

SURVEY OF THE COST OF PRODUCTION OF RAW COTTON

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INTRODUCTION

The most recent survey of raw cotton production costs published by the ICAC covered the growing season 1983/84 and was presented in October 1984 at the 43rd Plenary Meeting in Arusha, Tanzania.

The present survey covers 1984/85 and 1986/87 and is the result of a questionnaire sent out in January 1987. In total 12 countries responded against 18 in the previous survey.

Data

For reasons of comparability the format of the questionnaire and analysis were not changed. In the case of the USA and Colombia, data were received in the respective countries' usual format and were regrouped by the Secretariat. The response received from Burkina Faso was incomplete and was completed using secondary sources.

Data for the USA, Colombia and Australia were specified by growing region. In the case of the USA, data concern the four main growing regions: Far West (FW), Southern Plains (SP), Mississippi Delta (DE) and the South-East (SE). Data from Colombia cover two areas: Valle del Cauca (VdC) and Costa y Meta (CyM), and data from Australia were specified for Queensland (QL) and New South Wales (NSW). The response received from Israel included data for both Acala and Pima cotton.

In case of Australia-NSW, Israel, Colombia-VdC and Burkina Faso only data for the 1986/87 season were obtained. Responses varied in terms of completeness. Table 1 summarizes the degree of response for some of the main categories. As could be expected, the responses for land and depreciation were less complete than for variable costs. In some cases, the value of the cottonseed left over after ginning, which is treated as a negative cost, was omitted and consequently no net costs per kg lint could be calculated.

The absence of costs for land in the case of the three African countries might be explained by the absence of a land market in these areas.

Finally it should be emphasized that data for the four regions in the USA are based on actual input and factor-use in 1982 multiplied by prices prevailing in 1984 and 1986 respectively.

To facilitate analysis or completion of the data using secondary sources, the full set of questionnaire responses is presented in the latter part of this document (Section D).

Table 1. Response per cost category

		Variable	Depr.	Land	Value CS
Pakistan		x	x	x	x
Iran		x		x	x
Bangladesh		x			x
Syria		x	x	x	x
USA	FW	x	x	x	x
	SP	x	x	x	x
	DE	x	x	x	x
	SE	x	x	x	x
	QL	x	x	x	
Australia	NSW	x	x	x	
	acala	x	x	x	x
Israel	pima	x	x	x	x
	VdC	x	x	x	
Colombia	CyM	x	x	x	
		x			x
Zambia		x			x
Malawi		x			x
Burkina Faso		x	x		
Philippines		x		x	

Developments Over Time

In order to indicate developments in costs of production over time per country, some key cost parameters for the two seasons are summarized in Table 2.

It can be seen that costs of production in terms of variable costs per ha (VC/HA) and total costs per ha (TC/HA) increased significantly between 1984/85 and 1986/87 in every region except for the USA. Growth rates of VC/HA over the two years ranged from 6% in Pakistan to 169% in Zambia. However, when deflated using a GDP-deflator for the latter part of 1984 to the first part of 1986, only the growth-rates in Colombia (14.5%), Zambia (46.6%) and Malawi (22%) remained positive. The rates reversed sign in the case of Pakistan (-6.1%), Bangladesh (0), Australia (-0.7%) and the Philippines (-26.8%). In the USA, variable costs of production in nominal terms decreased on average 11.8% and, when deflated, decreased 16.4%.

Expressed in production costs per kilogram lint, nominal increases were tempered or even reversed in the case of Pakistan, Iran, Australia-QL, Colombia-CyM and Zambia due to increases in yield. In the USA, yields in the 1986/87 season were somewhat lower (except in the Far West) which is reflected in the slightly increased costs per kilogram lint.

In order to see if cost increases in terms of local currencies are offset by depreciations of these currencies relative to the US dollar, Table 3 and Graphs 1 and 2 are presented, using exchange rates reported in the upper part of each questionnaire.

It is shown that, indeed, in the case of Australia, Pakistan, Colombia, Malawi and the Philippines, adjustments in exchange rates have actually offset increases in TC/HA. No changes in the exchange rates were reported by Iran and Syria.

Intercountry Comparisons

In view of the differences in the degree of response per cost-category, as has been summarized in Table 1, it is less meaningful to compare total or net costs on an intercountry basis. To overcome part of these problems, Table 4 was constructed, presenting a breakdown of the variable cash costs (VCC) per country. This includes costs of inputs, variable equipment costs (fuel, repairs etc.), custom and contract work, hired labor, interest on working capital, harvesting costs and ginning costs.

Cost Parameters used in Tables		
Variable Costs	VC	Purchased inputs, all labor, repairs, maintenance interest on working cap., harvesting, transportation, ginning.
Fixed Costs	FC	Depreciation, landcharge, administration and management.
Total Costs	TC	VC + FC
Net Costs	NC	TC - Value of Cottonseed
Variable Cash Costs	VCC	VC - Preharvest labor (but incl. hired labor)

All pre-harvest labor is assumed to be family labor and is excluded in VCC except when specifically stated otherwise. All harvest labor is considered to be a cash expense and is included.

The use of VCC has the advantage of the highest degree of accuracy as most cost factors are rather straightforward. In terms of farm management, the VCC are the bottomline for many decisions and play an important role in deciding cropping patterns.

Table 4 consists of three parts. First, a complete breakdown of VCC and some key cost parameters. Second, a part labeled "not included" which presents the cost factors as they have been reported in the questionnaires but are excluded from VCC. Third, under "estimates" the reader will find assumptions used to derive Table 4 out of the original questionnaires.

For the USA, it was not possible to distinguish between pre-harvest and harvest operations, so all costs are categorized under pre-harvest costs. Furthermore, it is important to realize that in the case of custom or contract operations (as is the case for example in Australia) part of the costs charged to the farmer concern fixed costs such as depreciation, a cost factor which, otherwise, would have been excluded.

Finally it goes without saying that, even using VCC, comparisons should be interpreted with extreme care because of the underlying differences in methods of data-collection, variations within countries and regions not reflected in the averages, differences in the qualities of cotton produced, and the use of exchange rates in transferring local currencies to US dollars.

Subject to the above limitations, three sets of graphs have been constructed. The first set (A) refers to the data for 1986/87 and concerns seed cotton yields, lint yields, ginning ratios, six main cost categories (fertilizer, pesticide, water, equipment, harvesting and ginning) as well as four cost-parameters (VCC and net-VCC both per hectare and per pound of cotton produced).

The second set of graphs (B) expresses the same 1986/87 data in relative terms. Bar-graphs are used to present the share of each cost-category over the different countries and pie-graphs are used to reveal the cost-structure in each country.

Finally, set C presents some of the cost parameters recalculated using average yields over the last three years rather than actual 1986/87 yields. Adjustments are made, as well, for the value of cottonseed left over after ginning. In this way, an attempt is made to average out possible extreme yields in the 1986/87 season and their impact on cost parameters expressed per pound of cotton.

TABLE 2 SUMMARY COSTS OF PRODUCTION IN LOCAL CURRENCIES 2/

COUNTRY	REGION/TYPE	VC/HA			VC/KG lint			TC/HA		
		84/85	86/87	Growth	84/85	86/87	Growth	84/85	86/87	Growth
Pakistan		5979	6347	6.2%	13.4	12.8	-4.4%	7593	8534	12.4%
Iran		114490	139595	21.9%	216.8	252.4	16.4%	205890	236395	14.8%
Bangladesh		6775	8527	25.9%	30.2	41.3	36.8%	N/A	N/A	N/A
Syria		8244	12045	46.1%	8.9	13.5	51.9%	10106	15427	52.7%
USA	Far West	1236	1191	-3.6%	1.06	.96	-9.1%	2082	1970	-5.4%
	S.Plains	367	306	-16.7%	1.02	1.08	6.0%	662	570	-13.9%
	Delta	658	566	-14.0%	.88	.89	.7%	1108	973	-12.2%
	S.E.	755	659	-12.7%	.94	1.25	32.1%	1186	1045	-11.9%
Australia	Queensl.	1270	1519	19.6%	1.13	1.09	-3.5%	1562	1881	20.4%
	N.S.W.	N/A	1156		N/A	.79		N/A	N/A	
Israel	Acala	N/A	3601		N/A	2.37		N/A	4426	
	Pima	N/A	3760		N/A	3.05		N/A	4585	
Colombia	V de Cauca	N/A	301973		N/A	431		N/A	392140	
	C y Meta	107328	180557	68.2%	204	328	60.5%	127578	217000	70.1%
Zambia		721	1924	166.9%	4.1	8.9	117.3%	N/A	N/A	
Malawi		324	502	54.8%	1.37	2.27	66.0%	366	558	52.6%
Burkina Faso		N/A	101877		N/A	195		N/A	103389	
Philippines		9653	10575	9.6%	16.93	18.55	9.6%	12781	13965	9.3%

TABLE 2 (Continued)

COUNTRY	REGION/TYPE	TC/KG lint			NC/HA			NC/KG lint		
		84/85	86/87	Growth	84/85	86/87	Growth	84/85	86/87	Growth
Pakistan		17.1	17.3	1.2%	5551	6248	12.6%	12.5	12.6	1.4%
Iran		389.9	427.5	9.6%	151390	164095	8.4%	286.7	296.7	3.5%
Bangladesh	1/	N/A	N/A	N/A	5698	7338	28.8%	25.4	35.6	40.1%
Syria		10.9	17.3	58.7%	8721	13683	56.9%	9.4	15.4	63.1%
USA	Far West	1.78	1.59	-10.8%	1823	1753	-3.8%	1.56	1.41	-9.3%
	S.Plains	1.83	2.00	9.5%	589	504	-14.5%	1.63	1.77	8.8%
	Delta	1.49	1.53	2.8%	1000	900	-9.9%	1.34	1.42	5.5%
	S.E.	1.48	1.98	33.3%	1063	977	-8.1%	1.33	1.85	39.1%
Australia	Queensl.	1.39	1.35	-2.8%	N/A	N/A		N/A	N/A	
	N.S.W.	N/A	N/A		N/A	N/A		N/A	N/A	
Israel	Acala	N/A	2.91		N/A	3774		N/A	2.48	
	Pima	N/A	3.72		N/A	3995		N/A	3.25	
Colombia	V de Cauca	N/A	560		N/A	N/A		N/A	N/A	
	C y Meta	243	394	62.3%	N/A	N/A		N/A	N/A	
Zambia	1/	N/A	N/A		N/A	580		N/A	2.69	
Malawi		1.54	2.53	63.7%	275	457	66.3%	1.24	2.07	66.3%
Burkina Faso		N/A	198		N/A	N/A		N/A	N/A	
Philippines		22.4	24.5	9.3%	N/A	N/A		N/A	N/A	

1/ Net costs based on variable costs - value of cottonseed

2/ Pakistan, Rupee; Iran, Rial; Bangladesh, Taka; Syria, Pound; USA, Dollar; Australia, Dollar; Israel, Sheqalim; Colombia, Peso; Zambia, Kwacha; Malawi, Kwacha; Burkina Faso, FCFA; Philippines, Peso.

TABLE 3 SUMMARY COSTS OF PRODUCTION IN US\$

COUNTRY	REGION/TYPE	VC/HA			VC/KG lint			TC/HA		
		84/85	86/87	Growth	84/85	86/87	Growth	84/85	86/87	Growth
Pakistan		386	370	-4.2%	.87	.75	-13.7%	490	497	1.4%
Iran		1527	1861	21.9%	2.89	3.37	16.4%	2745	3152	14.8%
Bangladesh		242	266	10.1%	1.08	1.29	19.7%	N/A	N/A	N/A
Syria		2114	3088	46.1%	2.29	3.47	51.9%	2591	3956	52.7%
USA	Far West	1236	1191	-3.6%	1.06	.96	-9.1%	2082	1970	-5.4%
	S.Plains	367	306	-16.7%	1.02	1.08	6.0%	662	570	-13.9%
	Delta	658	566	-14.0%	.88	.89	.7%	1108	973	-12.2%
	S.E.	755	659	-12.7%	.94	1.25	32.1%	1186	1045	-11.9%
Australia	Queensl.	985	966	-1.8%	.88	.70	-20.5%	1211	1196	-1.2%
	N.S.W.	N/A	736		N/A	.50		N/A	N/A	
Israel	Acala	N/A	2401		N/A	1.58		N/A	2951	
	Pima	N/A	2507		N/A	2.04		N/A	3057	
Colombia	V de Cauca	N/A	1285		N/A	1.84		N/A	1669	
	C y Meta	887	802	-9.5%	1.69	1.46	-13.7%	1054	964	-8.5%
Zambia		288	192	-33.3%	1.64	.89	-45.7%	N/A	N/A	
Malawi		178	178	.1%	.75	.80	7.3%	200	198	-1.4%
Burkina Faso		N/A	309		N/A	.59		N/A	313	
Philippines		519	516	-.6%	.91	.91	-.6%	687	681	-.9%

TABLE 3 (Continued)

COUNTRY	REGION/TYPE	TC/KG lint			NC/HA			NC/KG lint		
		84/85	86/87	Growth	84/85	86/87	Growth	84/85	86/87	Growth
Pakistan		1.10	1.01	-8.7%	358	364	1.5%	.81	.74	1.4%
Iran		5.20	5.70	9.6%	2019	2188	8.4%	3.82	3.96	3.5%
Bangladesh	1/	N/A	N/A	N/A	203	229	12.7%	.91	1.11	22.5%
Syria		2.80	4.44	58.7%	2236	3508	56.9%	2.42	3.94	63.1%
USA	Far West	1.78	1.59	-10.8%	1823	1753	-3.8%	1.56	1.41	-9.3%
	S.Plains	1.83	2.00	9.5%	589	504	-14.5%	1.63	1.77	8.8%
	Delta	1.49	1.53	2.8%	1000	900	-9.9%	1.34	1.42	5.5%
	S.E.	1.48	1.98	33.3%	1063	977	-8.1%	1.33	1.85	39.1%
Australia	Queensl.	1.08	.86	-20.0%	N/A	N/A		N/A	N/A	
	N.S.W.	N/A	N/A		N/A	N/A		N/A	N/A	
Israel	Acala	N/A	1.94		N/A	2516		N/A	1.66	
	Pima	N/A	2.48		N/A	2663		N/A	2.16	
Colombia	V de Cauca	N/A	2.38		N/A	N/A		N/A	N/A	
	C y Meta	2.01	1.75	-12.7%	N/A	N/A		N/A	N/A	
Zambia	1/	N/A	N/A		N/A	58		N/A	.27	
Malawi		.85	.89	5.7%	151	162	7.5%	.64	.73	15.2%
Burkina Faso		N/A	.60		N/A	N/A		N/A	N/A	
Philippines		1.21	1.2	-.9%	N/A	N/A		N/A	N/A	

1/ Net costs based on variable costs - value of cottonseed

TABLE 4

INTERCOUNTRY COMPARISON OF COSTS OF PRODUCTION

1986/87	Pakistan	Iran	Bangladesh	Syria	USA (Far West)	USA (S.Pl.)
CASH-COSTS						
SC Yield (kg/ha)	1483	1840	619	2500	3884	1240
Lt Yield (kg/ha)	494	553	206	890	1241	284
Ginn. Ratio (%)	33.3%	30.1%	33.3%	35.6%	32.0%	22.9%
Excng. rate (lc/US\$)	17.17	75	32	3.9	1	1
in US \$ per hectare						
Inputs						
seed	4.03	53.33	1.38	41.03	24.59	20.68
fertilizers	38.43	29.33	44.26	198.97	116.73	19.64
pesticides	115.14	106.60	30.10	47.43	168.96	57.13
water	11.51	320.00		265.38	81.30	3.33
other						
Total	169.11	509.27	75.74	552.81	391.58	100.78
Equipment						
irrigation	4.84			628.21		
power	14.40	253.33	10.00		198.92	73.76
other	8.64					
Total	27.87	253.33	10.00	628.21	198.92	73.76
Custom/Contract						
					136.33	16.98
Others						
					77.37	22.90
Interest						
	22.44	85.97	8.81	75.90	19.25	5.38
Harvest						
mechn.					not specified	not specified
manual	24.67	624.00	22.66	733.33		
other			6.61	70.00		
Total	24.67	624.00	29.27	803.33		
Ginning						
transport			2.35	139.74		
ginning	73.40	162.67	5.52	205.13	276.68	64.91
Total	73.40	162.67	7.88	344.87	276.68	64.91
CASH-COSTS/ha						
	317.49	1,635.23	131.70	2,405.12	1,100.13	284.71
CASH-COSTS/kg sc						
	.21	.89	.21	.96	.28	.23
CASH-COSTS/kg lint						
	.64	2.96	.64	2.70	.89	1.00
CASH-COSTS/lb lint						
	.29	1.34	.29	1.23	.40	.45
Value of cottonseed						
	133.12	964.00	37.14	447.18	216.31	65.73
Net CASH-COSTS/ha						
	184.37	671.23	94.56	1,957.94	883.82	218.98
Net CASH-COSTS/kg sc						
	.12	.36	.15	.78	.23	.18
Net CASH-COSTS/kg lint						
	.37	1.21	.46	2.20	.71	.77
Net CASH-COSTS/lb lint						
	.17	.55	.21	1.00	.32	.35
NOT INCLUDED						
Irrigation labor	23.38	160.00	129.14			
Power labor	28.78	152.00	15.44	315.13	115.75	41.98
Manual labor				368.21		
Fixed Costs						
equipment					158.05	73.44
landcharge		1,066.67		748.72	295.12	64.72
other	107.94				237.47	37.61
Management&Adm.	19.43			118.46		
ESTIMATED						
interest on operating cap.		x				
% var.costs in eqpm power			x			
ginning ratio						
% var.costs in eqpm irr						

TABLE 4

(Continued)

1986/87	USA (Delta)	USA (S.E.)	Australia (Queensl.)	Australia (NSW)	Colombia (V de C)	Colombia (C y Meta)
CASH-COSTS						
SC Yield (kg/ha)	1931	1579	3971	4200	2000	1572
Lt Yield (kg/ha)	636	529	1390	1470	700	550
Ginn. Ratio (%)	32.9%	33.5%	35.0%	35.0%	35.0%	35.0%
Excng. rate (lc/US\$)	1	1	1.57	1.57	235	225
in US \$ per hectare						
Inputs						
seed	17.82	17.05	12.74	14.01	18.62	11.73
fertilizers	73.14	113.42	95.54	58.85	155.74	52.30
pesticides	199.02	267.17	209.05	147.14	64.68	193.62
water			56.69	10.04		
other						
Total	289.98	397.64	374.02	230.05	239.03	257.65
Equipment						
irrigation				5.10	17.55	
power	77.37	72.08	35.03	43.61	85.30	76.89
other						
Total	77.37	72.08	35.03	48.71	102.86	76.89
Custom/Contract	24.36	28.61	61.78	163.06	15.74	11.20
Others	34.8	30.84			80.85	72.02
Interest	8.15	10.58	59.24	44.20	131.91	73.50
Harvest						
mechn.	not specified	not specified	159.24	60.51	116.17	94.11
manual						
other			27.32	16.56	30.64	6.93
Total			186.56	77.07	146.81	101.04
Ginning						
transport				33.76	48.17	47.25
ginning	106.65	98.82	154.53	183.50	80.85	75.45
Total	106.65	98.82	154.53	217.26	129.02	122.71
CASH-COSTS/ha	541.31	638.57	871.15	780.35	846.23	715.01
CASH-COSTS/kg sc	.28	.40	.22	.19	.42	.45
CASH-COSTS/kg lint	.85	1.21	.63	.53	1.21	1.30
CASH-COSTS/lb lint	.39	.55	.28	.24	.55	.59
Value of cottonseed	72.72	67.43				
Net CASH-COSTS/ha	468.59	571.14	N/A	N/A	N/A	N/A
Net CASH-COSTS/kg sc	.24	.36	N/A	N/A	N/A	N/A
Net CASH-COSTS/kg lint	.74	1.08	N/A	N/A	N/A	N/A
Net CASH-COSTS/lb lint	.33	.49	N/A	N/A	N/A	N/A
NOT INCLUDED						
Irrigation labor			95.54		157.98	
Power labor	42.35	38.10				
Manual labor					114.04	87.47
Fixed Costs						
equipment	123.06	135.36	135.03			
landcharge	114.98	92.98	19.11		208.51	80.00
other	81.27	69.06			92.88	34.58
Management&Adm.			76.43		82.30	47.39
ESTIMATED						
interest on operating cap.				x		
% var.costs in eqpm power						
ginning ratio					x	x
% var.costs in eqpm irr					x	

TABLE 4

(Continued)

1986/87	Israel (Acala)	Israel (Pima)	Zambia	Malawi	Philippines	Burkina F
CASH-COSTS						
SC Yield (kg/ha)	4570	3693	600	655	1500	1329
Lt Yield (kg/ha)	1520	1231	216	221	570	525
Ginn. Ratio (%)	33.3%	33.3%	36.0%	33.7%	38.0%	39.5%
Excng. rate (lc/US\$)	1.5	1.5	10	2.82	20.5	330

in US \$ per hectare						
Inputs						
seed	18.00	18.00		free	5.85	1.21
fertilizers	150.00	150.00			48.29	51.82
pesticides	370.00	386.67	52.00	49.47	100.54	29.09
water	500.00	500.00				
other						
Total	1,038.00	1,054.67	52.00	49.47	154.68	82.12

Equipment						
irrigation	50.00	50.00			20.49	
power	200.00	200.00	30.00		10.00	6.06
other						
Total	250.00	250.00	30.00		30.49	6.06

Custom/Contract				4.26		

Others						

Interest	120.00	120.00	6.56	5.30	24.39	8.87

Harvest						
mechn.	200.00	200.00				
manual			8.45	11.59	48.78	36.36
other						
Total	200.00	200.00	8.45	11.59	48.78	36.36

Ginning						
transport			60.00	12.41	29.27	
ginning	342.75	432.00	42.00	31.40	58.95	161.48
Total	342.75	432.00	102.00	43.81	88.21	161.48

CASH-COSTS/ha	1,950.75	2,056.67	199.01	114.43	346.56	294.90
CASH-COSTS/kg sc	.43	.56	.33	.17	.23	.22
CASH-COSTS/kg lint	1.28	1.67	.92	.52	.61	.56
CASH-COSTS/lb lint	.58	.76	.42	.23	.28	.25

Value of cottonseed	434.67	393.33	134.40	35.72		

Net CASH-COSTS/ha	1,516.09	1,663.33	64.61	78.71	N/A	N/A
Net CASH-COSTS/kg sc	.33	.45	.11	.12	N/A	N/A
Net CASH-COSTS/kg lint	1.00	1.35	.30	.36	N/A	N/A
Net CASH-COSTS/lb lint	.45	.61	.14	.16	N/A	N/A

NOT INCLUDED						
Irrigation labor	450.00	450.00				
Power labor						22.73
Manual labor				63.37	53.66	
Fixed Costs						
equipment	450.00	450.00				4.55
landcharge	100.00	100.00			53.66	
other						
Management&Adm.				19.84	111.73	

ESTIMATED						
interest on operating cap.			x			x
% var.costs in eqpm power					x	
ginning ratio						
% var.costs in eqpm irr						

TABLE 5

INTERCOUNTRY COMPARISON OF COSTS OF PRODUCTION
BASED ON 3 YEAR AVERAGE YIELDS 2/

	Pakistan	Iran	Bangladesh	Syria	USA (Far West)	USA (S.Pl.)
CASH-COSTS						
SC Yield (kg/ha)	1384	1758	670	2548	3850	1550
Lt Yield (kg/ha)	461	542	223	898	1232	355
Ginn. Ratio (%)	33.3%	30.8%	33.3%	35.2%	32.0%	22.9%
Excng. rate (lc/US\$)	17.17	75	32	3.9	1	1

in US \$ per hectare						
Inputs						
seed	4.03	53.33	1.38	41.03	24.59	20.68
fertilizers	38.43	29.33	44.26	198.97	116.73	19.64
pesticides	115.14	106.60	30.10	47.43	168.96	57.13
water	11.51	320.00		265.38	81.30	3.33
others						
Total	169.11	509.27	75.74	552.81	391.58	100.78

Equipment						
irrigation	4.84			628.21		
power	14.40	253.33	10.00		198.92	73.76
other	8.64					
Total	27.87	253.33	10.00	628.21	198.92	73.76

Custom/Contract					136.33	16.98

Others					77.37	22.9

Interest		22.44	85.97	8.81	75.90	19.25

Harvest					not	not
mechn.					specified	specified
manual	24.67	624.00	22.66	733.33		
other			6.61	70.00		
Total	24.67	624.00	29.27	803.33		

Ginning						
transport			2.35	139.74		
ginning	68.50	159.43	5.68	206.97	274.67	81.14
Total	68.50	159.43	8.04	346.72	274.67	81.14

CASH-COSTS/ha	312.58	1,632.00	131.86	2,406.97	1,098.12	300.94
CASH-COSTS/kg sc	.23	.93	.20	.94	.29	.19
CASH-COSTS/kg lint	.68	3.01	.59	2.68	.89	.85
CASH-COSTS/lb lint	.31	1.37	.27	1.22	.40	.38

Value of cottonseed	124.17	936.00	40.19	458.25	216.31	63.15

Net CASH-COSTS/ha	188.41	696.00	91.67	1,948.72	881.81	237.79
Net CASH-COSTS/kg sc	.14	.40	.14	.76	.23	.15
Net CASH-COSTS/kg lint	.41	1.28	.41	2.17	.72	.67
NET CASH-COSTS/lb lint	.19	.58	.19	.98	.32	.30

NOT INCLUDED						
Irrigation labor	23.38	160.00	129.14			
Power labor	28.78	152.00	15.44	315.13	115.75	41.98
Manual labor				368.21		
Fixed Costs						
equipment					158.05	73.44
landcharge		1,066.67		748.72	295.12	64.72
other	107.94				237.47	37.61
Management&Adm.	19.43			118.46		

ESTIMATED						
interest on operating cap.		x				
% var. costs in eqpm power			x			
ginning ratio						
% var. costs in eqpm irr						

1/ In case of Australia, Colombia, USA and Israel constant ginning ratios have been assumed.

2/ Adjustments are made for ginning costs and value of cottonseed.

TABLE 5

(Continued)

	USA (Delta)	USA (S.E.)	Australia (Queensl)	Australia (NSW)	Colombia (V de C)	Colombia (C y Meta)
CASH-COSTS						
SC Yield (kg/ha)	2195	2134	3954	4371	1863	1524
Lt Yield (kg/ha)	722	715	1384	1530	652	533
Ginn. Ratio (%)	32.9%	33.5%	35.0%	35.0%	35.0%	35.0%
Excng. rate (lc/US\$)	1	1	1.57	1.57	235	225

in US \$ per hectare						
Inputs						
seed	17.82	17.05	12.74	14.01	18.62	11.73
fertilizers	73.14	113.42	95.54	58.85	155.74	52.30
pesticides	199.02	267.17	209.05	147.14	64.68	193.62
water			56.69	10.04		
others						
Total	289.98	397.64	374.02	230.05	239.03	257.65

Equipment						
irrigation				5.10	17.55	
power	77.37	72.08	35.03	43.61	85.30	76.89
other						
Total	77.37	72.08	35.03	48.71	102.86	76.89

Custom/Contract	24.36	28.61	61.78	163.06	15.74	11.20

Others	34.8	30.84			80.85	72.02

Interest	8.15	10.58	59.24	44.20	131.91	73.50

Harvest						
mechn.	not	not	159.24	60.51	116.17	94.11
manual	specified	specified				
other			27.31	16.56	30.64	6.93
Total			186.55	77.07	146.81	101.04

Ginning						
transport				33.76	48.17	47.25
ginning	121.07	133.67	153.86	190.99	75.31	70.86
Total	121.07	133.67	153.86	224.75	123.48	118.11

CASH-COSTS/ha	555.73	673.42	870.48	787.83	840.69	710.41
CASH-COSTS/kg sc	.25	.32	.22	.18	.45	.47
CASH-COSTS/kg lint	.77	.94	.63	.51	1.29	1.33
CASH-COSTS/lb lint	.35	.43	.29	.23	.58	.60

Value of cottonseed	82.61	87.21				

Net CASH-COSTS/ha	473.12	586.21	N/A	N/A	N/A	N/A
Net CASH-COSTS/kg sc	.22	.27	N/A	N/A	N/A	N/A
Net CASH-COSTS/kg lint	.66	.82	N/A	N/A	N/A	N/A
NET CASH-COSTS/lb lint	.30	.37	N/A	N/A	N/A	N/A

NOT INCLUDED						
Irrigation labor			95.54		157.98	
Power labor	42.35	38.10				
Manual labor					114.04	87.47
Fixed Costs						
equipment	123.06	135.36	135.03			
landcharge	114.98	92.98	19.11		208.51	80.00
other	81.27	69.06			40.78	34.58
Management&Adm.			76.43		82.30	47.39

ESTIMATED						
interest on operating cap.				x		
% var. costs in eqpm power						
ginning ratio					x	x
% var. costs in eqpm irr					x	

1/ In case of Australia, Colombia, USA and Israel constant ginning ratios have been assumed.

2/ Adjustments are made for ginning costs and value of cottonseed.

TABLE 5

(Continued)

	Israel (Acala)	Israel (Pima)	Zambia	Malawi	Philippines	Burkina F
CASH-COSTS						
SC Yield (kg/ha)	4615	3415	610	685	1513	1207
Lt Yield (kg/ha)	1537	1137	212	232	575	476
Ginn. Ratio (%)	33.3%	33.3%	34.8%	33.9%	38.0%	39.4%
Excng. rate (lc/US\$)	1.5	1.5	10	2.82	20.5	330
----- in US \$ per hectare						
Inputs						
seed	18.00	18.00		free	5.85	1.21
fertilizers	150.00	150.00			48.29	51.82
pesticides	370.00	386.67	52.00	49.47	100.54	29.09
water	500.00	500.00				
others						
Total	1,038.00	1,054.67	52.00	49.47	154.68	82.12

Equipment						
irrigation	50.00	50.00			20.49	
power	200.00	200.00	30.00		10.00	6.06
other						
Total	250.00	250.00	30.00		30.49	6.06

Custom/Contract				4.26		

Others						

Interest	120.00	120.00	6.56	5.30	24.39	8.87

Harvest						
mechn.	200.00	200.00				
manual			8.45	11.59	48.78	36.36
other						
Total	200.00	200.00	8.45	11.59	48.78	36.36

Ginning						
transport			60.00	12.41	29.27	
ginning	346.58	399.01	41.22	34.53	59.47	146.41
Total	346.58	399.01	101.22	46.94	88.74	146.41

CASH-COSTS/ha	1,954.58	2,023.68	198.23	117.56	347.08	279.83
CASH-COSTS/kg sc	.42	.59	.32	.17	.23	.23
CASH-COSTS/kg lint	1.27	1.78	.94	.51	.60	.59
CASH-COSTS/lb lint	.58	.81	.42	.23	.27	.27

Value of cottonseed	438.95	363.72	139.18	40.87		

Net CASH-COSTS/ha	1,515.63	1,659.96	59.05	76.69	N/A	N/A
Net CASH-COSTS/kg sc	.33	.49	.10	.11	N/A	N/A
Net CASH-COSTS/kg lint	.99	1.46	.28	.33	N/A	N/A
NET CASH-COSTS/lb lint	.45	.66	.13	.15	N/A	N/A

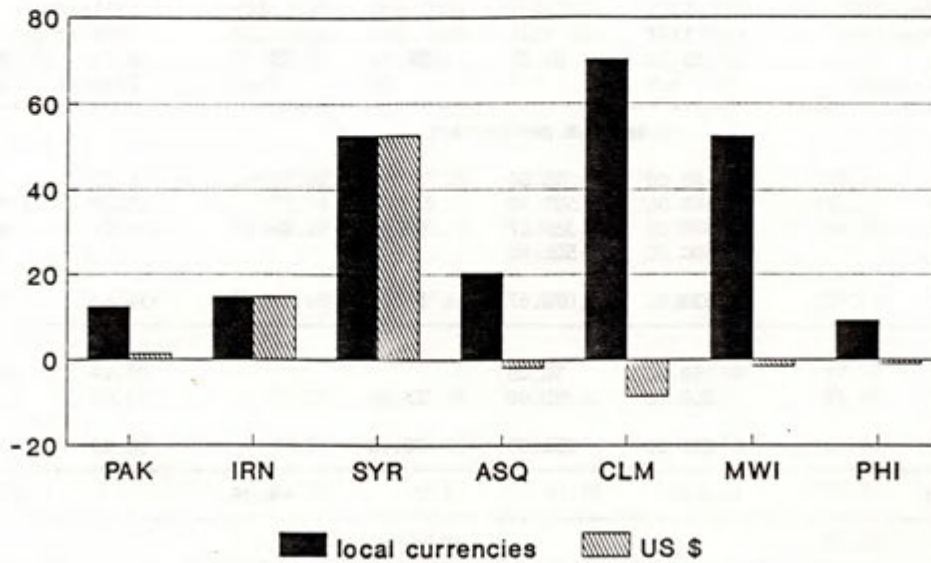
NOT INCLUDED						
Irrigation labor	450.00	450.00			10.98	
Power labor					114.63	22.73
Manual labor				63.37	53.66	
Fixed Costs						
equipment	450.00	450.00				4.55
landcharge	100.00	100.00			53.66	
other						
Management&Adm.				19.84	111.73	

ESTIMATED						
interest on operating cap.			x			x
% var. costs in eqpm power					x	
ginning ratio						
% var. costs in eqpm irr						

1/ In case of Australia, Colombia, USA and Israel constant ginning ratios have been assumed.

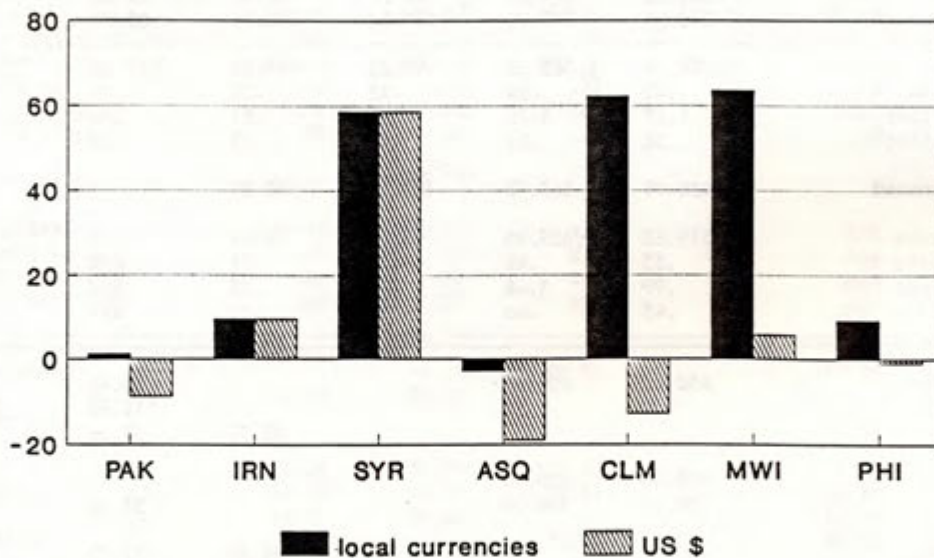
2/ Adjustments are made for ginning costs and value of cottonseed.

1. Growth of Total Costs/Ha in local currencies and US \$



1984/85 to 1986/87

2. Growth of Total Costs/kg lint in local currencies and US \$



1984/85 to 1986/87

A

Comparative Charts

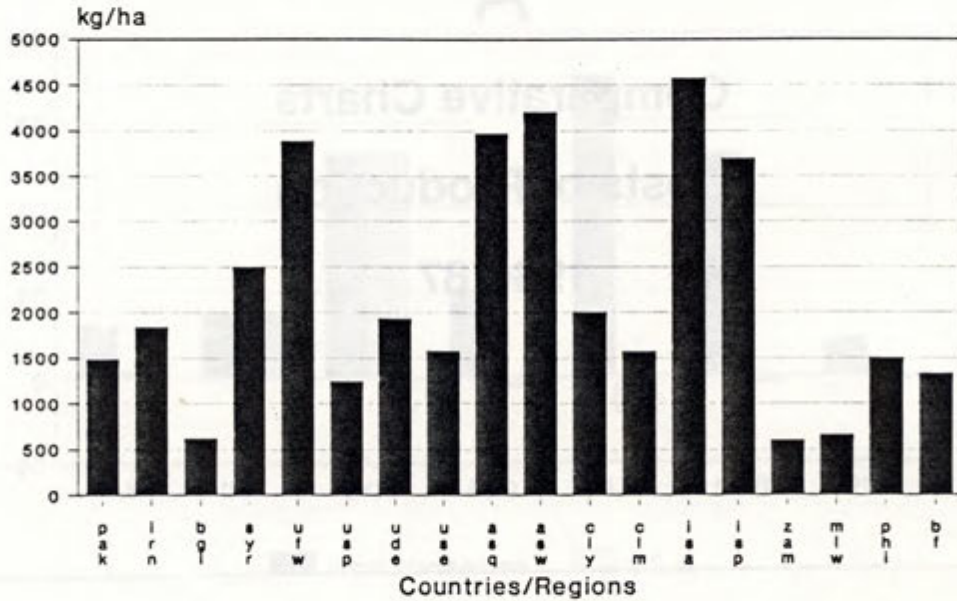
Costs of Production

1986/87

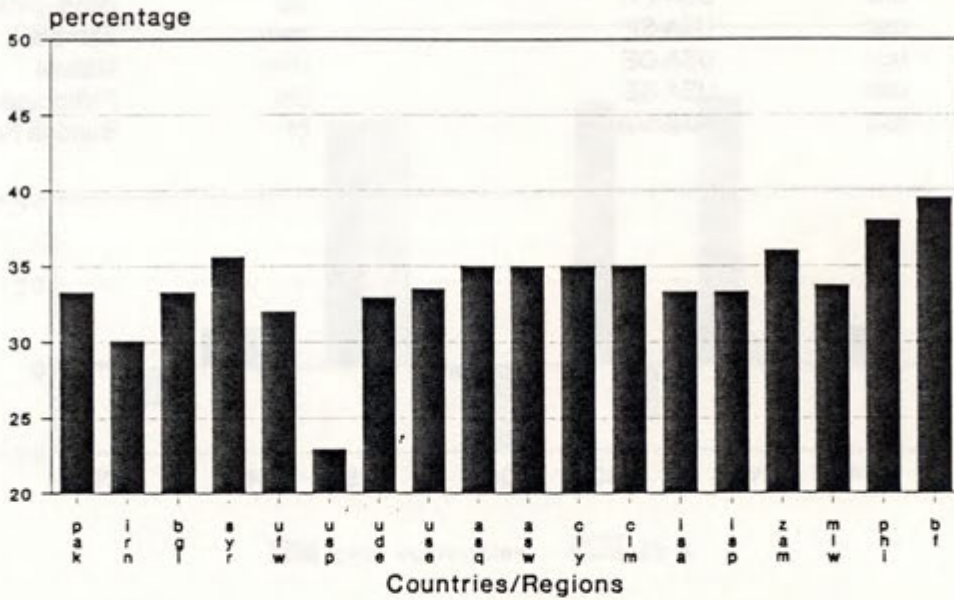
LEGEND TO CHARTS

pak	Pakistan	asw	Australia-NSW
irn	Iran	cly	Colombia-VdC
bgl	Bangladesh	clm	Colombia-CyM
syr	Syria	isa	Israel-acala
ufw	USA-FW	isp	Israel-pima
usp	USA-SP	zam	Zambia
ude	USA-DE	mlw	Malawi
use	USA-SE	phi	Philippines
asq	Australia-QL	bf	Burkina Faso

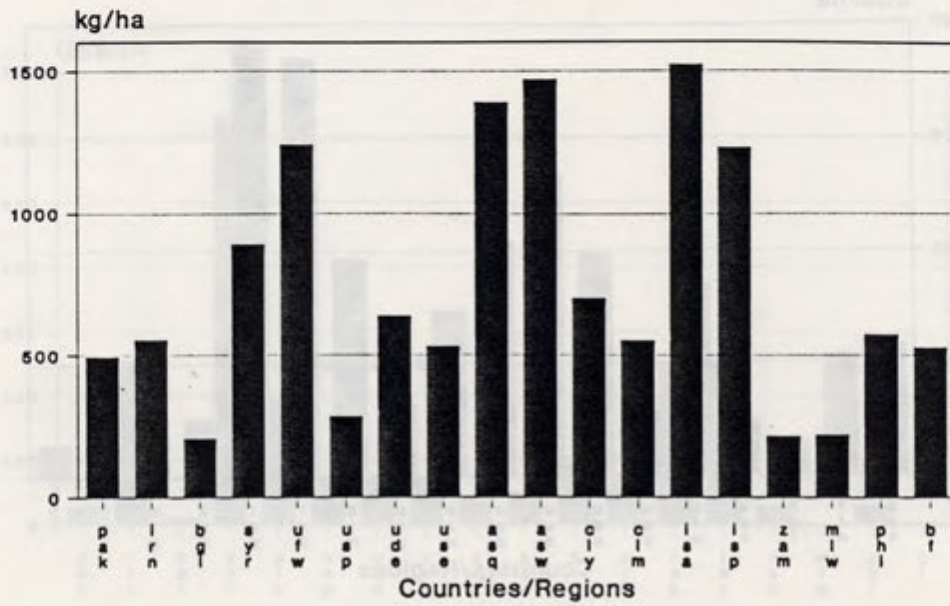
Seed Cotton Yield 86/87



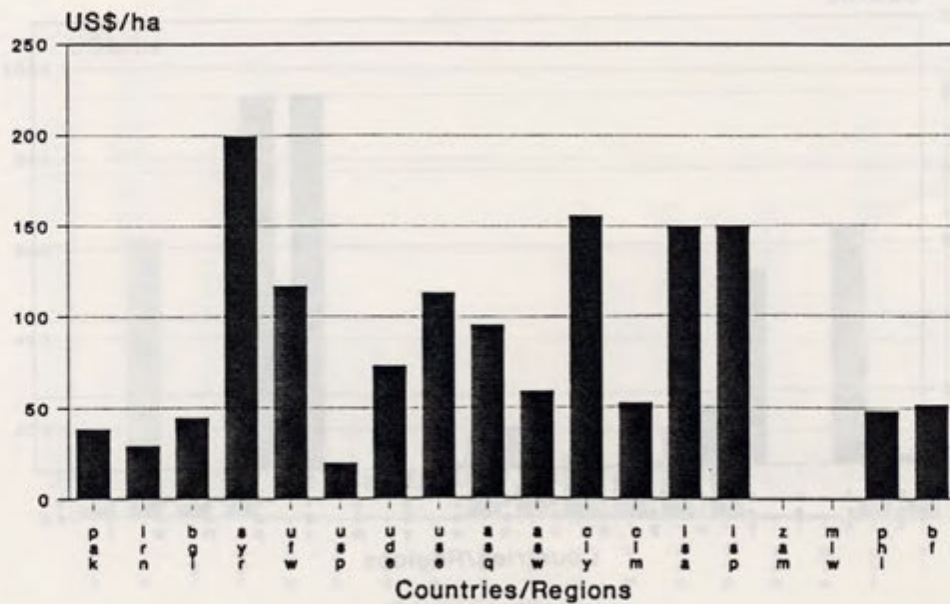
Ginning Ratio 86/87



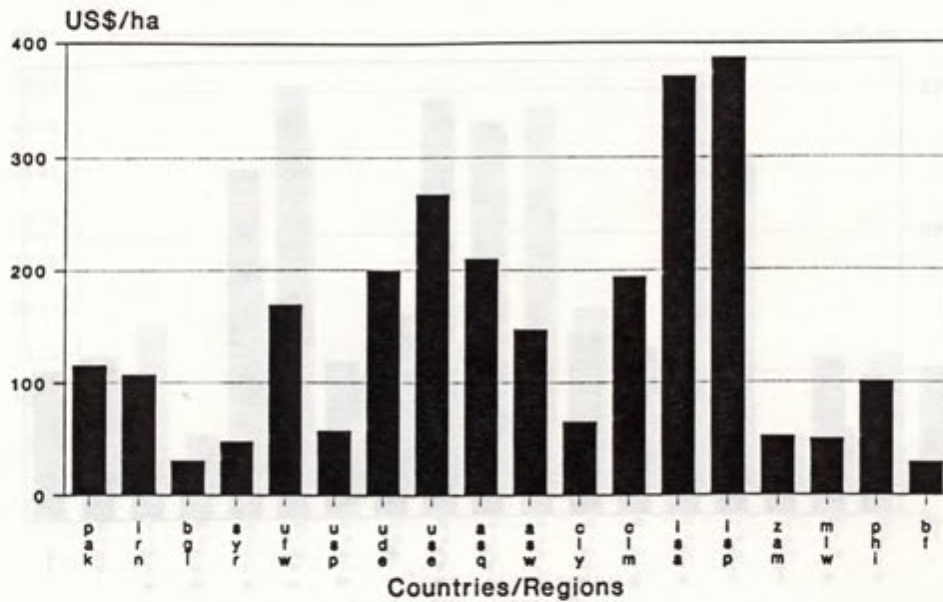
Lint Yield 86/87



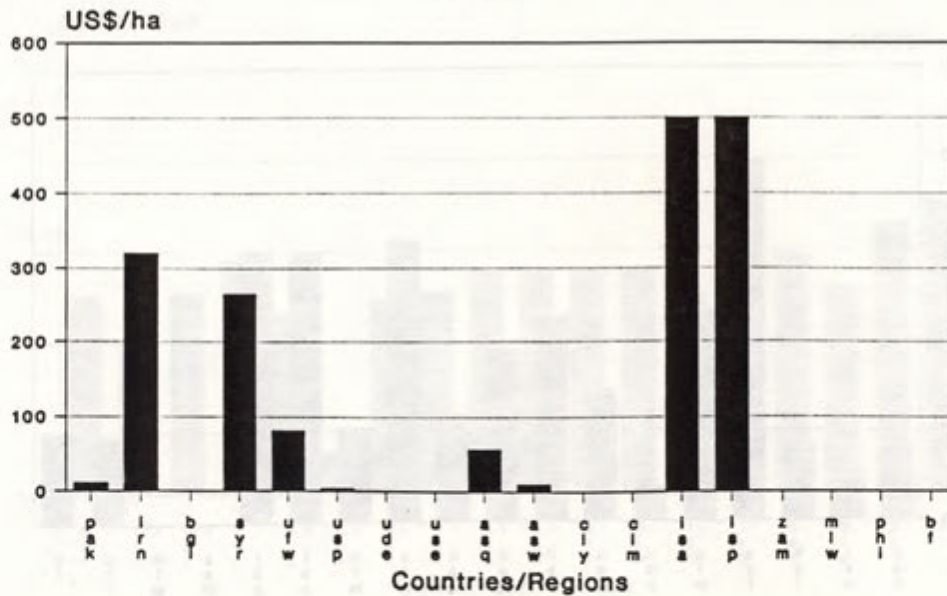
Fertilizer Costs 86/87



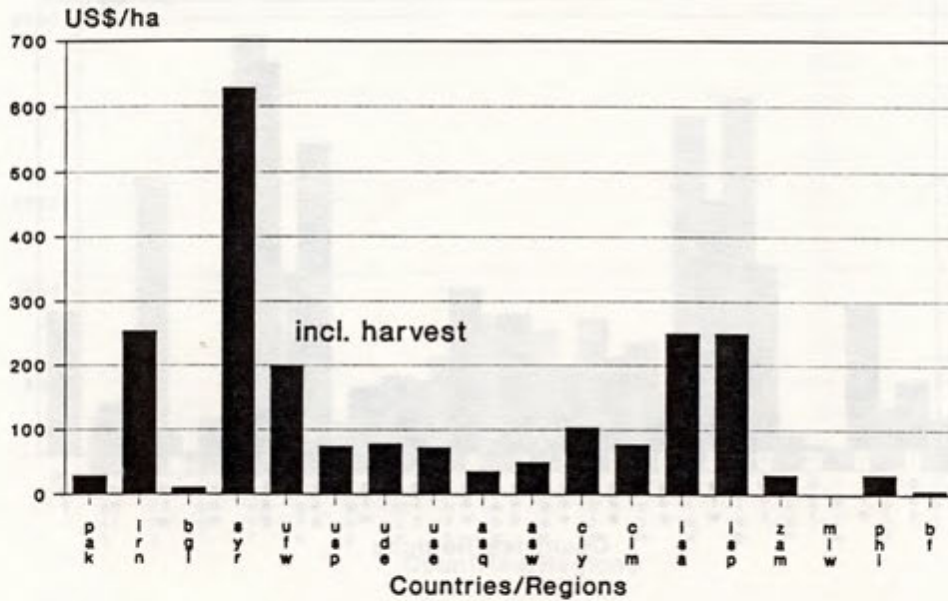
Pesticide Costs 86/87



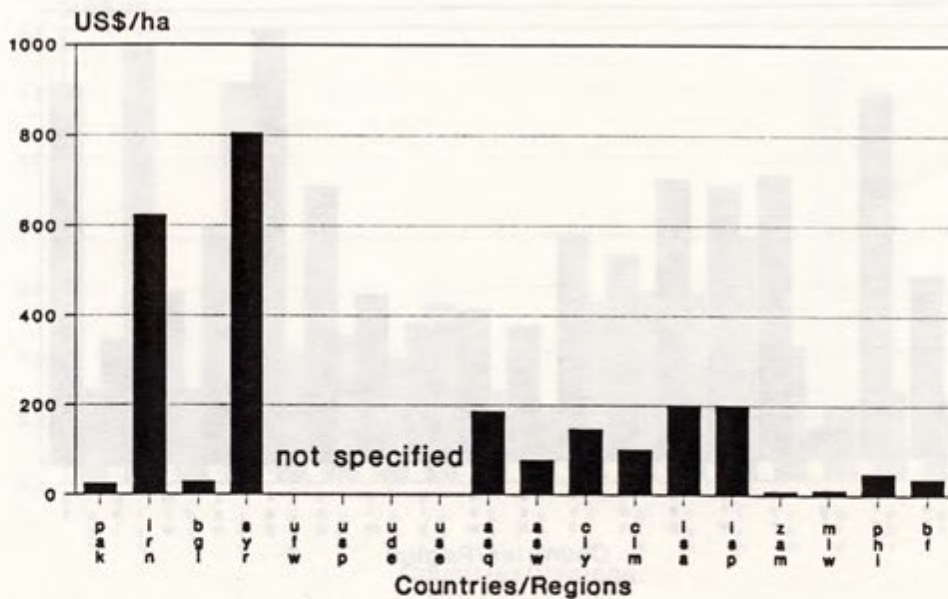
Water Costs 86/87



Equipment Costs 86/87

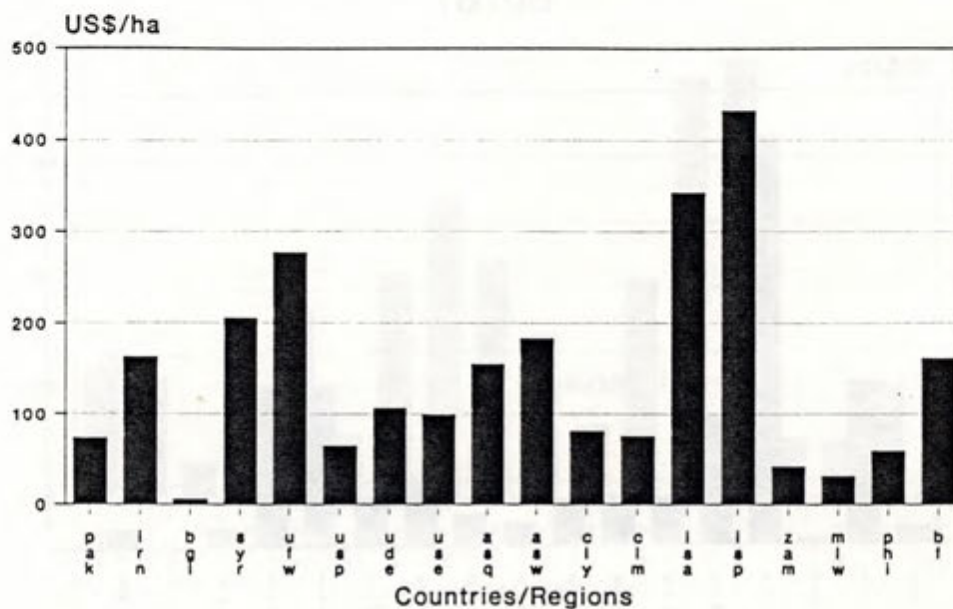


Harvesting Costs 86/87

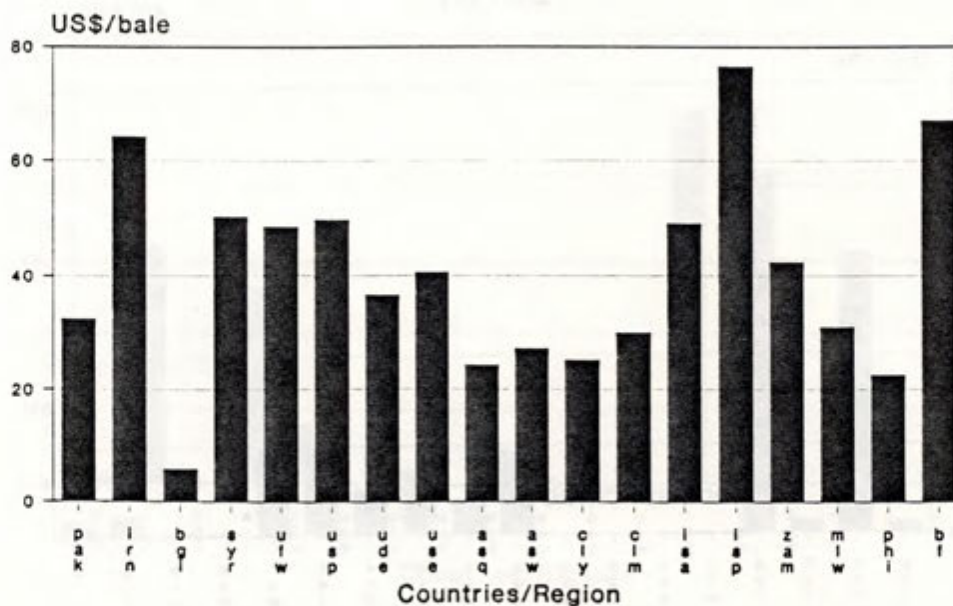


Harvest costs incl. in equipment costs

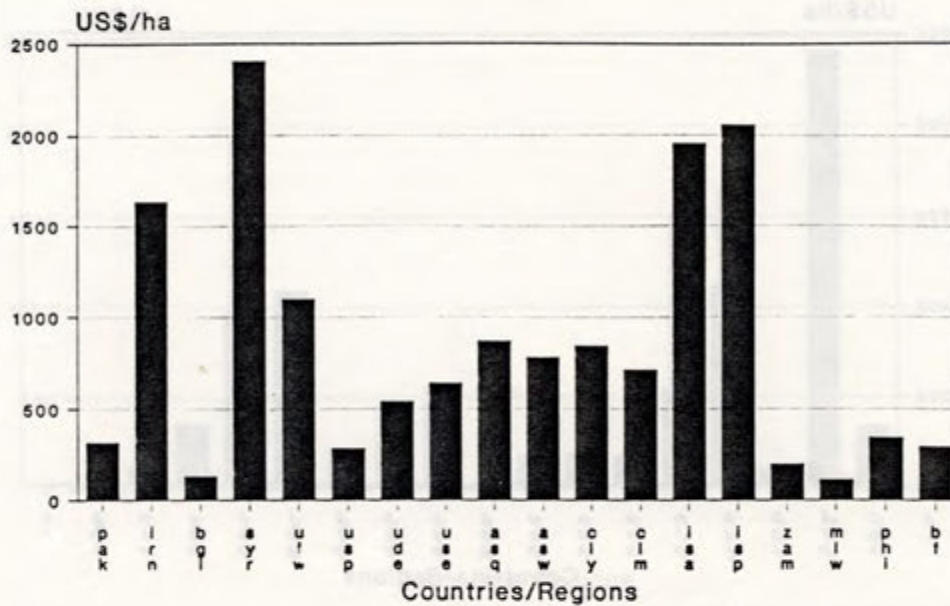
Ginning Costs 86/87



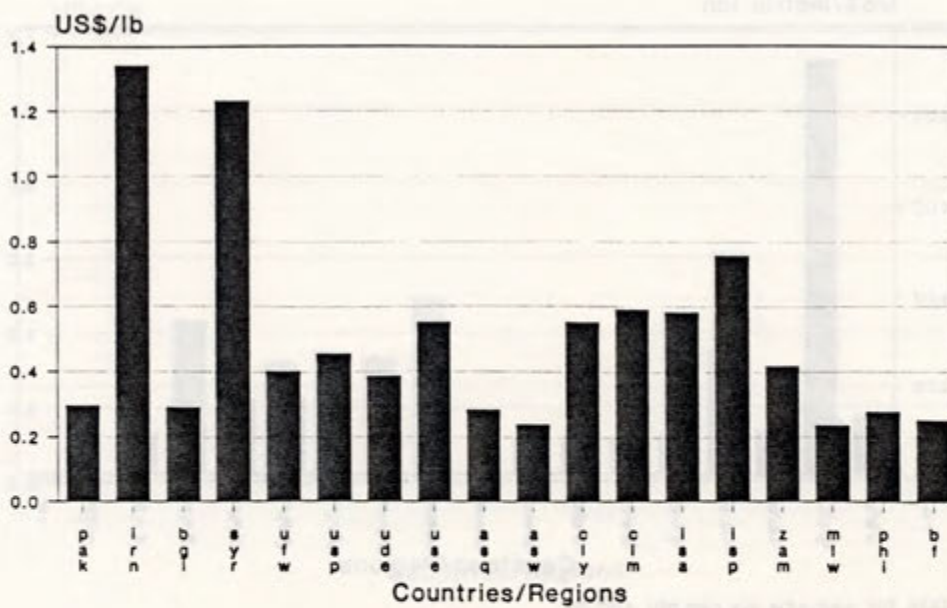
Ginning Costs/Bale 86/87



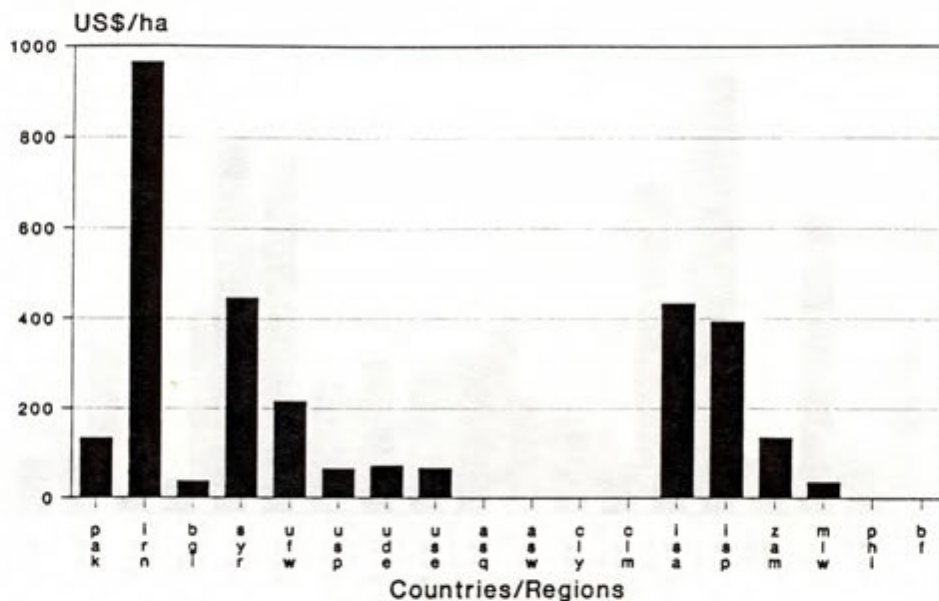
Variable Cash Costs/Ha 86/87



Variable Cash Costs/Lb 86/87

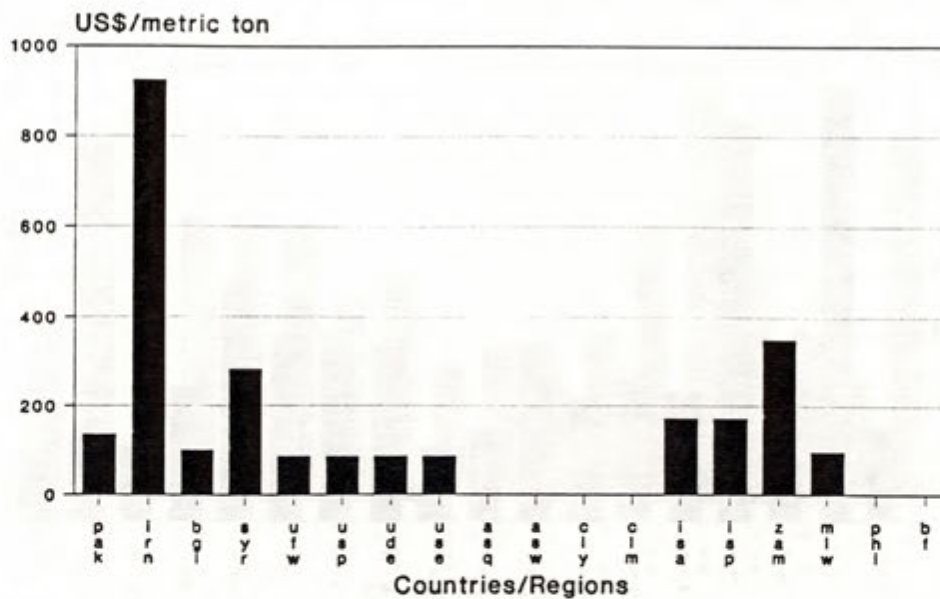


Value of Cotton Seed 86/87



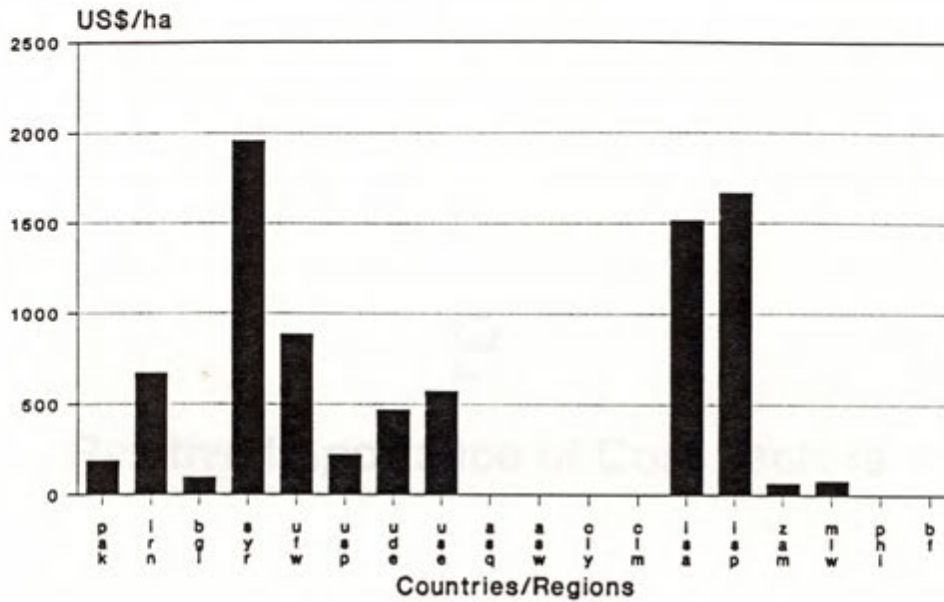
No data for asq,asw,clv,ctm,phi and bf

Price of Cotton Seed 86/87

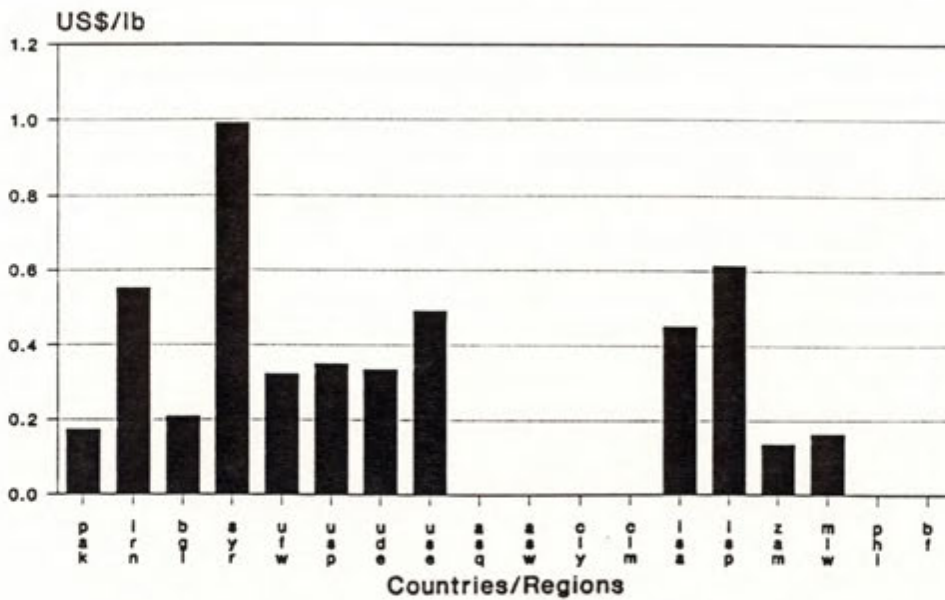


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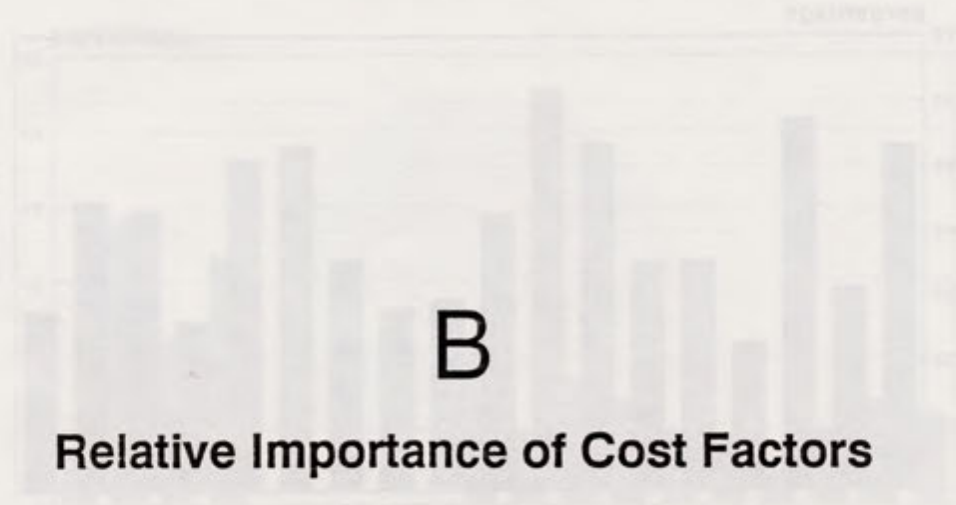
Net Variable Cash Costs/Ha 86/87



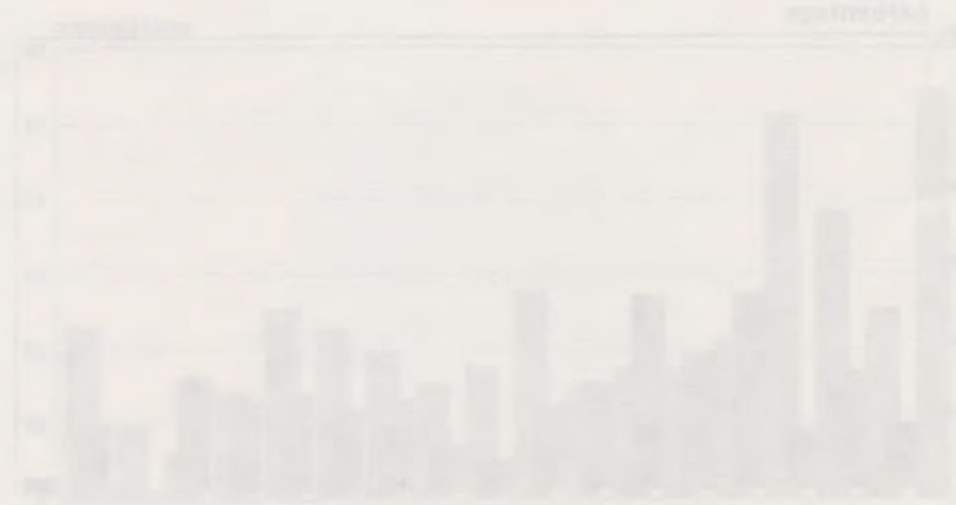
Net Variable Cash Costs/Lb 86/87



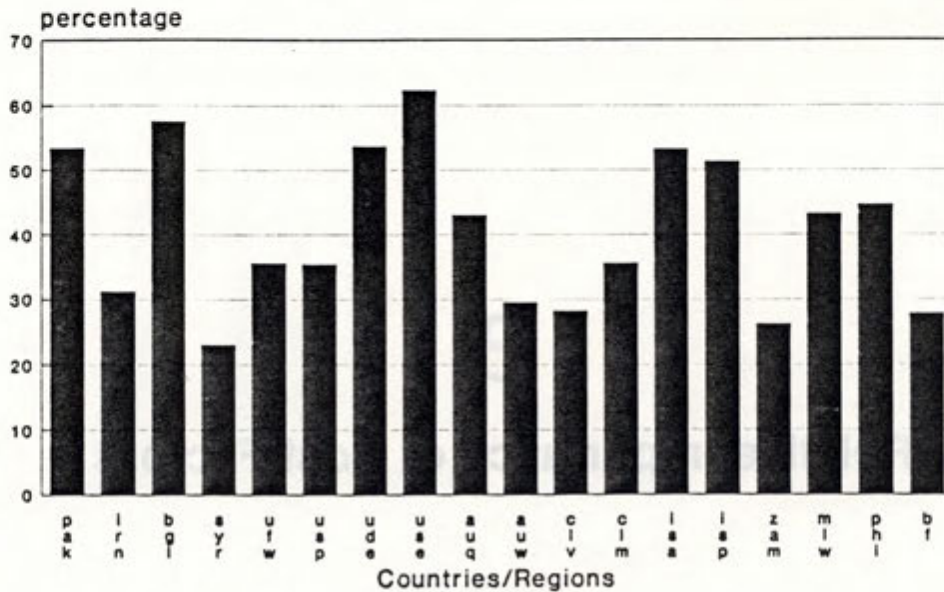
Share of Input Costs
Share of Total Variable Costs
Share of Total Cash Costs



Share of Input Costs
Share of Total Variable Costs
Share of Total Cash Costs

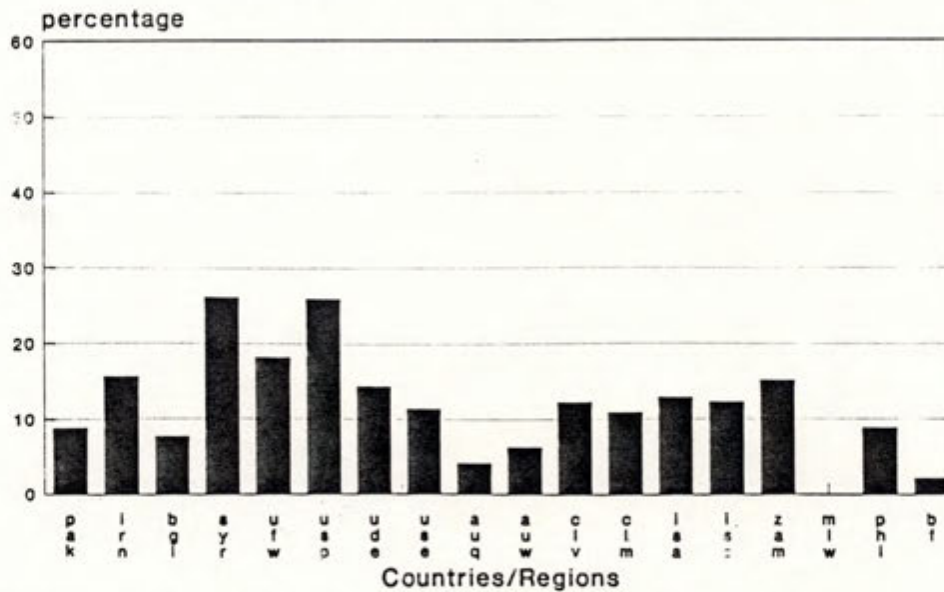


Share of Input Costs in variable cash costs



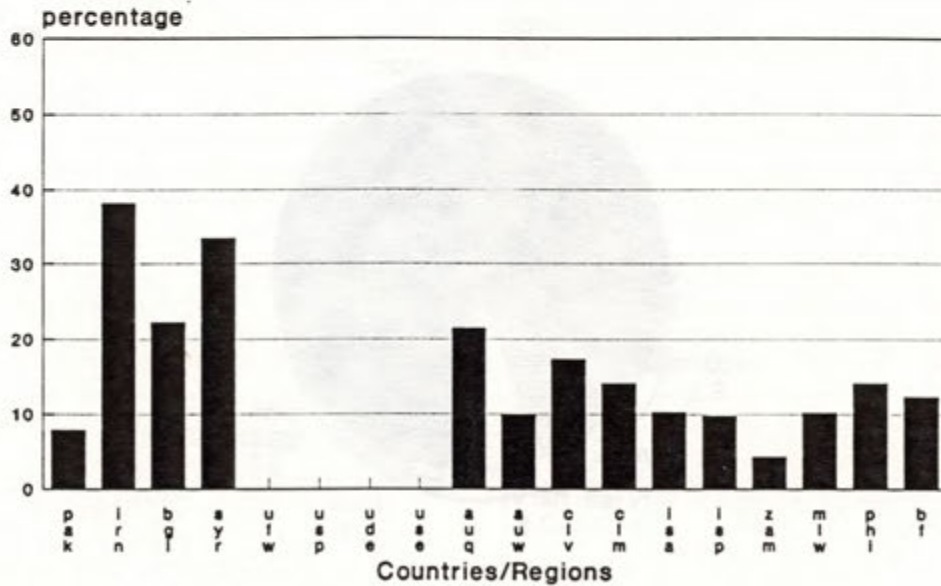
Incl. seed,fert,pestc,water and others

Share of Equipment Costs in variable cash costs



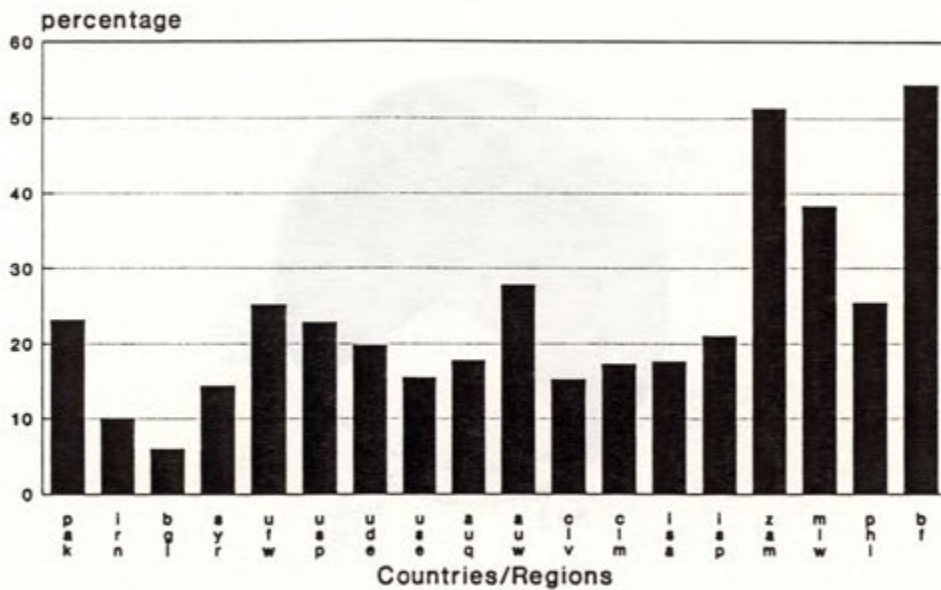
Data for USA include harvesting costs

Share of Harvesting Costs in variable cash costs

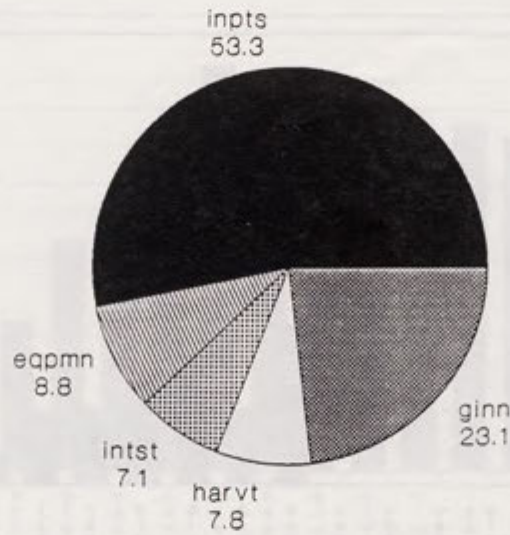


For the USA costs included in equipment

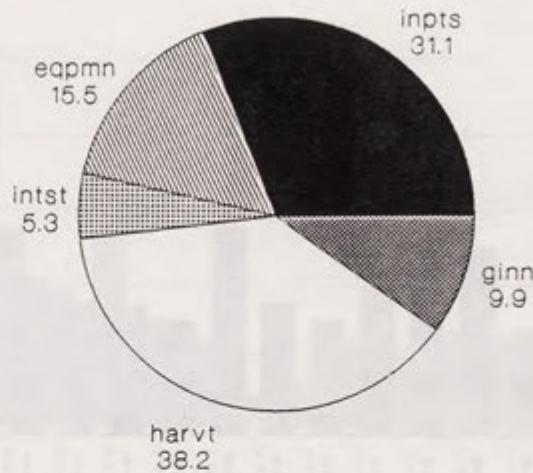
Share of Ginning Costs in variable cash costs



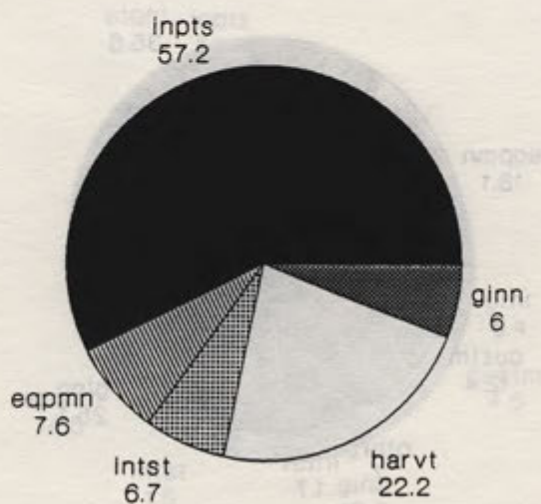
Pakistan cost structure



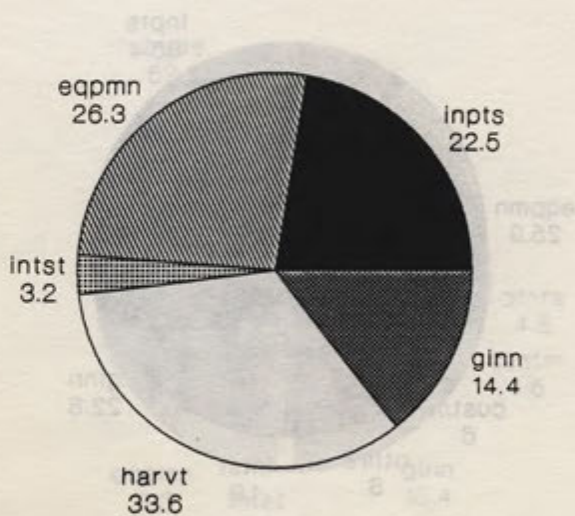
Iran cost structure



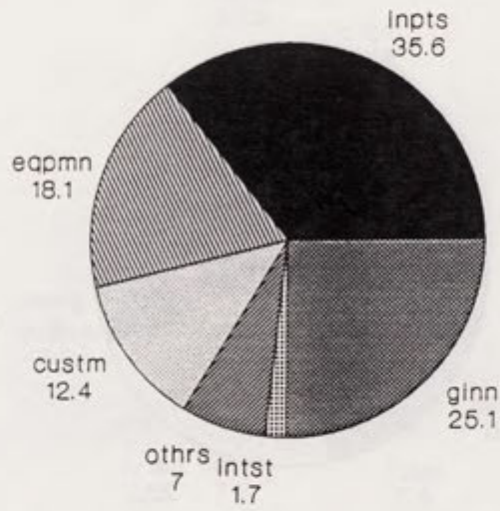
Bangladesh cost structure



Syria cost structure

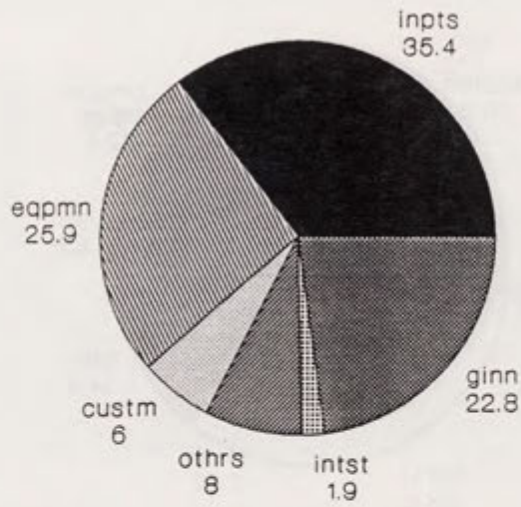


USA-FW cost structure



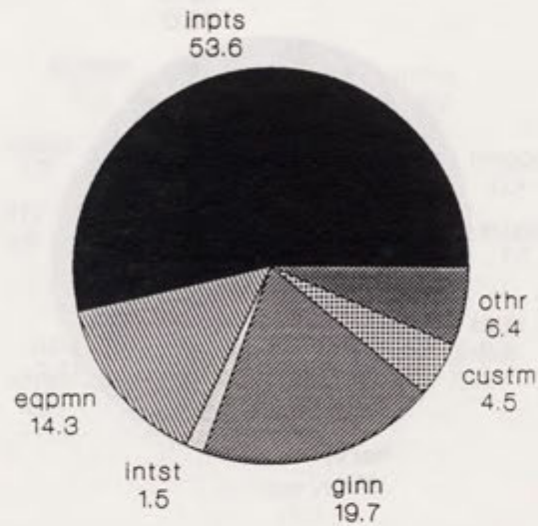
Harvesting costs incl. in equipment

USA-SP cost structure



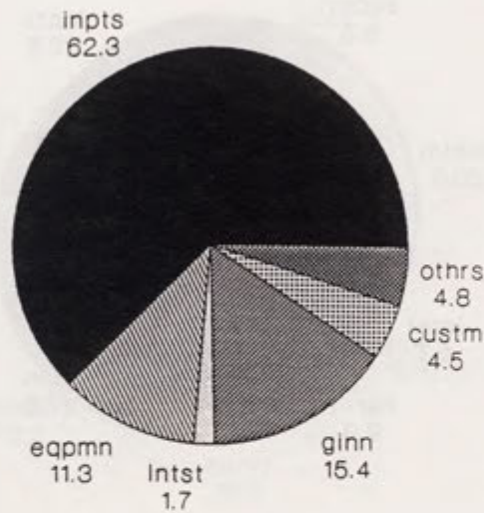
Harvesting costs incl. in equipment

USA-DE cost structure



Harvesting costs incl. in equipment

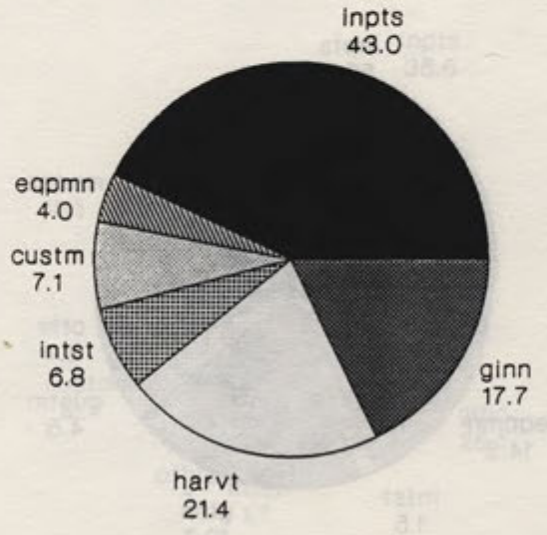
USA-SE cost structure



Harvesting costs incl. in equipment

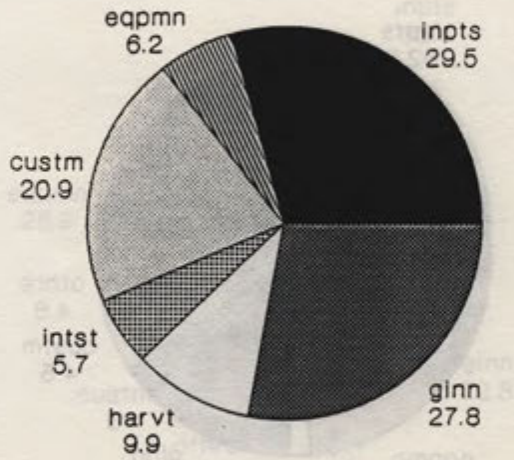
AUST-QUEENSL

cost structure

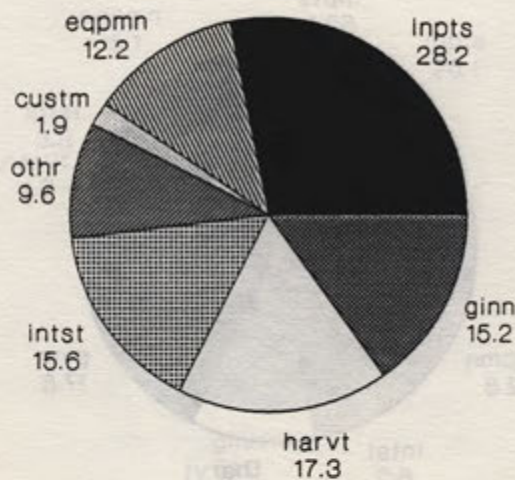


AUST-NSW

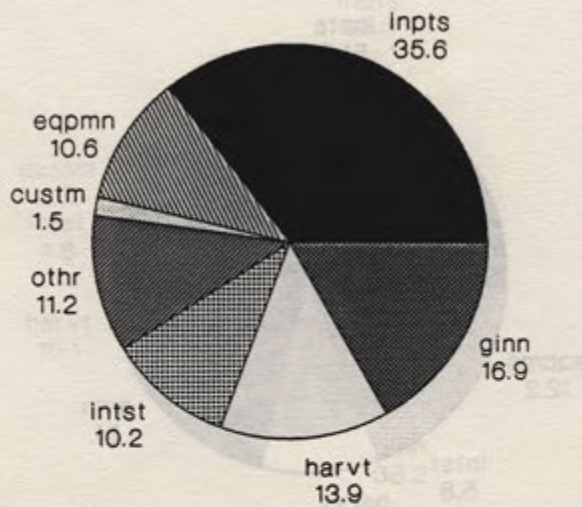
cost structure



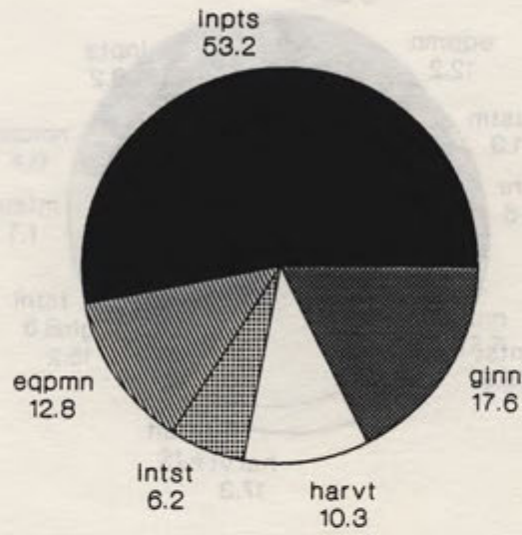
COLOMBIA - VdC cost structure



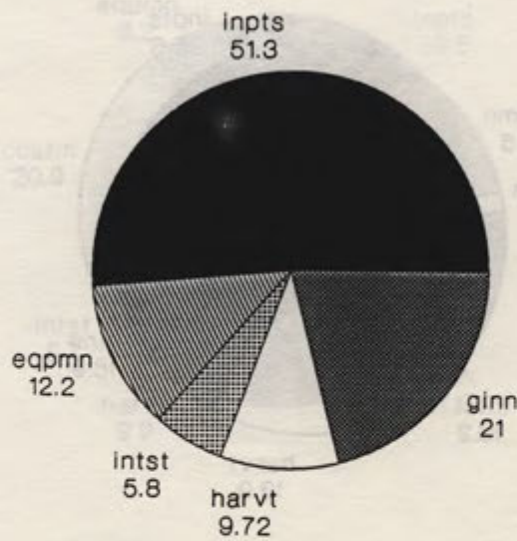
COLOMBIA - CyM cost structure



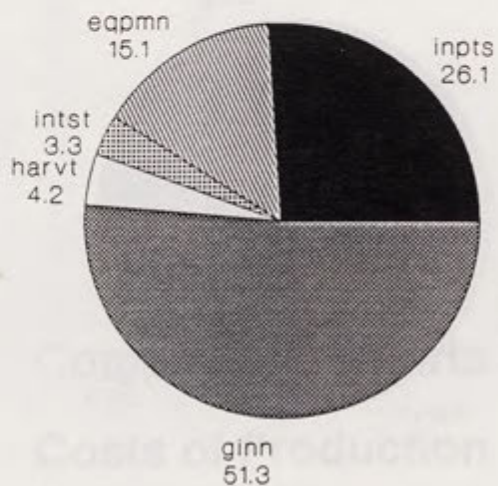
ISRAEL-ACALA cost structure



ISRAEL-PIMA cost structure

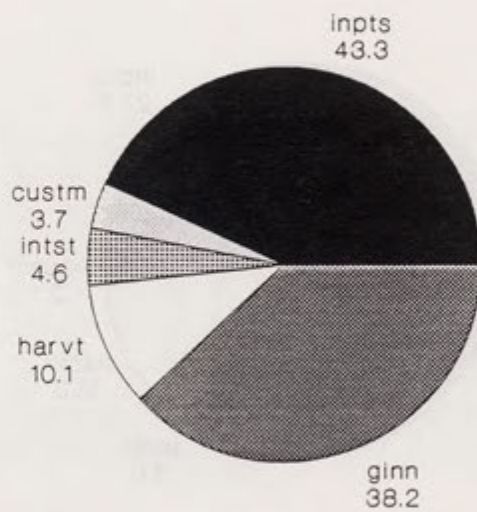


Zambia cost structure

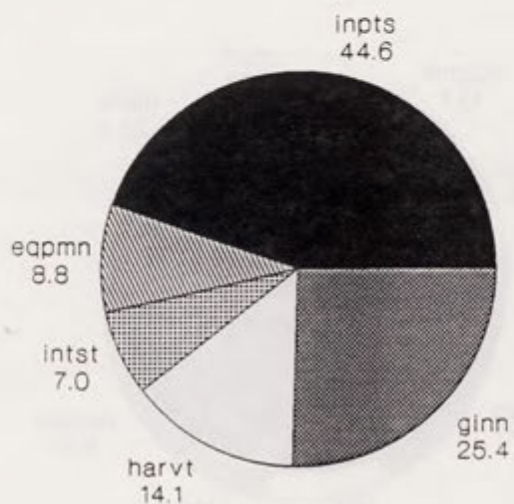


Based on Three Year Average Yields

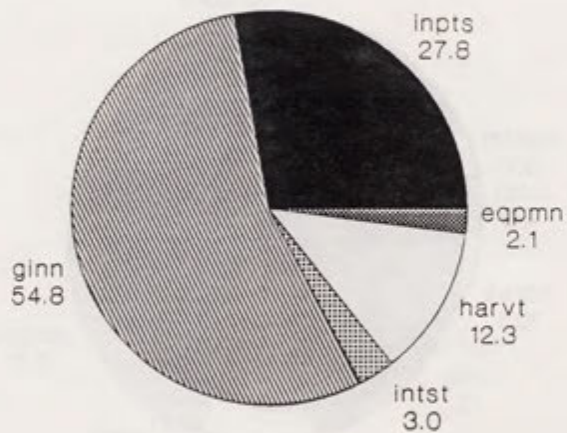
Malawi cost structure



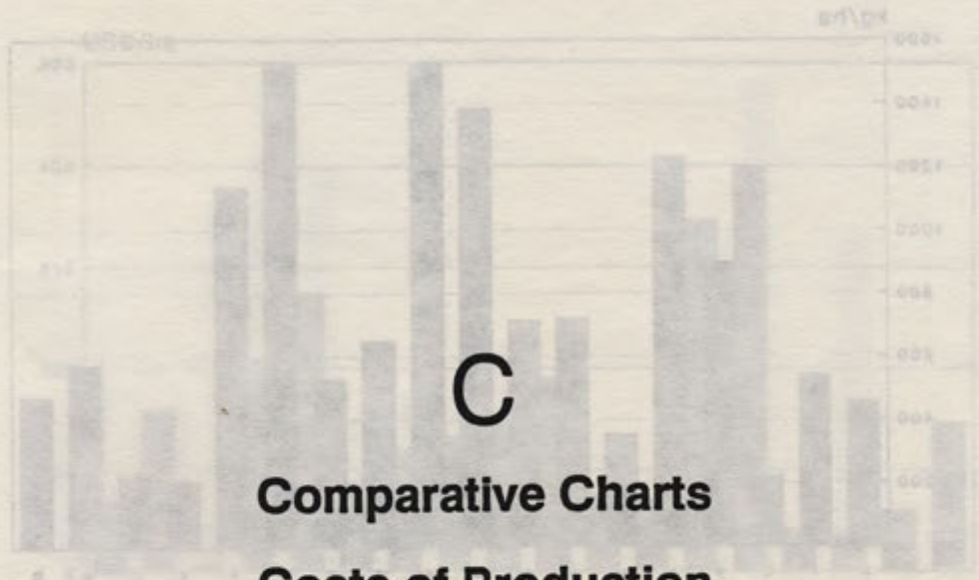
Philippines cost structure



Burkina Faso cost structure



Yield and Ginning Costs



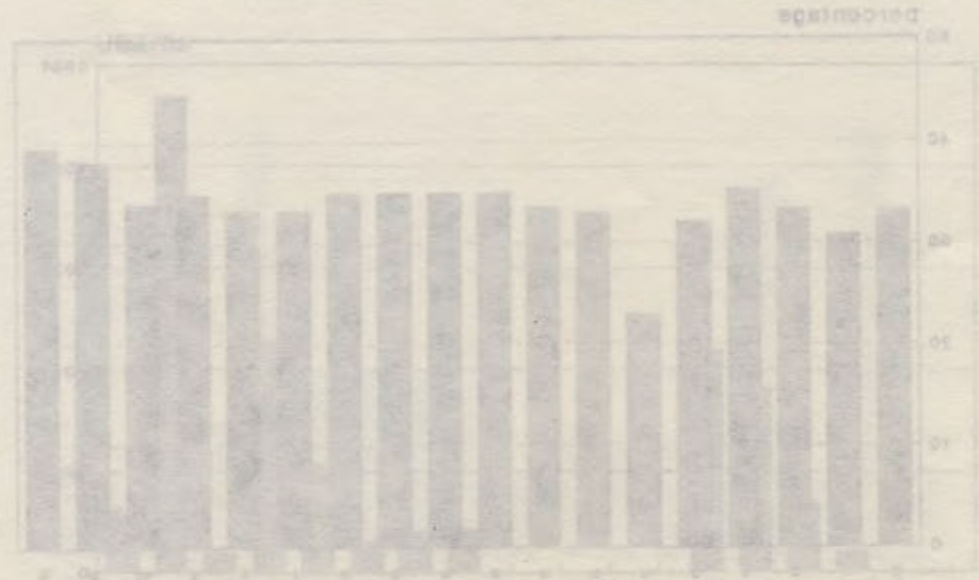
C

Comparative Charts

Costs of Production

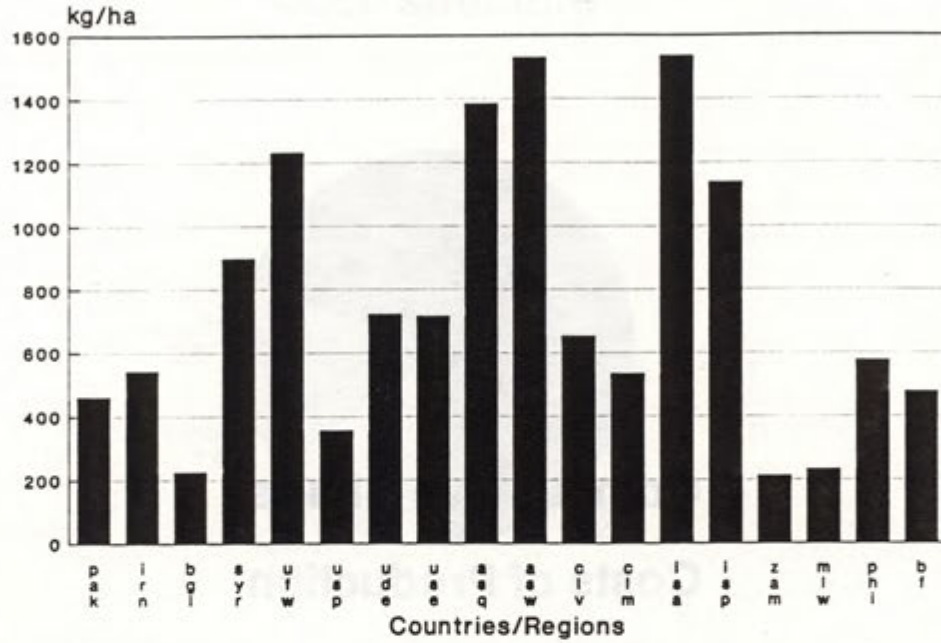
Based on Three Year Average Yields

Ginning Ratio



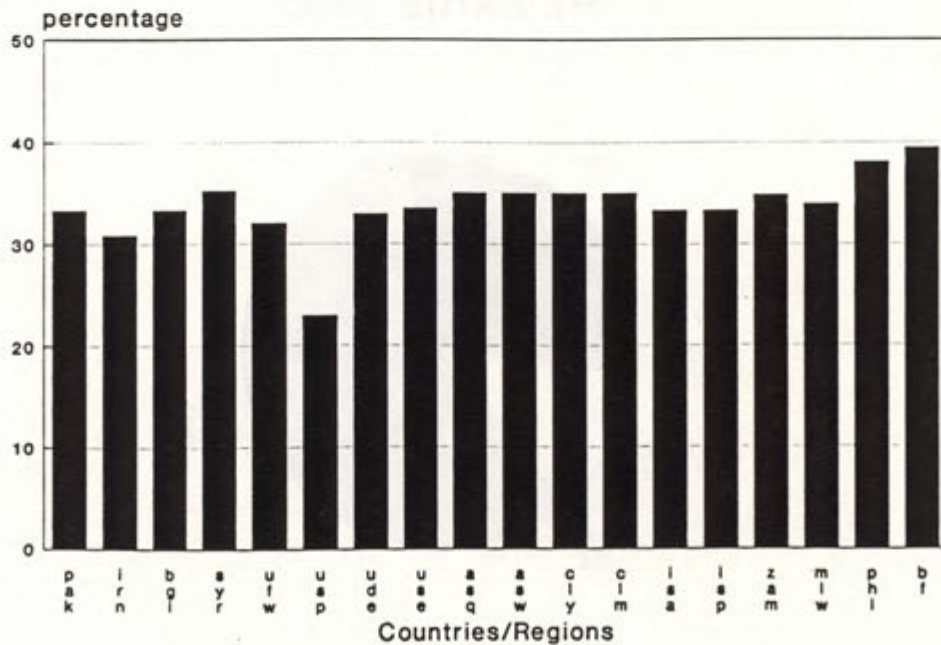
Based on 3 year average yields

Lint Yield



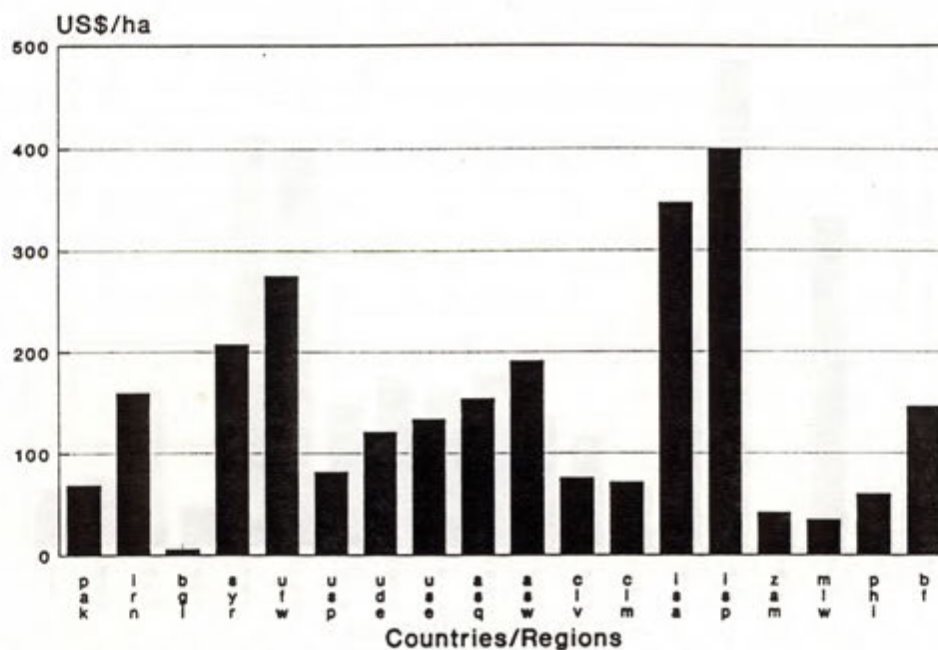
Based on 3 year average

Ginning Ratio



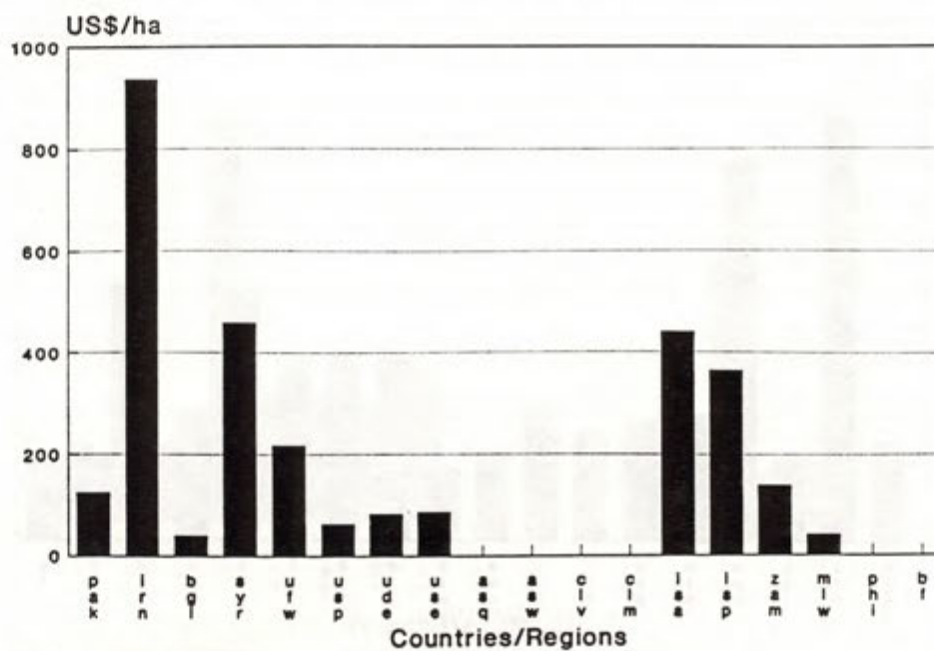
Based on 3 year average

Ginning Costs



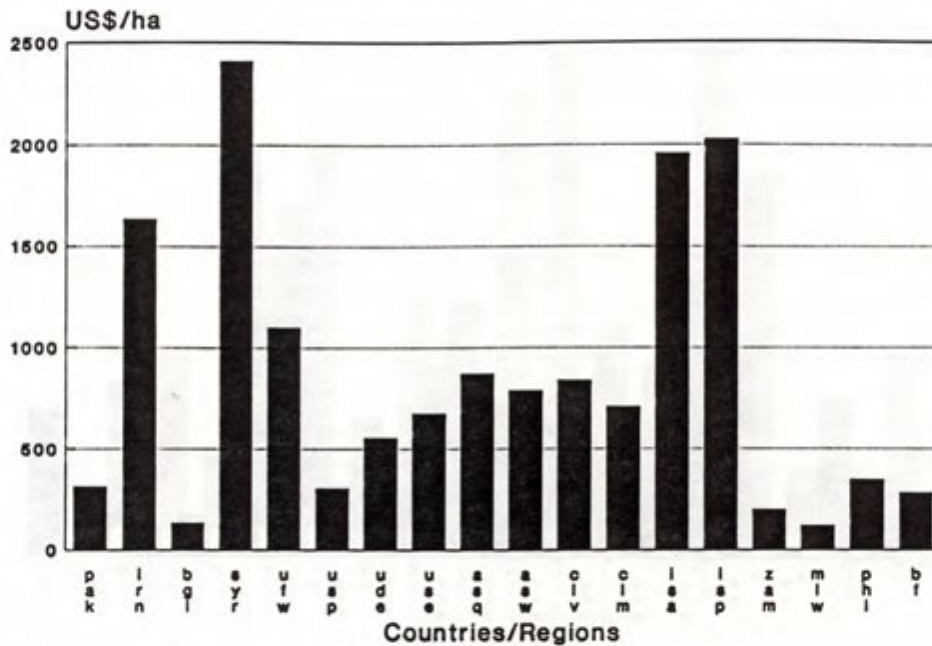
Based on 3 year average yields

Value of Cottonseed



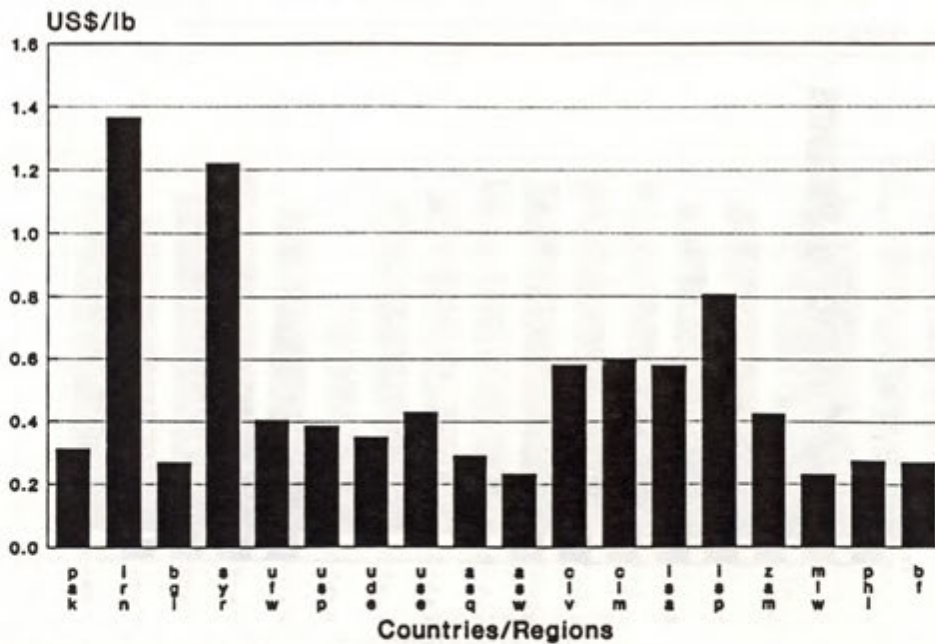
Based on 3 year average yields

Variable Cash Costs/Ha



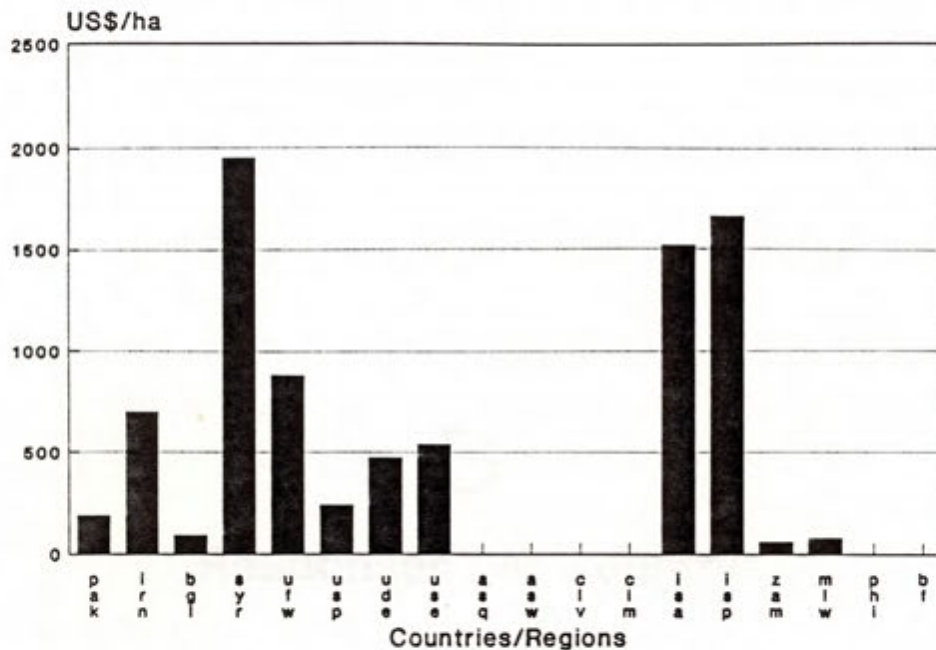
based on 3 year average yields

Variable Cash Costs/Lb



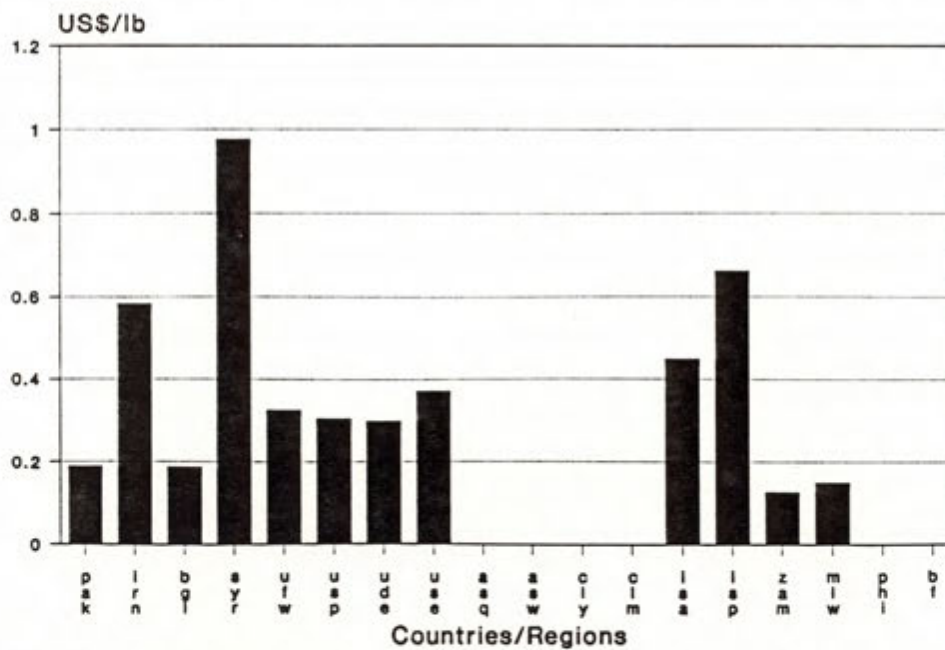
Based on 3 year average yields

Net Variable Cash Costs/Ha



Based on 3 year average yields

Net Variable Cash Costs/Lb



Based on 3 year average yields

UNITED STATES DEPARTMENT OF COMMERCE
 BUREAU OF ECONOMIC ANALYSIS
 FOREIGN TRADE REPORTS
 EXPORTS OF UNITED STATES MANUFACTURES
 BY COUNTRY, VALUE, QUANTITY, AND WEIGHT
 YEAR 1954

Country	Value	Quantity	Weight	Percentage of Total Exports			Value	Quantity	Weight
				Value	Quantity	Weight			
Canada	1,100,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,100,000,000	1,000,000,000	1,000,000,000
United Kingdom	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
France	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
Germany	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
Italy	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
Japan	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
China	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
India	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
Other Countries	1,000,000,000	1,000,000,000	1,000,000,000	10.0	10.0	10.0	1,000,000,000	1,000,000,000	1,000,000,000
Total	10,000,000,000	10,000,000,000	10,000,000,000	100.0	100.0	100.0	10,000,000,000	10,000,000,000	10,000,000,000

D

Responses Per Country

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Pakistan

	CROP YEAR:	1984/85	1986/87
Yield used (kilos per hectare)			
for seedcotton		1334.40	1482.70
of which: Cotton lint		445.00	494.00
Cottonseed		889.40	988.70

Rate of exchange to be used for
converting local currency into
U.S. \$

	1984/85	1986/87
	15.49	17.17

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.	19.77	3.50	69.20	4.47	19.77	3.50	69.20	4.03
Fertilizer	kg.	247.11	2.67	659.78	42.59	247.11	2.67	659.78	38.43
Herbicides	variable								
Insecticides	treatments	4.00	494.22	1976.88	127.62	4.00	494.22	1976.88	115.14
Fungicides	variable								
Irrigation:									
Equipment	hectare(ha.)or hour (hr.)			83.03	5.36			83.03	4.84
Labor	md	17.29	20.00	345.80	22.32	16.06	25.00	401.50	23.38
Water, if purchased	variable	1.00	98.84	98.84	6.38	2.00	98.84	197.68	11.51
Other Labor:									
Mechanical	hr.	5.00	98.84	494.20	31.90	5.00	98.84	494.20	28.78
Animal									
Power:									
Mechanical	hr.								
Animal		2.00	123.56	247.12	15.95	2.00	123.56	247.12	14.39
Other equipment	planting	4.00	49.42	197.68	12.76	4.00	37.07	148.28	8.64
Custom or contract work (specify)									
--									
--									
--									
Other (specify)									
--									
--									
Interest on operating capital				357.69	23.09			385.37	22.44
Pre-harvest subtotal(a)				4530.22	292.46			4663.04	271.58
b. Harvest:									
Hand-picking	md	83.40	4.57	381.14	24.61	92.67	4.57	423.50	24.67
Power:									
Mechanical	hr.								
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr.								
--									
--									
Harvest subtotal(b)				381.14	24.61			423.50	24.67

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Pakistan

	CROP YEAR: 1984/85	1986/87
Yield used (kilos per hectare)		
for seedcotton	1334.40	1482.70
of which: Cotton lint	445.00	494.00
Cottonseed	889.40	988.70

Rate of exchange to be used for
converting local currency into
U.S. \$

1984/85	1986/87
15.49	17.17

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
c. Ginning									
Transportation to gin									
Ginning (including bagging and ties)				1067.52	68.92			1260.29	73.40
Ginning subtotal(c)				1067.52	68.92			1260.29	73.40
Total variable costs (a + b + c)				5978.88	385.98			6346.83	369.65
2. Fixed (ownership) costs									
Power:									
Mechanical	hr.								
Animal									
Irrigation equipment	variable								
Other equipment		1.00	1317.91	1317.91	85.08	1.00	1853.32	1853.32	107.94
Land charge (typical rental value)	per hectare								
Other overhead costs									
Total fixed costs				1317.91	85.08			1853.32	107.94
3. Management and Admini- strative Costs		1.00	296.53	296.53	19.14	1.00	333.60	333.60	19.43
4. Total costs (1 + 2 + 3)				7593.32	490.21			8533.75	497.02
5. Total costs for seed cotton in U.S.\$	U.S.\$ per hectare (US\$ per ha.)				490.21				497.02
6. Value of cottonseed extracted in ginning:	per ha.								
a. local currency	per ha.			2042.28				2285.63	
b. U.S. dollars	US\$ per ha.				131.85				133.12
7. Net costs for lint									
a. local currency (4 minus 6.a.)	loc.curr. per ha.			5551.04				6248.12	
b. U.S. dollars (5 minus 6.b.)	US\$ per ha.				358.36				363.90
8. Net costs for lint in kilos \$ (7.b. divided by lint yield per hectare)	US\$ per kg.			12.47	.81			12.65	.74
9. Additional remarks									

Values calculated on the basis of
Sept 86 - Febr 87 average prices

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Iran

Yield used (kilos per hectare)	CROP YEAR:	
	1984/85	1986/87
for seedcotton	1703.00	1840.00
of which: Cotton lint	528.00	553.00
Cottonseed	991.00	1033.00

Rate of exchange to be used for
converting local currency into
U.S. \$

Country: Iran	
1984/85	1986/87
75.00	75.00

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:									
a. Pre-harvest:									
Seed	kg.	50.00	72.00	3600.00	48.00	50.00	80.00	4000.00	53.33
Fertilizer	kg.	200.00	11.00	2200.00	29.33	200.00	11.00	2200.00	29.33
Herbicides	variable								
Insecticides	treatments	3.00	2330.00	6990.00	93.20	3.00	2665.00	7995.00	106.60
Fungicides	variable								
Irrigation: Equipment	hectare(ha.)or hour (hr.)								
Labor	hr.	5.00	2100.00	10500.00	140.00	5.00	2400.00	12000.00	160.00
Water, if purchased	variable	5.00	4800.00	24000.00	320.00	5.00	4800.00	24000.00	320.00
Other Labor:									
Mechanical	hr.							11400.00	152.00
Animal									
Power:									
Mechanical	hr.							19000.00	253.33
Animal									
Other equipment				16000.00	213.33				
Custom or contract work (specify)									
--									
--									
Other (specify)									
Interest on operating capital									
Pre-harvest subtotal(a)				63290.00	843.87			80595.00	1074.60
b. Harvest:									
Hand-picking	ha.or hr.	38.00	1800.00	39600.00	528.00	24.00	1950.00	46800.00	624.00
Power:									
Mechanical	hr.								
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr.								
--									
--									
Harvest subtotal(b)				39600.00	528.00			46800.00	624.00

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Bangladesh

Yield used (kilos per hectare)	CROP YEAR:	
	1984/85	1986/87
for seedcotton	672.81	618.93
of which: Cotton lint	224.27	206.31
Cottonseed	403.69	371.36

Rate of exchange to be used for
converting local currency into
U.S. \$

1984/85		1986/87	
28.00		32.00	

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:									
a. Pre-harvest:									
Seed	kg.	13.80	2.67	36.85	1.32	13.80	3.20	44.16	1.38
Fertilizer	kg.	243.12	4.06	987.07	35.25	322.63	4.39	1416.35	44.26
Herbicides	variable								
Insecticides	liters	5.60	163.18	913.81	32.64	5.60	172.00	963.20	30.10
Fungicides	variable								
Irrigation: Equipment	hours								
Labor	days	142.50	23.00	3277.50	117.05	142.50	29.00	4132.50	129.14
Water, if purchased	variable								
Other Labor:									
Mechanical	hr.								
Animal	days	24.70	18.00	444.60	15.88	24.70	20.00	494.00	15.44
Power:									
Mechanical	hr.								
Animal	hr								
Other equipment									
Custom or contract work (specify)									
--									
--									
Other (specify)	hr								
--									
--									
Interest on operating capital				226.39	8.09			282.00	8.81
Pre-harvest subtotal(a)				5886.21	210.22			7332.21	229.13
b. Harvest:									
Hand-picking	hr\days	25.00	23.00	575.00	20.54	25.00	29.00	725.00	22.66
Power:									
Mechanical	hr.								
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment									
Custom or contract work (specify)	ha.,kg.or hr.								
coll of sticks	days	5.00	23.00	115.00	4.11	5.00	29.00	145.00	4.53
drying/sorting	days	2.50	23.00	57.50	2.05	2.50	29.00	72.50	2.27
--									
Harvest subtotal(b)				747.50	26.70			942.50	29.45

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Syria

CROP YEAR:	1984/85	1986/87
Yield used (kilos per hectare)		
for seedcotton	2500.00	2500.00
of which: Cotton lint	925.00	890.00
Cottonseed	1550.00	1585.00

Rate of exchange to be used for converting local currency into U.S. \$	1984/85	1986/87
	3.90	3.90

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:									
a. Pre-harvest:									
Seed	kg.	100.00	.86	86.00	22.05			160.00	41.03
Fertilizer	kg.			683.00	175.13			776.00	198.97
Herbicides	variable			57.00	14.62			63.00	16.15
Insecticides	treatments			113.00	28.97			122.00	31.28
Fungicides	variable								
Irrigation:									
Equipment	hectare(ha.) or hour (hr.)			1690.00	433.33			2450.00	628.21
Labor	hr.								
Water, if purchased	variable			770.00	197.44			1035.00	265.38
Other Labor:									
Mechanical	hr.			848.00	217.44			1229.00	315.13
Animal									
Power:									
Mechanical	hr.								
Animal									
Other equipment									
Custom or contract work (specify)									
Labour				1294.00	331.79			1436.00	368.21
--									
--									
Other (specify)	hr								
--									
--									
Interest on operating capital				260.00	66.67			296.00	75.90
Pre-harvest subtotal(a)				5801.00	1487.44			7567.00	1940.26
b. Harvest:									
Hand-picking	ha. or hr.			1250.00	320.51			2860.00	733.33
Power:									
Mechanical	hr.								
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha., kg. or hr.								
sacks & threads	variable			200.00	51.28			273.00	70.00
--									
Harvest subtotal(b)				1450.00	371.79			3133.00	803.33

COST OF PRODUCING ONE HECTARE OF COTTON

Country: USA (by region)

Item	FAR WEST		SOUTHERN PLAINS		DELTA		SOUTHEAST		ALL US	
	1984/85	1986/87	1984/85	1986/87	1984/85	1986/87	1984/85	1986/87	1984/85	1986/87
c. Ginning										
Transportation to gin										
Ginning (including bagging and ties)	268.50	276.68	88.16	64.91	141.05	106.65	153.65	98.62	134.62	105.46
Ginning subtotal(c)	268.50	276.68	88.16	64.91	141.05	106.65	153.65	98.62	134.62	105.46
Total variable costs (a + b + c)	1236.00	1191.11	367.30	306.01	657.87	565.84	754.90	659.42	604.02	516.69
2. Fixed (ownership) costs										
Power:										
Mechanical 2/ 7/	161.75	158.05	81.89	73.44	124.74	123.06	138.25	135.36	108.87	101.91
Animal										
Irrigation equipment										
Other equipment										
Land charge (typical rental value)	351.55	295.12	86.11	64.72	155.38	114.98	135.36	92.98	149.50	109.49
Taxes & Insurance	55.15	56.39	16.01	16.58	23.67	26.12	25.35	28.24	24.86	25.06
Other overhead costs	189.80	181.08	22.51	21.03	58.49	55.15	43.96	40.82	60.00	51.94
Total fixed costs	758.25	690.64	206.52	175.77	362.28	319.31	342.93	297.41	343.23	288.39
3. Management and Administrative Costs										
4. Total costs (1 + 2 + 3)										
5. Total costs for seed cotton in U.S.\$	2082.25	1969.75	661.82	569.78	1108.15	973.15	1185.83	1044.83	1035.24	893.09
6. Value of cottonseed extracted in ginning:										
a. local currency										
b. U.S. dollars	258.79	216.31	72.33	65.73	108.60	72.72	122.66	67.43	114.85	86.96
7. Net costs for lint										
a. local currency (4 minus 6.a.)										
b. U.S. dollars (5 minus 6.b.)	1823.46	1753.44	589.49	504.05	999.55	900.43	1063.17	977.40	920.39	806.13
8. Net costs for lint per kilos in U.S. \$ (7.b. divided by lint yield per hectare)	1.56	1.41	1.63	1.77	1.34	1.42	1.33	1.85	1.48	1.56
9. Additional remarks										

1/ Includes lime and gypsum.

2/ Included with mechanical power costs.

3/ All unpaid labor costs are included in "Other labor - mechanical".

4/ Includes variable costs for all equipment notably fuel, lube, elec. and repairs.

5/ This is actually the opportunity cost of aggregated operating capital (owned and borrowed)

and not the surveyed expenses on interest payments (which are much higher due to the inclusion of mortgage interest.

6/ Costs for harvesting could not be specified and are included in pre-harvest costs.

7/ Based on current replacement costs.

Cost of producing one hectare of cotton

Country: Australia
(Queensland)
1984/85 1986/87

CROP YEAR: 1984/85 1986/87
Yield used (kilos per hectare)
for seedcotton 3214.00 3971.00
of which: Cotton lint 1125.00 1390.00
Cottonseed

Rate of exchange to be used for
converting local currency into
U.S. \$

1.29 1.57

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.	15.00		19.00	14.73	15.00		20.00	12.74
Fertilizer	kg.	425.00		150.00	116.28	425.00		150.00	95.54
Herbicides	liters	7.00		50.00	38.76	6.50		51.00	32.41
Insecticides	liters	16.00		197.00	152.71	40.50		278.00	176.64
Fungicides	variable								
Irrigation:									
Equipment	hectare(ha.)or hour (hr.)								
Labor	hr.							150.00	95.54
Water, if purchased	mL	6.00		83.00	64.34	6.00		89.00	56.55
Other Labor:									
Mechanical	hr.			150.00	116.28				
Animal									
Power:									
Mechanical	hr.			77.00	59.69			55.00	35.03
Animal									
Other equipment									
Custom or contract work (specify)									
insect scouting				18.00	13.95			25.00	15.89
areal spray				68.00	52.71			72.00	45.75
--									
Other (specify)	hr								
--									
--									
--									
Interest on operating capital				68.00	52.71			93.00	59.24
Pre-harvest subtotal(a)				880.00	682.17			983.00	625.32
b. Harvest:									
Hand-picking	ha.or hr.								
Power:									
Mechanical	hr.			222.00	172.09			250.00	159.24
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr. variable								
Defoliant	gms	350.00		34.00	26.36	350.00		43.00	27.32
--									
Harvest subtotal(b)				256.00	198.45			293.00	186.56

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Australia
(N.S.W.)
1984/85 1986/87CROP YEAR: 1984/85 1986/87
Yield used (kilos per hectare)
for seedcotton 4200.00
of which: Cotton lint 1470.00
CottonseedRate of exchange to be used for
converting local currency into
U.S. \$ 1.57

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.	20.00	1.10	22.00	14.01				
Fertilizer	kg.	140.00	.66	92.40	58.85				
Herbicides	variable			43.00	27.39				
Insecticides	liters			188.00	119.75				
Fungicides	variable								
Irrigation: Equipment	hectare(ha.)or hour (hr.)			8.00	5.10				
Labor	hr.								
Water, if purchased	kl	8.30	1.90	15.77	10.04				
Other Labor:									
Mechanical	hr.								
Animal									
Power:									
Mechanical	hr.	2.93	23.37	68.47	43.61				
Animal									
Other equipment									
Custom or contract work (specify)									
						pumping	41.00	26.11	
						insect. appl.	50.00	31.85	
						scouting	30.00	19.11	
						soil prep	45.00	28.66	
						weed chipp.	80.00	50.96	
						crop insuranc	10.00	6.37	
Interest on operating capital									
Pre-harvest subtotal(a)							693.64	441.81	
b. Harvest:									
Hand-picking	ha.or hr.								
Power:									
Mechanical	hr.			95.00	60.00				
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr.								
defoliation	variable			26.00	16.56				
--									
--									
Harvest subtotal(b)							121.00	76.56	

COST OF PRODUCING ONE HECTARE OF COTTON

 Country: Colombia
 (La Costa y Meta)
 1984/85 1986/87

 CROP YEAR: 1984/85 1986/87
 Yield used (kilos per hectare)
 for seedcotton 1500.00 1572.00
 of which: Cotton lint 525.00 550.20
 Cottonseed

 Rate of exchange to be used for
 converting local currency into
 U.S. \$

121.00 225.00

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:									
a. Pre-harvest									
Seed	kg.			1656.00	13.69			2640.00	11.73
Fertilizer	kg.			10640.00	87.93			11768.00	52.30
Herbicides	variable			4241.00	35.05			6049.00	26.88
Insecticides	treatments			18394.00	152.02			37515.00	166.73
Fungicides	variable								
Irrigation: Equipment	hectare(ha.)or hour (hr.)								
Labor	hr.								
Water, if purchased	variable								
Other Labor:									
Mechanical	hr.								
Animal									
Power:									
Mechanical	hr.			8756.00	72.36			17300.00	76.89
Animal									
Other equipment									
Custom or contract work (specify) techn. asst.				1500.00	12.40			2520.00	11.20
--									
--									
Other (specify)									
labor	hr			10600.00	87.60			19680.00	87.47
field cleaning				4500.00	37.19			9000.00	40.00
quota				12070.00	99.75			7205.00	32.02
Interest on operating capital				6720.00	55.54			16537.00	73.50
Pre-harvest subtotal(a)				79077.00	653.53			130214.00	578.73
b. Harvest:									
Hand-picking	ha.or hr.								
Power:									
Mechanical	hr.			12000.00	99.17			21174.00	94.11
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr. variable								
packing&loading wrapping&strings				951.00	7.86			1560.00	6.93
Harvest subtotal(b)				12951.00	107.03			22734.00	101.04

COST OF PRODUCING ONE HECTARE OF COTTON

Country:

Colombia
(Valle del Cauca)
1984/85 1986/87

CROP YEAR: 1984/85 1986/87
Yield used (kilos per hectare)
for seedcotton 2000.00
of which: Cotton lint 700.00
Cottonseed

Rate of exchange to be used for
converting local currency into
U.S. \$ 235.00

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.						4375.00	18.62	
Fertilizer	kg.						36598.00	155.74	
Herbicides	variable						15200.00	64.68	
Insecticides	treatments						39183.00	166.74	
Fungicides	variable								
Irrigation:									
Equipment	hectare(ha.)or hour (hr.)						41250.00	175.53	
Labor	hr.								
Water, if purchased	variable								
Other Labor:									
Mechanical	hr.								
Animal									
Power:									
Mechanical	hr.						20046.00	85.30	
Animal									
Other equipment									
Custom or contract work (specify) techn. asst.							3700.00	15.74	
--									
--									
Other (specify)									
labor	hr						26800.00	114.04	
field cleaning							19000.00	80.85	
--									
Interest on operating capital							31000.00	131.91	
Pre-harvest subtotal(a)							237152.00	1009.16	
b. Harvest:									
Hand-picking	ha. or hr.								
Power:									
Mechanical	hr.						27300.00	116.17	
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha., kg. or hr. variable								
packing&loading							2201.00	9.37	
wrapping&strings							5000.00	21.28	
Harvest subtotal(b)							34501.00	146.81	

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Israel (Acala)

CROP YEAR: 1984/85 1986/87
 Yield used (kilos per hectare)
 for seedcotton 4570.00
 of which: Cotton lint 1520.00
 Cottonseed 2559.00

Rate of exchange to be used for
 converting local currency into
 U.S. \$ 1.50

Item	Unit Please specify	1984/85			1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)							
a. Pre-harvest:								
Seed	kg.					27.00	18.00	
Fertilizer	kg.					225.00	150.00	
Herbicides	variable					150.00	100.00	
Insecticides	treatments					330.00	220.00	
Fungicides	variable					75.00	50.00	
Irrigation:								
Equipment	hectare(ha.)or hour (hr.)					75.00	50.00	
Labor	hr.					675.00	450.00	
Water, if purchased	variable				5000.00	.15	750.00	500.00
Other Labor:								
Mechanical	hr.							
Animal								
Power:								
Mechanical	hr.						300.00	200.00
Animal								
Other equipment								
Custom or contract work (specify)								
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--								
Other (specify)								
spraying								
landpreparation								
--								
Interest on operating capital							180.00	120.00
Pre-harvest subtotal(a)							2787.00	1858.00
b. Harvest:								
Hand-picking	ha.or hr.							
Power:								
Mechanical	hr.						300.00	200.00
Animal								
Other Labor:								
Mechanical	hr.							
Animal								
Other Equipment	variable							
Custom or contract work (specify)	ha.,kg.or hr.							
defoliage	variable							
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Harvest subtotal(b)							300.00	200.00

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Israel (Pima)

CROP YEAR 1986/87
 Yield used (kilos per hectare)
 for seedcotton 3693.00
 of which: Cotton lint 1231.00
 Cottonseed 2068.00

Rate of exchange to be used for
 converting local currency into
 U.S. \$

1984/85 1986/87

1.50

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.							27.00	18.00
Fertilizer	kg.							225.00	150.00
Herbicides	variable							150.00	100.00
Insecticides	treatments							330.00	220.00
Fungicides	variable							100.00	66.67
Irrigation:									
Equipment	hectare(ha.)or hour (hr.)							75.00	50.00
Labor	hr.							675.00	450.00
Water, if purchased	cubic metres					5000.00	.15	750.00	500.00
Other Labor:									
Mechanical	hr.								
Animal									
Power:									
Mechanical	hr.							300.00	200.00
Animal									
Other equipment									
Custom or contract work (specify)									
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--									
--									
Other (specify)	hr								
--									
--									
--									
Interest on operating capital								180.00	120.00
Pre-harvest subtotal(a)								2812.00	1874.67
b. Harvest:									
Hand-picking	ha.or hr.								
Power:									
Mechanical	hr.							300.00	200.00
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr.								
stripping	variable								
--									
--									
Harvest subtotal(b)								300.00	200.00

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Zambia

	CROP YEAR: 1984/85	1986/87
Yield used (kilos per hectare)		
for seedcotton	550.00	600.00
of which: Cotton lint	176.00	216.00
Cottonseed	374.00	384.00

Rate of exchange to be used for
converting local currency into
U.S. \$

1984/85 1986/87

2.50 10.00

Item	Unit Please specify	Quantity used per ha.	1984/85		1986/87		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
			Estimated cost or price per unit	Cost in local currency	Estimated cost or price per unit	Cost in local currency				
1. Variable costs:	hectare(ha.)or kilogram(kg.)									
a. Pre-harvest:										
Seed	kg.									
Fertilizer	kg.									
Herbicides	variable									
Insecticides	"packs"			18.80	7.52	4.00	130.00	520.00	52.00	
Fungicides	variable									
Irrigation:										
Equipment	hectare(ha.)or hour (hr.)									
Labor	hr.									
Water, if purchased	variable									
Other Labor:										
Mechanical	hr.									
Animal										
Power:										
Mechanical	hr.			52.00	20.80	4.50	66.66	299.97	30.00	
Animal										
Other equipment										
Custom or contract work (specify)										
--										
--										
--										
Other (specify)	hr									
--										
--										
--										
Interest on operating capital										
Pre-harvest subtotal(a)				418.00	167.20			819.97	82.00	
b. Harvest:										
Hand-picking	days	13.00		39.00	15.60	13.00	6.50	84.50	8.45	
Power:										
Mechanical	hr.									
Animal										
Other Labor:										
Mechanical	hr.									
Animal										
Other Equipment	variable									
Custom or contract work (specify)	ha.,kg.or hr.									
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Harvest subtotal(b)				39.00	15.60			84.50	8.45	

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Malawi

	CROP YEAR: 1984/85	1986/87
Yield used (kilos per hectare)		
for seedcotton	700.00	655.00
of which: Cotton lint	237.00	221.00
Cottonseed	463.00	434.00

Rate of exchange to be used for
converting local currency into
U.S. \$

1984/85	1986/87
1.82	2.82

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.			free	free			free	free
Fertilizer	kg.								
Herbicides	variable								
Insecticides	kgs	18.35	3.60	66.00	36.17	18.35	7.62	139.75	49.47
Defoliant	variable								
Irrigation: Equipment	hectare(ha.)or hour (hr.)								
Labor	hr.	179.00	.58	103.82	56.89	179.00	1.00	179.00	63.37
Water, if purchased	variable								
Other Labor:									
Mechanical	hr.								
Animal									
Power:									
Mechanical	hr.								
Animal									
Other equipment									
Custom or contract work (specify)									
hiring spray equipm		1.00	12.00	12.00	6.58	1.00	12.00	12.00	4.25
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--									
Other (specify)	hr								
--									
--									
--									
Interest on operating capital				4.11	2.25			14.96	5.30
Pre-harvest subtotal(a)				185.93	101.89			345.71	122.38
b. Harvest:									
Hand-picking	kgs	700.00	.05	35.00	19.18	655.00	.05	32.75	11.59
Power:									
Mechanical	hr.								
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract work (specify)	ha.,kg.or hr. variable								
--									
--									
Harvest subtotal(b)				35.00	19.18			32.75	11.59

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Philippines

	CROP YEAR:	1984/85	1986/87
Yield used (kilos per hectare)			
for seedcotton		1500.00	1500.00
of which: Cotton lint		570.00	570.00
Cottonseed		900.00	900.00

Rate of exchange to be used for
converting local currency into
U.S. \$

	1984/85	1986/87
	18.60	20.50

Item	Unit Please specify	1984/85				1986/87			
		Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
1. Variable costs:	hectare(ha.)or kilogram(kg.)								
a. Pre-harvest:									
Seed	kg.	20.00	3.00	60.00	3.23	20.00	6.00	120.00	5.85
Fertilizer	kgs 14-14-14			1000.00	53.76	300.00	3.30	990.00	48.29
Herbicides	variable								
Insecticides	liters	7.00		1560.00	83.87	7.00	291.42	2039.94	99.51
Fungicides	variable			18.00	.97	.25	88.00	22.00	1.07
Irrigation:									
Equipment	hectare(ha.)or hour (hr.)			600.00	32.26			420.00	20.49
Labor	hr.	9.00	20.00	180.00	9.68	9.00	25.00	225.00	10.98
Water, if purchased	variable								
Other Labor:									
Mechanical	md	87.00	20.00	1740.00	93.55	94.00	25.00	2350.00	114.63
Animal	animal days	24.00	35.00	840.00	45.16	22.00	50.00	1100.00	53.66
Power:									
Mechanical	hr.								
Animal									
Other equipment									
Custom or contract									
work (specify)									
--									
--									
--									
Other (specify)									
--									
Interest on operating									
capital				385.00	20.70			500.00	24.39
Pre-harvest									
subtotal(a)				6383.00	343.17			7766.94	378.88
b. Harvest:									
Hand-picking	ha. or hr.	750.00	1.00	750.00	40.32	40.00	25.00	1000.00	48.78
Power:									
Mechanical	hr.								
Animal									
Other Labor:									
Mechanical	hr.								
Animal									
Other Equipment	variable								
Custom or contract									
work (specify)	ha., kg. or hr.								
variable									
--									
--									
Harvest subtotal(b)				750.00	40.32			1000.00	48.78

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Burkina Faso

CROP YEAR: 1984/85 1986/87
 Yield used (kilos per hectare)
 for seedcotton 1329.00
 of which: Cotton lint 525.00
 Cottonseed

Rate of exchange to be used for
 converting local currency into
 U.S. \$

1984/85 1986/87
 330.00

Item	Unit Please specify	Quantity used per ha.	1984/85			1986/87		
			Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency
1. Variable costs:	hectare(ha.)or kilogram(kg.)							
a. Pre-harvest:								
Seed	kg.	50.00				8.00	400.00	1.21
Fertilizer	kg.	150.00				114.00	17100.00	51.82
Herbicides	variable							
Insecticides	liters	12.00				800.00	9600.00	29.09
Fungicides	variable							
Irrigation: Equipment	hectare(ha.)or hour (hr.)							
Labor	hr.							
Water, if purchased	variable							
Other Labor:								
Mechanical	hr.							
Animal	days	30.00				250.00	7500.00	22.73
Power:								
Mechanical	hr.							
Animal							2000.00	6.06
Other equipment								
Custom or contract work (specify)								
--								
--								
--								
Other (specify)	hr							
--								
--								
--								
Interest on operating capital								
Pre-harvest subtotal(a)							36600.00	110.91
b. Harvest:								
Hand-picking	days	60.00				200.00	12000.00	36.36
Power:								
Mechanical	hr.							
Animal								
Other Labor:								
Mechanical	hr.							
Animal								
Other Equipment	variable							
Custom or contract work (specify)	ha.,kg.or hr. variable							
--								
--								
Harvest subtotal(b)							12000.00	36.36

COST OF PRODUCING ONE HECTARE OF COTTON

Country: Burkina Faso

CROP YEAR: 1984/85 1986/87
 Yield used (kilos per hectare) for seedcotton 1329.00
 of which: Cotton lint 525.00
 Cottonseed
 Rate of exchange to be used for converting local currency into U.S. \$ 330.00

Item	Unit Please specify	Quantity used per ha.	1984/85			1986/87			
			Estimated cost or price per unit	Cost in local currency	Cost in US\$	Quantity used per ha.	Estimated cost or price per unit	Cost in local currency	Cost in US\$
c. Ginning									
Transportation to gin									
Ginning (including bagging and ties)						2.41	22094.52	53287.50	161.48
Ginning subtotal(c)								53287.50	161.48
Total variable costs (a + b + c)								101887.50	308.75
2. Fixed (ownership) costs									
Power:									
Mechanical	hr.								
Animal								500.00	4.55
Irrigation equipment	variable								
Other equipment									
Land charge (typical rental value)	per hectare								
Other overhead costs									
Total fixed costs								1500.00	4.55
3. Management and Administrative Costs									
4. Total costs (1 + 2 + 3)								103387.50	
5. Total costs for seed cotton in U.S.\$	hectare								313.30
6. Value of cottonseed extracted in ginning:	per ha.								
a. local currency	per ha.							N/A	
b. U.S. dollars	US\$ per ha.								N/A
7. Net costs for lint									
a. local currency (4 minus 6.a.)	per ha.							103387.50	
b. U.S. dollars (5 minus 6.b.)	US\$ per ha.								313.30
8. Net costs for lint per kilos in U.S. \$ (7.b. divided by lint yield per hectare)	US\$ per kg.								.60
9. Additional remarks									
						Labor costs and ginning costs derived from secondary sources and should be interpreted with caution.			

INTERNATIONAL COTTON ADVISORY COMMITTEE

The International Cotton Advisory Committee is an association of governments having an interest in the production, export, import and consumption of cotton. It is an organization designed to promote cooperation in the solution of cotton problems, particularly those of international scope and significance.

The functions of the International Cotton Advisory Committee, as defined in the Rules and Regulations are

- To observe and keep in close touch with developments affecting the world cotton situation.
- To collect and disseminate complete, authentic, and timely statistics on world cotton production, trade, consumption, stocks and prices.
- To suggest, as and when advisable, to the governments represented, any measures the Advisory Committee considers suitable and practicable for the furtherance of international collaboration directed towards developing and maintaining a sound world cotton economy.
- To be the forum of international discussions on matters related to cotton prices.

Membership of the Committee which represents the bulk of the world's production, trade and consumption of cotton now comprises the following forty-four governments:

Argentina	Finland	Korea, Rep. of	Syria
Australia	France	Mexico	Tanzania
Bangladesh	Germany, F.R.	Netherlands	Turkey
Belgium	Greece	Nicaragua	Uganda
Brazil	Guatemala	Nigeria	Union of the Soviet
Cameroon	Honduras	Norway	Socialist Republics
Chad	Hungary	Pakistan	United Kingdom
China (Taiwan)	India	Peru	United States of America
Colombia	Iran	Spain	Yugoslavia
Côte d'Ivoire	Israel	Sudan	
Denmark	Italy	Sweden	
Egypt	Japan	Switzerland	

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