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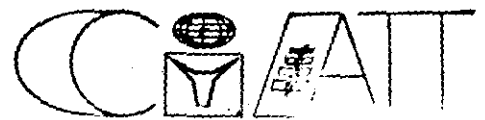
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BEANS IN AFRICA

BY

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CENTRO DE DOCUMENTACION

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Table 1. World dry bean production, 1981-83 (000 tons).

	(000 tons)	(%)
<u>Developing Countries</u>		
East Asia	5361 <sup>a</sup>	37.3
Latin America	4605	32.1
Sub-Saharan Africa	1961	13.7
West Asia and North Africa	303	2.1
Total Developing Countries	12230	85.1
<u>Developed Countries</u>		
North America	1155	8.0
East Europe	530	3.7
West Europe	272	1.9
Others	179	1.3
Total Developed Countries	2136	14.9
World Total	14366	100.0

<sup>a</sup> The FAO dry bean figures officially cover Phaseolus vulgaris, P. acutifolius, P. coccineus, Vigna radiata, V. mungo and V. angularis. These last three species are especially important in Africa, where less than 10% of dry beans are estimated to be P. vulgaris. Elsewhere P. vulgaris comprises the great bulk of dry bean production.

SOURCE : FAO Production Yearbook, Vol. 37, 1984

Table 2. Bean production in Sub-Saharan Africa. 1962-64, 1971-73, 1981-83 averages. (000 tons).

	1962-64	1971-73	1981-83
<u>Eastern Africa</u>			
Ethiopia	62	80	28
Kenya	a	a	476 <sup>c</sup>
Somalia	0.3	3	5
Tanzania	92	140	152
Uganda	93	177	338
<u>Great Lakes Region</u>			
Burundi	119	313	294
Rwanda	86	136	181
Zaire <sup>d</sup>	a	a	93
<u>Southern Africa</u>			
Angola	60	71	40
Lesotho	2	3	10
Madagascar	48	57	41
Malawi	7	10	64
Rep. South Africa	45	51	65
Swaziland	0.3	1	2
Zimbabwe	21	25	39
<u>West Africa</u>			
Cameroon	48 <sup>b</sup>	42 <sup>b</sup>	103
Total	684 <sup>b</sup>	1109 <sup>b</sup>	1931

a/ Data not available.

b/ Not including Kenya and Zaire.

c/ Estimate for 1974-75. See Njungunah et al., 1980.

d/ Zaire's bean production occurs in Kivu province in the Great Lakes Region.

SOURCE: FAO Production Yearbooks

Table 3. Bean area in Sub-Saharan Africa. 1962-64, 1971-73, 1981-83  
(000 ha).

Country	1962-64	1971-73	1981-83
<u>Eastern Africa</u>			
Ethiopia	88	109	37
Kenya	a	a	763 <sup>c</sup>
Somalia	2	6	15
Tanzania	214	267	305
Uganda	143	280	353
<u>Great Lakes Region</u>			
Burundi	174	385	300
Rwanda	116	158	218
Zaire	a	a	185
<u>Southern Africa</u>			
Angola	67	120	110
Lesotho	6	13	13
Madagascar	62	68	56
Malawi	13	16	121
Rep. South Africa	87	74	57
Swaziland	2	2	2
Zimbabwe	53	50	52
<u>West Africa</u>			
Cameroon	64	85	157
Total	1091 <sup>b</sup>	1633 <sup>b</sup>	2744

a/ Data not available

b/ Not including Kenya and Zaire

c/ 1974-75 estimate. See Njungunah et al, 1980.

d/ Zaire's bean production occurs in Kivu province in the Great Lakes Region.

SOURCE : FAO Production Yearbooks

Table 4. Bean Yields in Sub-Saharan Africa. 1962-64, 1971-73, 1981-83 averages. (kg/ha).

Country	1962-64	1971-73	1981-83
<u>Eastern Africa</u>			
Ethiopia	705	734	757
Kenya	a	a	624 <sup>c</sup>
Somalia	150	500	333
Tanzania	430	524	498
Uganda	650	632	958
<u>Great Lakes Region</u>			
Burundi	684	813	980
Rwanda	741	861	830
Zaire	a	a	503
<u>Southern Africa</u>			
Angola	896	592	364
Lesotho	333	231	769
Madagascar	774	838	732
Malawi	538	625	529
Rep. South Africa	517	689	1140
Swaziland	150	500	1000
Zimbabwe	396	500	750
<u>West Africa</u>			
Cameroon	750 <sup>b</sup>	494 <sup>b</sup>	656
Total	627 <sup>b</sup>	679 <sup>b</sup>	704

a/ Data not available

b/ Not including Kenya and Zaire

c/ 1974-75 estimate. See Njungunah et al, 1980

d/ Zaire's bean production occurs in Kivu province in the Great Lakes Region.

SOURCE: FAO Production Yearbooks

Table 5. Growth rates in bean production, area and yields in selected<sup>a</sup> African countries, 1962-70 and 1970-81.

	Production	Area	Yield	Production	Area	Yield
<u>Eastern Africa</u>						
Ethiopia	2.44	1.02	1.54	-20.21	-21.62	-1.53
Tanzania	4.25	1.24	2.50	1.43	1.61	-0.15
Uganda	7.95	9.62	-1.66	1.39	-0.53	1.92
<u>Great Lakes Region</u>						
Burundi	3.46	6.04	-2.58	-2.43	-2.67	-0.10
Rwanda	7.46	4.98	2.43	3.06	3.59	-0.55
<u>Southern Africa</u>						
Angola	2.20	8.60	-6.57	-4.34	-0.61	-3.76
Madagascar	2.08	0.51	1.50	-1.93	-2.11	2.81
Rep. South Africa	1.93	-2.43	4.29	3.87	-1.22	5.02
Zimbabwe	2.15	-0.45	2.88	-0.87	-2.41	1.55

a/ Countries with obvious discontinuities in data or short series of data have been eliminated.

SOURCE: FAO Production Yearbooks.

Table 6. The nutritional role of beans in Sub-Saharan Africa, 1979-81.

Country	Per cent of total protein from beans	Rank of beans among protein sources	Rank of beans among quality proteins <sup>a</sup>
<u>Eastern Africa</u>			
Ethiopia	n.a	n.a	n.a
Kenya	18.0	2	1
Somalia	1.6	13	10
Tanzania	8.3	2	1
Uganda	21.0	1	1
<u>Great Lakes Region</u>			
Burundi	31.5	1	1
Rwanda	36.6	1	1
Zaire	4.8	6	3
<u>Southern Africa</u>			
Angola	n.a	n.a	n.a
Lesotho	3.9	5	2
Madagascar	4.1	3	2
Malawi	5.8	3	1
Rep. South Africa	2.0	7	6
Swaziland	1.4	10	5
Zimbabwe	3.0	7	2
<u>West Africa</u>			
Cameroon	10.5	3	1

n.a = Data not available

a/ Quality protein is defined as protein from meat, fish dairy, pulses and eggs.

SOURCE: FAO food balance sheets, 1984. Kenyan data adjusted by Njunganah et. al., 1980