
JAPAN	1.238	44.800	134	6,0	1.200	36.300	91	5,0
USSR	12.000	200.000	400	4,0	12.500	240.000	697	5,8
ROMANIA	1.100	22.000	55	5,0	1.200	22.000	70	6,3
BULGARIA	1.500	21.000	47	4,5	1.500	17.000	40	4,7
OTHER / AUTRES	2.800	64.000	216	6,8	3.900	103.000	340	6,6
MONDE/WELT/WORLD	79.170	2.171.433	6.252	5,76	80.727	2.366.436	7.266	6,1
000 T PRODUCTION/ERZEUGUNG		108,6			118,3			
YIELD/ERTAG/REND. T/HA		1,40			1,49			

Tab. 2

PAYS/LAND/COUNTRY	HA 1980	HA 1980 - 1979 = +(-)	ZTR 1980	ALPHA 1980 EST. T		HA 1981 EST.*	HA 1981 EST.- 1980 = +(-)
BR DEUTSCHLAND.	17.954	649	537.849	1.539 *		19.000	1.046
FRANCE	762	(8).	28.127	83 *		750	(11)
BELGIE/BELGIQUE	823	20	28.435	117		840	17
UNITED KINGDOM	5.721	12	194.946	714		5.770	52
IRELAND	75	10	1.510	5		65	-
CEE/EWG/EEC	25.335	682	790.867	2.453		26.425	1.111
U.S.A.	15.003	2.113	685.476	2.296		17.000	1.997
AUSTRALIA	1.071	65	40.520	184		1.200	129
JUGOSLAVIA	3.155	49	95.639	316 *		3.357	202
ESPANA	1.852	-	43.006	161 *		2.002	150
CSSR	11.100	700	200.722	351		11.827	727
DDR	2.156	15	47.270	155 *		2.150	(6)
POLSKA	2.474	27	34.421	68 *		2.500	26
HUNGARY	656	(12)	13.372	36 *		562	6
IHB + IRELAND	62.686	3.621	1.950.049	6.020		67.023	4.341
JAPAN	950	(250)	36180				
USSR	12.750	250	250.000				
ROMANIA	1.200	-	25.000				
BULGARIA	1.600	100	20.000				
OTHER/AUTRES	4.200	300	111.000				
MONDE/WELT/WORLD	83.386	4.039	2393473				
000 T PRODUCTION/ERZEUGUNG			119,7				
YIELD/ERTRAG/REND. T/HA			1,43				

(*) IHB PARIS 13.3.81

TABLE 3: HOPS WORLD PRODUCTION AND DEMAND / HOPFEN WELTERZEUGUNG UND NACHFRAGE

		73	74	75	76	77	78	79	80	%	81	82	83
1	PRODUCTION T	118.301	111.176	113.502	106.760	117.796	108.572	118.321	119.665				
2	TREND (Demand)	106.205	108.266	110.327	112.388	114.450	116.511	118.572	120.633	1,7	122.684	124.755	126.817
3	+ (-)	12.096	2.910	3.175	(5.628)	3.346	(7.939)	(251)	(968)				
4	STOCK: 1 SEPT.	52.424	64.579	67.480	70.655	65.027	68.373	60.434	60.183		59.215		
5	Normal 6 m.	53.102	54.133	55.163	56.194	57.225	58.255	59.286	60.316		61.347		
6	+ (-)	(678)	10.446	12.317	14.461	7.802	10.118	1.148	(133)		(2.132)		
7	000 HA	81,3	82,0	80,6	78,9	79,3	79,2	80,7	83,4				
8	+ (-) YR		0,7	(1,4)	(1,7)	0,4	(1,1)	1,5	2,7				
9	YIELD T(HA)	1,46	1,35	1,41	1,35	1,49	1,40	1,48	1,43				
10	BEER PRODUCTION* MHL	770	802	819	847	874	909	936		+ 3	993	1.017	1.045
11	GMS/HL	138	135	135	133	131	128	127			124	123	121

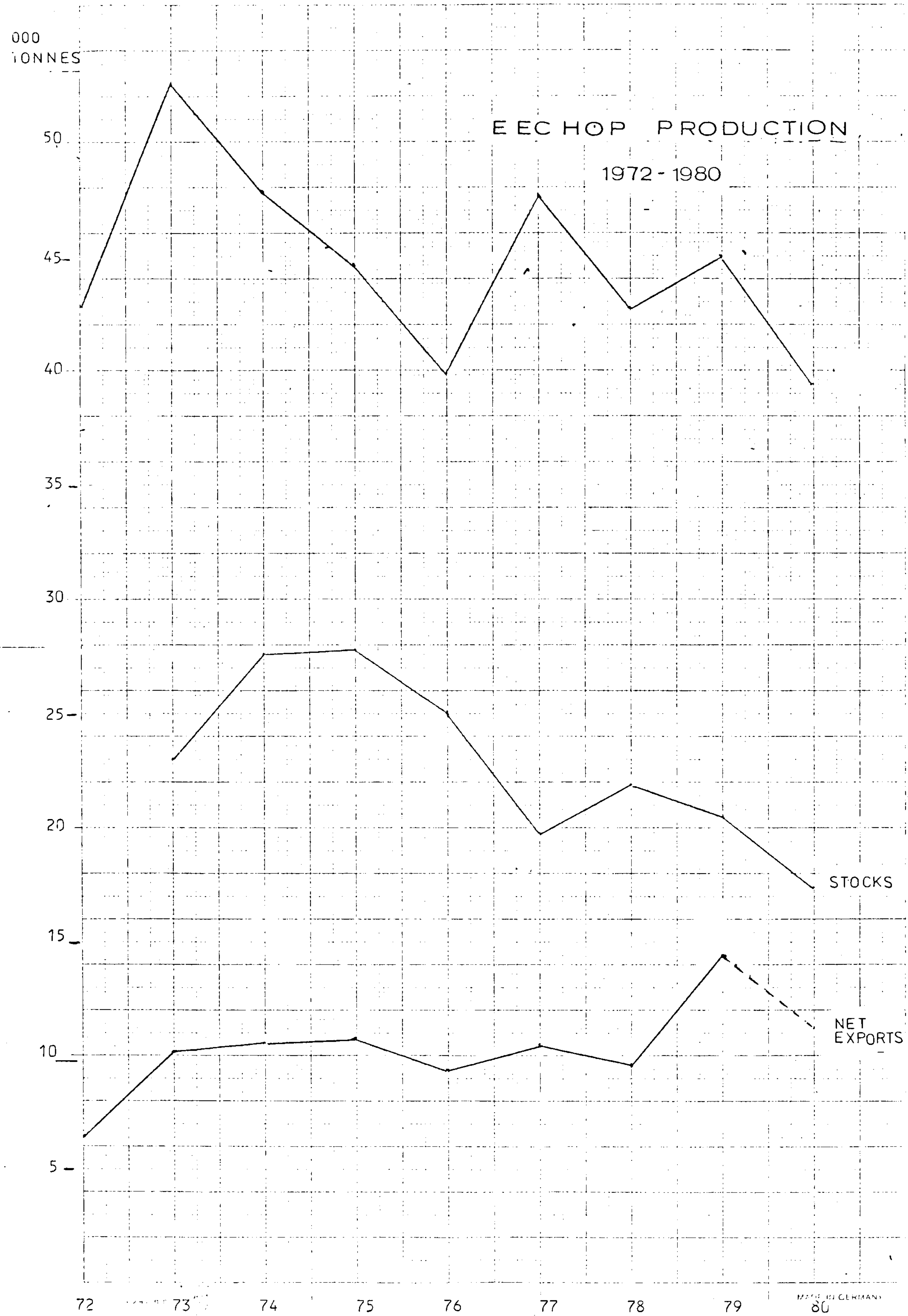
*) next year, année prochaine, folgendes Jahr

TAB. 4

HOPS - WORLD FORECASTS/HOPFEN - WELTVORAUSSICHTEN / HOUBLON - PREVISIONS MONDIALES

		80	%	ALT I			ALT II			ALT III			ALT IV	
				81	82		81	82		81	82		81	82
1	PRODUCTION (c.7x9)	119.665		124.982			125.697			130.226			130.971	
2	TREND (DEMAND)	120.633		122.694	124.755		122.694	124.755		122.694	124.755		122.694	124.755
3	+(-)	(968)		2.288			2.942			7.532			8.277	
4	STOCKS/SEPT	60.183		59.215	615.503		59.215	62.157		59.215	66.747		59.215	67.492
5	NORMAL 6M $\frac{c.2}{2}$	60.316		61.347	62.377		61.347	62.377		62.347	62.377		61.347	62.377
6	+(-)	(133)		(2.132)	(874)		(2.132)	(220)		(2.132)	4.370		(2.132)	5.155
7	000 HA	83,4		87,4			87,9			87,4			87,9	
8	+(-)/YR	2,7		4,0			4,5			4,0			4,5	
9	YIELD T/HA (SDEV)	1,43		1,43			1,43			1,49			1,49	
10	BEER PROD MHL	(964)		993	1.017		993	1.017		993	1.017		993	1.017
11	GMS/HL			124	123		124	123		124	123		124	123

TABL. 5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TONNES
EEC HOP PRODUCTION
1972 - 1980
STOCKS
NET
EXPORTS
50
45
40
35
30
25
20
15
10
5
72
73
74
75
76
77
78
79
80

TAB. 6 DEMAND & AREA IHB/NON-IHB '73 - '83 15 DEC 80

		UNIT	73	74	75	76	77	78	79	80	%+	81	82	83
	IHB COUNTRIES													
1	PRODUCTION	T	102.440	97.042	96.288	90.744	99.265	90.860	97.553	97.700				
2	DEMAND (TREND)	T	90.573	91.940	93.307	94.674	96.041	97.408	98.775	100.142	1,4	101.509	102.876	104.243
3	+(-)	T	11.867	5.102	2.981	(3.930)	3.224	(6.548)	(1.222)	(2.442)				
4	YIELD I	T/HA	1,66	1,52	1,52	1,47	1,63	1,54	1,65	1,56		1,59	1,59	1,60
5	HA I		62.940	63.759	63.374	61.592	60.767	59.024	58.996	62.766		63.842	64.702	65.152
6	YIELD II	T/HA										1,57	1,57	1,58
7	HA II											64.655	65.526	65.976
8	HA EST 15 DEC 80	COMEC										65.500		
	OTHERS (NON-IHB)													
9	PRODUCTION		14.057	14.134	17.214	16.016	18.361	17.712	20.915	19.455				
10	DEMAND (TREND)		15.520	16.120	16.721	17.321	17.921	18.522	19.122	19.722	3,0	20.323	20.923	21.523
			(1.463)	(1.986)	493	(1.305)	440	(810)	1.793	(267)				

Following Year/Année suivante/Folgendes Jahr *	BV = BITTERING VALUE/VALEUR AMERTUME/BITTERWERT			HOUBLON – HOPFEN – HOPS	MONDE – WELT – WORLD						TABL. 7		
		Année/Jahr/Year		1973	1974	1975	1976	1977	1978	1979	1980		
1	PRODUCTION HOUBLON / HOP ERZEUGUNG : HOPFEN	000 T	16x13	118,3	111,0	113,5	106,8	117,8	108,6	118,5	116,9		
2	CONTENU/ANTEIL/CONTENT : ALPHA	%		6,31	5,97	6,37	5,75	6,00	5,76	5,93	5,89		
3	PRODUCTION ERZEUGUNG : ALPHA	T	1x2	7.468	6.627	7.230	6.137	7.066	6.252	7.266	[6.884]		
4	PERTE/LOSS/VERLUST/AN/YR/JAHR	%		(9,12)	(8,88)	(8,56)	(8,56)	(7,84)	(7,84)	(7,76)	(7,44)		
5	– PERTE/LOSS/VERLUST BV	T	3–4	6.787	6.039	6.611	5.612	6.512	5.762	6.458	[6.372]		
6	PRODUCTION BIERE/BIERERZEUGUNG/BEER PRODUCTION *	* M. HL		770	802	819	847	874	909	936	[964]		
7	+ PAR AN/JE JAHR/ (–) PER YEAR	%		3,8	4,2	2,1	3,4	3,2	2,9	3,0	[3,0]		
8	CONTENU/ANTEIL/CONTENT : ALPHA	GRMS/HL	9 ÷ 6	8,1	8,0	8,0	7,9	7,8	7,6	7,6	7,6		
9	DEMANDE/DEMAND/NACHFRAGE : ALPHA	T		6.257	6.404	6.552	6.699	6.847	6.994	7.142	7.289		
10	BESOIN/BEDARF/REQUIREMENT : ALPHA	T	9 – 4	5.686	5.834	5.991	6.125	6.310	6.446	6.589	6.725		
11	SURPLUS (DEFICIT) UEBERSCHUSS (DEFIZIT) : BV	T	5–10	1.098	192	599	(544)	162	(733)	(131)	(353)		
12	STOCKS BESTÄNDE : 1 SEPT : BV	T		2.778	3.876	4.068	4.667	4.123	4.285	3.552	3.421		
13	STOCKS BESTÄNDE : 6 MONTHS : BV	T		2.843	2.917	2.995	3.063	3.155	3.223	3.295	3.363		
14	STOCKS BESTÄNDE : + (–) : BV	T	12–13	(65)	959	1.073	1.604	968	1.062	257	58		
15	– PERTE/LOSS/VERLUST BV	T	1	–	949	1.062	1.588	958	1.052	254	57		
16	SUPERFICIE/FLÄCHE/AREA	000 HA		81,3	82,0	80,6	78,9	79,3	77,7	79,3	83,5		
17	+ PAR AN/JE JAHR – PER YEAR	000 HA			0,7	(1,4)	(1,7)	0,4	(1,6)	1,6	4,2		
18	RENDEMENT/ERTRAG/YIELD	T/HA		1,46	1,35	1,41	1,35	1,49	1,40	1,48	1,40		

Following Year/Année suivante/Folgendes Jahr *	BV = BITTERING VALUE/VALEUR AMERTUME/BITTERWERT	HOUBLON - HOPFEN - HOPS	MONDE - WELT - WORLD	TABL. 8

		Année/Jahr/Year		1979	1980	1981		1980	1981		1980	1981	
1	PRODUCTION HOUBLON / HOP ERZEUGUNG HOPFEN	000 T	16x18	118,5	116,9								
2	CONTENU/ANTEIL/CONTENT : ALPHA	%	5,93	5,89				6,0			6,1		
3	PRODUCTION ERZEUGUNG : ALPHA	T	1x2	7 266	6 884								
4	PERTE/LOSS/VERLUST/AN/YR/JAHR	%		(7,76)	(7,74)	(7,20)							
5	- PERTE/LOSS/VERLUST BV	T	3-4	6 458	6 372			6 470			6 579		
6	PRODUCTION BIERE/BIERERZEUGUNG/BEER PRODUCTION *	* M HL		936	964	989		964	989		964	989	
7	+ PAR AN/JE JAHR/ (-) PER YEAR	%		3,0	3,0	2,6		3,0	2,6		3,0	2,6	
8	CONTENU/ANTEIL/CONTENT : ALPHA	GRMS/HL	9 ÷ 6	7,6	7,6	7,6		7,6	7,6		7,6	7,6	
9	DEMANDE/DEMAND/NACHFRAGE : ALPHA	T		7 142	7 289	7 300		7 289	7 300		7 289	7 300	
10	BESOIN/BEDARF/REQUIREMENT : ALPHA	T	9 - 4	6 589	6 725	6 774		6 725	6 774		6 725	6 774	
11	SURPLUS (DEFICIT) UEBERSCHUSS (DEFIZIT) : BV	T	5-10	(131)	(353)			(255)			(146)		
12	STOCKS BESTAENDE : 1 SEPT : BV	T		3 552	3 421	3 068		3 421	3 166		3 421	3 275	
13	STOCKS BESTAENDE : 6 MONTHS : BV	T	$\frac{C \cdot 10}{2}$	3 295	3 363	3 387		3 363	3 387		3 363	3 387	
14	STOCKS BESTAENDE : + (-) : BV	T	12-13	257	58	319		(58)	(221)		(58)	(112)	
15	- PERTE/LOSS/VERLUST BV	T	1 %	254	57			-	-		-	-	
16	SUPERFICIE/FLÄCHE/AREA	000 HA		79,3	83,5			83,5			83,5		
17	+ PAR AN/JE JAHR - PER YEAR	000 HA		1,6	4,2			4,2			4,2		
18	[illegible]	[illegible]		1,48	1,40			1,40			1,40		

TAB. 9

Evolution des superficies, du rendement et de la production du houblon dans la CEE
Entwicklung der Flächen, Erträge und der Erzeugung von Hopfen in der E.W.G.
Evolution of area,, yelds and production of hops in the EEC

ANNEE JAHR YEAR	1978	1979	1980
		SUPERFICIE / FLÄCHEN / AREA (ha)	
Deutschland	17.622	17.305	17.954
France	887	768	762
Belgique/België	851	803	823
United Kingdom	5.837	5.709	5.721
Ireland	65	65	75
EUR 9	25.262	24.650	25.335
		RENDEMENT / ERTRAG / YIELD (50 kg)	
Deutschland	34,4	35,8	29,9
France	33,8	41,0	36,9
Belgique/België	32,6	44,2	34,5
United Kingdom	32,1	36,1	34,0
Ireland	22,3	25,1	20,1
EUR 9	33,7	36,3	31,2
		PRODUCTION / ERZEUGUNG / PRODUCTION (Ztr.)	
Deutschland	606.602	624.202	537.849
France	30.027	31.770	28.127
Belgique/België	27.727	35.457	28.435
United Kingdom	187.612	206.509	194.946
Ireland	1.450	1.635	1.510
EUR 9	853.418	899.573	790.867

Source : OSCE / Quelle : SAEG / Origin : SOEC

HOPS - WORLD SUPPLY AND DEMAND TRENDS - TENDANCES OFFRE ET DEMANDE MONDIALE - HOUBLON (D'APRES BARTH)

	73	74	75	76	77	78	79	T +(-)	% +(-)	80	81	82
AROMATIC												
PRODUCTION	45.005	40.589	42.670	34.611	41.452	36.549	39.002					
DEMAND	41.690	41.019	40.349	39.678	39.007	38.337	37.666		(1,8)	36.995	36.325	35.65
+ (-)	3.315	(430)	2.321	(5.067	2.445	(1.788)	1.336	2.132				
NOT INTER. TRADED												
PRODUCTION	25.332	29.289	30.242	30.187	30.808	32.459	41.261					
DEMAND	25.612	27.540	29.467	31.394	33.322	35.249	37.176		5,2	39.104	41.031	42.95
+ (-)	(280)	1.749	775	(1.207	(2.514)	(2.790)	4.085	(182)				
BITTER												
PRODUCTION	47.964	41.303	40.590	41.962	45.026	39.912	41.605					
DEMAND	43.091	42.819	42.546	42.273	42.001	41.728	41.456		(0,6)	41.183	40.911	40.63
+ (-)	4.873	(1.516)	(1.956	(311)	3.025	(1.816)	149	2.448				
WORLD												
PRODUCTION	118.301	111.176	113.502	106.760	117.376	108.920	121.867					
DEMAND	110.396	111.383	112.371	113.358	114.345	115.333	116.320		0,8	117.307	118.295	119.28
+ (-)	7.906	(207)	1.131	(6.598)	3.031	(6.413)	5.547	4.397				

000 HL

Sources : Joh. Barth u. Sohn CBMC EEC COMMISSION,	1974	1975	1976	1977	1978	1979	1980	
CEE/ EWG / EEC	226 735	229 020	236 507	232 297	232 320	234 878	B	14.500
% + (-) per year	1,2	1,0	3,3	(1,8)	-	(1,1)	D	92 309
							F	21 600
							LUX.	750
U S A	182.262	188 420	192 182	200 165	210 135	215 809	UK	66 658
% + (-) per year	4,6	2,8	2,0	4,1	5,0	2,7	DK	
							I	8 569
USSR	50 800	60 000	62 500	65 000	65 000	70 000	GR	
Romania	5 000	7 449	8 200	7 910	8 150	8 300	IRL	
Bulgaria	4 000	4 000	5 200	5 200	5 160	5 500	NL	
Poland	12 440	12 860	12 318	12 069	11 378	11 127	11.185	
DDR	19 800	20 200	21 000	22 000	23 000	23 000	24 000	
CSSR	22 138	22 373	22 500	22 500	22 058	23 610	23 800	
Hungary	6 458	6 631	6 738	7 003	7 244	7 500	7 800	
Cuba	1 851	3 300	3 500	3 500	3 000	2 307		
TOTAL COMECON	122 987	136 813	141 956	145 182	144.990	151 344		
% + (-) per year	4,0	11,2	3,8	2,3	-	4,4		
Australia	18 300	19 340	19 717	19 511	19 511	19 678		
Espana	15 481	16 618	17 127	18 600	18 653	19 712	20 027	
Japan,	36 084	39 290	36 393	41 242	44 300	44 758		
Canada	19 133	21 238	20 227	20 227	20 389	20 386	20 540	
Argentina	4 578	4 123	2 680	2 543	2 043	2 100		
New Zealand	3 990	4 140	4 095	4 180	4 371	4 200		
Jugoslavija	9 429	8 477	8 685	9 588	10 055	11 300	11 380	
TOTAL GROUP 4	106 995	113 226	108 924	116 053	119 319	122 228		
% + (-) per year	1,9	5,8	(4,0)	6,5	2,8	2,4		
Autres/andere/Others	130 615	134 928	138 986	153 694	167 361	185 026		
% + (-) per year	8,0	3,3	3,0	10,6	8,9	10,5		

			73	74	75	76	77	78	79	80	80 [ALT]	81	82	83
1	PRODUCTION	000 T	52,6	47,9	44,6	39,9	47,8	42,7	45,0	39,4		42,8	42,5	42,1
2	EXPORT. NETTE (Sept-Aug)	000 T	10,2	10,6	10,8	9,4	10,5	9,6	14,2		[11,2]	11,5	11,8	
3	OFFRE CEE	000 T	42,4	37,3	33,8	30,5	37,3	33,1	30,8		28,2			
4	DEMANDE CEE	000 T	37,8	37,1	36,5	35,8	35,2	34,5	33,9		33,2	32,5	31,9	31,2
5	+ (-)	000 T	4,6	0,2	(2,7)	(5,3)	2,1	(1,4)	(3,1)		(5,0)			
6	STOCKS	000 T	23	27,6	27,8	25,1	19,8	21,9	20,5	17,4				
7	STOCKS NORMAUX	000 T 7/6/5 M.	22 (7m)	21,6 (7m)	21,2 (7m)	18,0 (6m)	14,6 (5m)	14,4 (5m)	14,1 (5m)	13,8 (5m)	13,8 (5m)	13,5 (5m)	13,3 (5m)	
8	+ (-)	000 T	1,0	6,0	6,6	7,1	5,2	7,5	6,4	3,6				
9	000 HA		29,5	29,3	29,0	27,8	27,2	25,3	24,7	25,3				
10	+ (-)		1,9	(0,2)	(0,3)	(1,2)	(0,6)	(1,9)	(0,6)	0,6				
11	RENDEMENT	T/HA	1,79	1,64	1,54	1,44	1,76	1,69	1,82	1,56				
12	PROD. BIERE	MHL	227	229	237	232	232	231	234		233	233	234	
13	GM/HL	HOP	161	158	151	153	151	148	148		146	144	143	

TAB. 13 : ALTERNATIVE FORECASTS 1981 – VORAUSSCHAU – PREVISIONS ALTERNATIVES

		UNIT	80	ALT. I		ALT. II		ALT. III		ALT. IV	
				81	82	81	82	81	82	81	82
1	PRODUCTION	000T	39,4	42,1		45,5		42,6		46,0	
2	EXPORT. NETTE	000T	11,2	11,5		11,5		11,5		11,5	
3	OFFRE CEE	000T	28,2	30,6		34,0		31,1		34,5	
4	DEMANDE CEE	000T	33,2	32,5	31,9	32,5	31,9	32,5	31,9	32,5	31,9
5	+ (–)	000T	(5)	(1,9)		1,5		(1,4)		2,0	
6	STOCKS 1 SEPT.	000T	17,4	16,9	15,0	16,9	18,4	16,9	15,5	16,9	18,9
7	STOCKS NORM.	5M.	13,8	13,5	13,3	13,5	13,3	13,5	13,3	13,5	13,3
8	+ (–)	000T	3,6	3,4	1,7	3,4	5,1	3,4	2,2	3,4	5,6
9	000 HA.		25,3	25,7		25,7		26,0		26,0	
10	+ (–)		0,6	0,4		0,4		0,7		0,7	
11	RENDEMENT/YIELD	T/HA	1,56	1,64		1,77		1,64		1,77	

COL. 11:

ALTS. $\bar{y}$; $\bar{y} + \sigma$

σ = S.DEV/STANDARDABWEICHUNG/ ECART TYPE = 0,13

HOUBLON – HOPFEN – HOPS	CEE/EWG/EEC	H = HOUBLON/HOPS/HOPFEN

Tab. 14

	ANNEE JAHR YEAR		1973	1974	1975	1976	1977	1978
1	PRODUCTION – ERZEUGUNG : H	000 T	52,6	47,9	44,6	39,9	47,8	42,7
2	CONTENU/ANTEIL CONTENT : ALPHA	%	6,86	6,37	6,56	5,7	6,25	6,13
3	PRODUCTION ERZEUGUNG : ALPHA	T	3 608	3 051	2 926	2 274	2 988	2 616
4	PERTE/LOSS/VERLUST/AN/YEAR/JAHR	%	(9,12)	(8,88)	(8,56)	(8,56)	(7,84)	(7,84)
5	– PERTE/LOSS/VERLUST : BV	T	3 279	2 780	2 676	2 079	2 754	2 411
6	PRODUCTION BIERE/BIERERZEUGUNG/BEER PRODUCTION	* M HL	227	229	237	232	232	233
7	± PAR AN/ JE JAHR/ PER YEAR	%	0,8	1,0	3,5	(2,1)	–	0,4
8	CONTENU/ANTEIL CONTENT : ALPHA	GRMS/HL	10,1	9,9	9,4	9,5	9,3	9,1
9	DEMAND/DEMAND/NACHFRAGE : ALPHA	T	2 296	2 263	2 229	2 195	2 161	2 127
10	BESOIN/BEDARF/REQUIREMENT : BV	T	2 083	2 062	2 038	2 007	1 991	1 960
11	SURPLUS/(DEFICIT) UEBERSCHUSS/(DEFIZIT) : BV	T	1 196	718	638	72	763	451
12	EXPORTATIONS/AUSFUHR/EXPORTS : H	000 T	17,5	18,7	20,0	18,4	17,5	17,5
13	IMPORTATIONS/EINFUHR/IMPORTS : H	000 T	7,3	8,1	9,2	9,0	7,0	7,9
14	EXPORTATIONS/AUSFUHR/EXPORT : H : NET	000 T	10,2	10,6	10,8	9,4	10,5	9,6
15	NET : ALPHA	T	740	707	726	532	672	619
16	– PERTE/LOSS/VERLUST : BV	T	673	644	664	486	619	570
17	SURPLUS/(DEFICIT) UEBERSCHUSS/(DEFIZIT) : BV	T	519	69	(34)	(433)	129	(144)
18	STOCKS BESTÄNDE : 1 SEPT : BV	T	1 024	1 543	1 612	1 578	1 145	1 274
19	STOCKS BESTÄNDE : (7/6/5 m.) BV	T	1 215 (7 m.)	900 (7m.)	1 189 (7 m.)	1 003 (6 m.)	829 (5 m.)	817 (5 m.)
20	STOCKS BESTÄNDE : + (–) : BV	T	(191)	643	423	575	316	457
21	– PERTE/LOSS/VERLUST : BV	T		(6)	(4)	(6)	(3)	(4)
22	SUPERFICIE/FLÄCHEN/AREA	000 HA	29,5	29,3	29,0	27,8	27,2	25,3
23	RENDEMENT/ERTRAG/YIELD	T/HA	1,79	1,64	1,54	1,44	1,76	1,69

* ANNEE SUIVANTE / FOLGENDES JAHR / FOLLOWING YEAR

BV = BITTERING VALUE/VALEUR AMERISANTE/BITTERWERT

HOUBLON – HOPFEN – HOPS	CEE/EWG/EEC	H = HOUBLON/HOPS/HOPFEN

Tab. 15

			A				B	
	ANNEE JAHR YEAR		79	80	81	82	81	82
1	PRODUCTION ERZEUGUNG : H	000 T	45	39,4	43,4		43,9	
2	CONTENU/ANTEIL CONTENT : ALPHA	%	6,3	6,13	6,19		6,19	
3	PRODUCTION ERZEUGUNG : ALPHA	T	2 834	2 422	2 686		2 717	
4	PERTE/LOSS/VERLUST/AN/YEAR/JAHR	%	(7,6)	(7,32)	(7,0)		(7,0)	
5	– PERTE/LOSS/VERLUST : BV	T	2 619	2 245	2 498		2 527	
[illegible]	PRODUCTION BIERE/BIERERZEUGUNG/BEER PRODUCTION	* M HL	233	233	233	234	233	234
7	± PAR AN/ JE JAHR/ PER YEAR	%	0,4	–	–	–	–	–
8	CONTENU/ANTEIL CONTENT : ALPHA	GRMS/HL	9,0	8,8	8,7	8,5	8,7	8,5
9	DEMAND/DEMAND/NACHFRAGE : ALPHA	T	2 093	2 059	2 026	1 992	2 026	1 992
10	BESOIN/BEDARF/REQUIREMENT : BV	T	1 934	1 908	1 884	1 839	1 884	1 839
11	SURPLUS/(DEFICIT) UEBERSCHUSS/(DEFIZIT) : BV	T	685	337	614		643	
12	EXPORTATIONS/AUSFUHR/EXPORTS : H	000 T	22,5					
13	IMPORTATIONS/EINFUHR/IMPORTS : H	000 T	8,2					
[illegible]	EXPORTATIONS/AUSFUHR/EXPORT : H : NET	000 T	14,3	11,2	11,5		11,5	
[illegible]	NET : ALPHA	T	895	686	712		712	
15	– PERTE/LOSS/VERLUST : BV	T	827	636	662		662	
17	SURPLUS/(DEFICIT) UEBERSCHUSS/(DEFIZIT) : BV	T	(142)	(299)	(48)		(19)	
[illegible]	STOCKS BESTAENDE : 1 SEPT : BV	T	1 130	988	689	641	689	670
19	STOCKS BESTAENDE : 5 M : BV	T	806	795	785	766	785	766
20	STOCKS BESTAENDE : + (–) : BV	T	324	193	(96)	(125)	(96)	(96)
21	– PERTE/LOSS/VERLUST : BV	T	(3)	(2)				
22	SUPERFICIE/FLAECHEN/AREA	000 HA	24,7	25,3	25,7		26,0	
23	RENDEMENT/ERTRAG/YIELD	T/HA	1,82	1,56	1,69		1,69	

* ANNEE SUIVANTE / FOLGENDES JAHR / FOLLOWING YEAR

BV = BITTERING VALUE/VALEUR AMERISANTE/BITTERWERT

TAB. 16

Pourcentage de houblon vendu sous contrat et relation prix hors contrat - sous contrat
Prozentsats von Vertragshopfen und Verhältnis Preise Freihopfen - Vertragshopfen
Percentage of hops sold under contract and relation prices without contract - under contract

	hors contrat Freihopfen without contract 50 kg	sous contrat Vertragshopfen under contract 50 kg	% sous contrat % Vertragshopfen % under contract	hors contrat Freihopfen without contract ECU/50 kg	sous contrat Vertragshopfen under contract ECU/50 kg
	1	2	3	4	5
A) CE					
1975	202.672	689.378	77	72,80	114,13
1976	174.172	620.353	78	95,18	121,49
1977	327.043	623.643	66	46,45	118,76
1978	166.036	686.210	81	106,29	111,73
1979	150.109	745.308	83	182,12	118,30
1980	67.385	723.983	91	469,00	133,00
B) CE					
R.F.A.	34.733	503,574	94	504	125
France	8.841	19.286	69	341	110
Belgique/België	14,515	13.922	49	412	182
Royaume-Uni	9.296	185.691	95	562	154
Irlande	-	1.510	100	-	196

Calcul de la recette :
Berechnung Ertragserlöse : 1980
Calculation of the return :

TAB. 17

Variétés Sorten Varieties	HA TP 1980	HA NP 1980	HA NP 1979	HA PP 1980	RCT/HA TP 1980 ECU	RCT/HA PP 1980 ECU
Hallertaueur	3.152	77	80	2.994	4.353	4.460
Hersbrucker Spät	4.026	490	767	3.069	4.560	5.144
Huller	1.425	4	10	1.411	5.770	5.794
Spalter	295	7	9	278	4.414	4.543
Tettnanger	906	30	5	871	4.452	4.551
Progress	149	9	14	126	5.885	6.322
Fuggles	599	25	23	551	5.086	5.288
Goldings	517	43	27	447	4.329	4.646
W G V	316	17	25	274	6.326	6.728
Tutsham	5			5	4.683	4.683
Bramling Cross	377	2	2	372	4.894	4.932
Challenger	815	68	46	705	6.014	6.463
Saaz	13			13	11.775	11.775
Strisselspalt	181	2	7	171	3.448	3.539
Bourgogne	7			7	3.625	3.625
Star	4			4	21.816	21.816
Perle	228	104	87	37	6.986	11.784
Saxon	115	2	3	111	3.110	3.144
Sunshine	1	2	3	1	3.427	3.427
AROMA	13.134	881	806	11.447	4.833	5.151
Northern Brewer	6.327	69	39	6.219	4.095	4.131
Brewers Gold	2.909	203	24	2.682	6.314	6.610
Bullion	323	3	1	319	4.802	4.834
Target	1.085	92	40	953	8.261	8.824
K. Midseason	132			132	3.829	3.829
Northdown	984	77	38	869	5.230	5.567
AMER/BITTER	11.760	444	142	11.175	5.139	5.281
Record	411	12	2	397	6.966	7.102
Viking	19			19	3.251	3.251
Triploid	2			2	3.241	3.241
Yeoman	-	-	-	-	-	-
Zenith	-	-	-	-	-	-
AUTRES/ANDRE	432	12	2	418	6.801	6.928
Non couvertes	8					
CEE-EWG-EEC	25.334	1.337	950	23.039	5.008	5.243

FINANCIAL STATEMENT

Date : 9.4.1981

1. BUDGET HEADING : Art. 732 (hops intervention) APPROBIATIONS : 7,84 Mio ECU

2. TITLE : Proposal for a Regulation of the Council laying down in respect of hops, the amount of aid to producers for the 1980 harvest.

3. LEGAL BASIS : Art. 12 of Regulation 1696/71 of the Council

4. AIMS OF PROJECT :

Granting of an aid to hop producers for the 1980 harvest that they may receive a fair income.

5. FINANCIAL IMPLICATIONS	PERIOD OF 12 MONTHS	CURRENT FINANCIAL YEAR (81)	FOLLOWING FINANCIAL YEAR (82)
5.0 EXPENDITURE – CHARGED TO THE EC BUDGET (XXXXXXX INTERVENTIONS) – XXXXXXXXXXXXXXXXXXXXXX – XXXXXX XXXXXXXXXX – XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX – XXXXXXX	5,8 Mio ECU	5,8 Mio ECU	–
5.0.1 ESTIMATED EXPENDITURE XXXXXXXXXXXXXXXXXXXXXXXX		Measure concerning 1981 budget	

5.2 METHOD OF CALCULATION

Groups	Area/ha	Amount Aid	Total Mio ECU
Aromatics	13.134	250 ECU	3,3
Bitters	11.760	200 ECU	2,4
Others	432	250 ECU	0,1
Total	25.326	–	5,8

6.0 CAN THE PROJECT BE FINANCED FROM APPROBIATIONS ENTERED IN THE RELEVANT CHAPTER OF THE CURRENT BUDGET ? YES/~~NO~~

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ ~~YES/NO~~

6.2 IS A SUPPLEMENTARY BUDGET BE NECESSARY ? ~~YES~~/NO

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ ~~YES/NO~~

OBSERVATIONS :