

Figure N.1-11 Price Fluctuation by Crop(1)Avocado

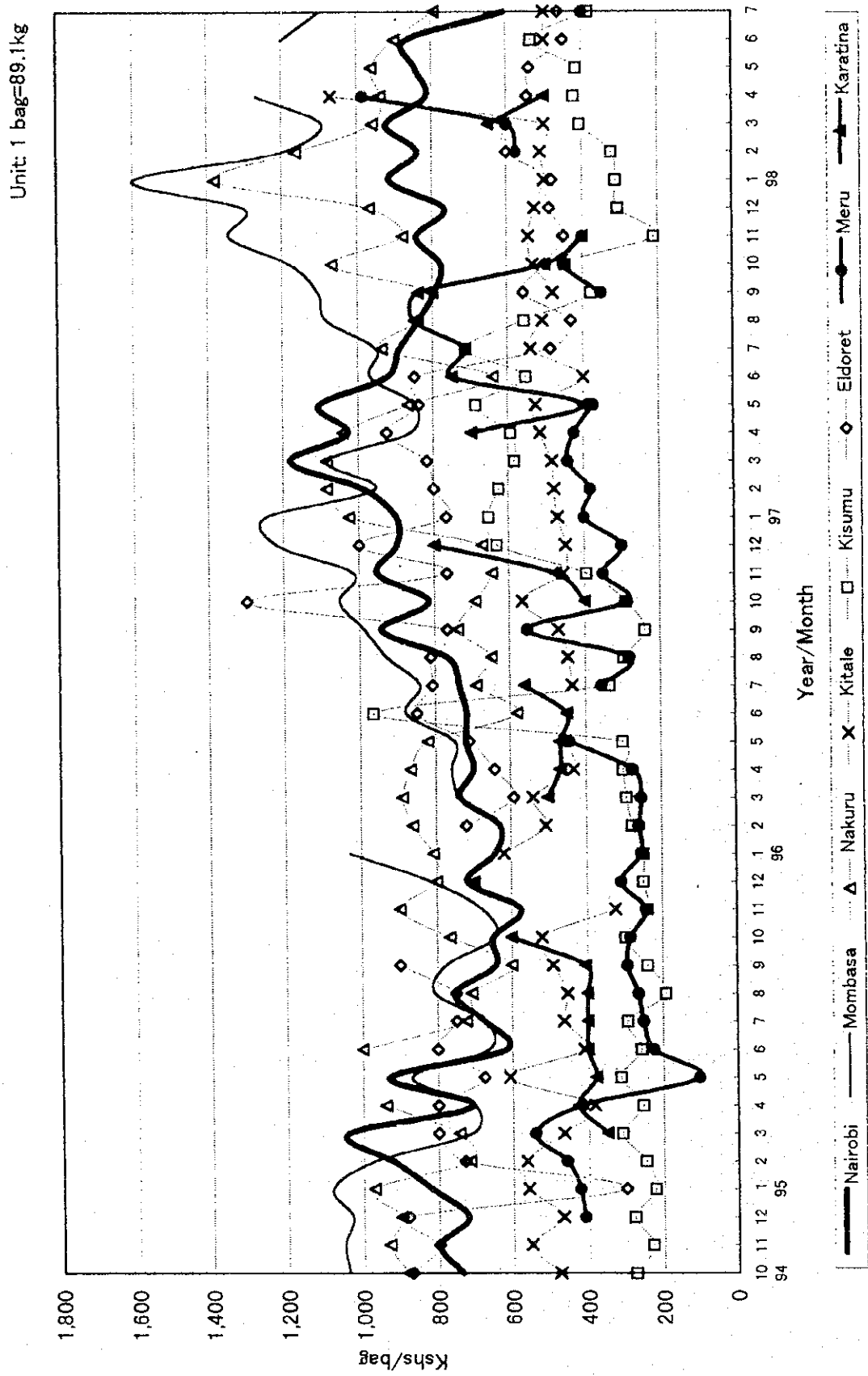


Figure N.1-12 Price Fluctuation by Crop(2)Banana, Cooking

Unit: 1 medium bunch=22.0kg

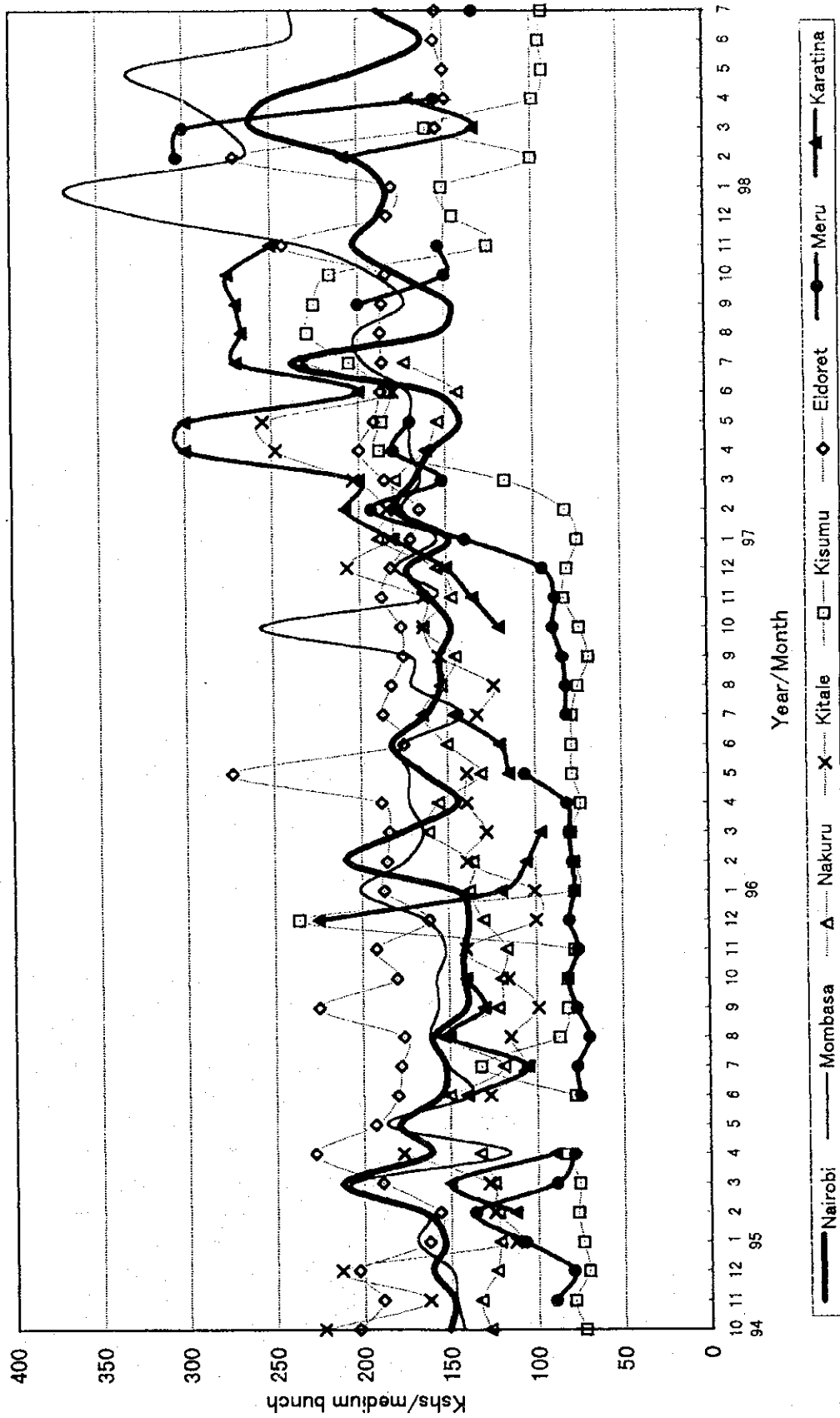


Figure N.1-13 Price Fluctuation by Crop(3)Banana,Ripe

Unit: 1 medium bunch=13.8kg

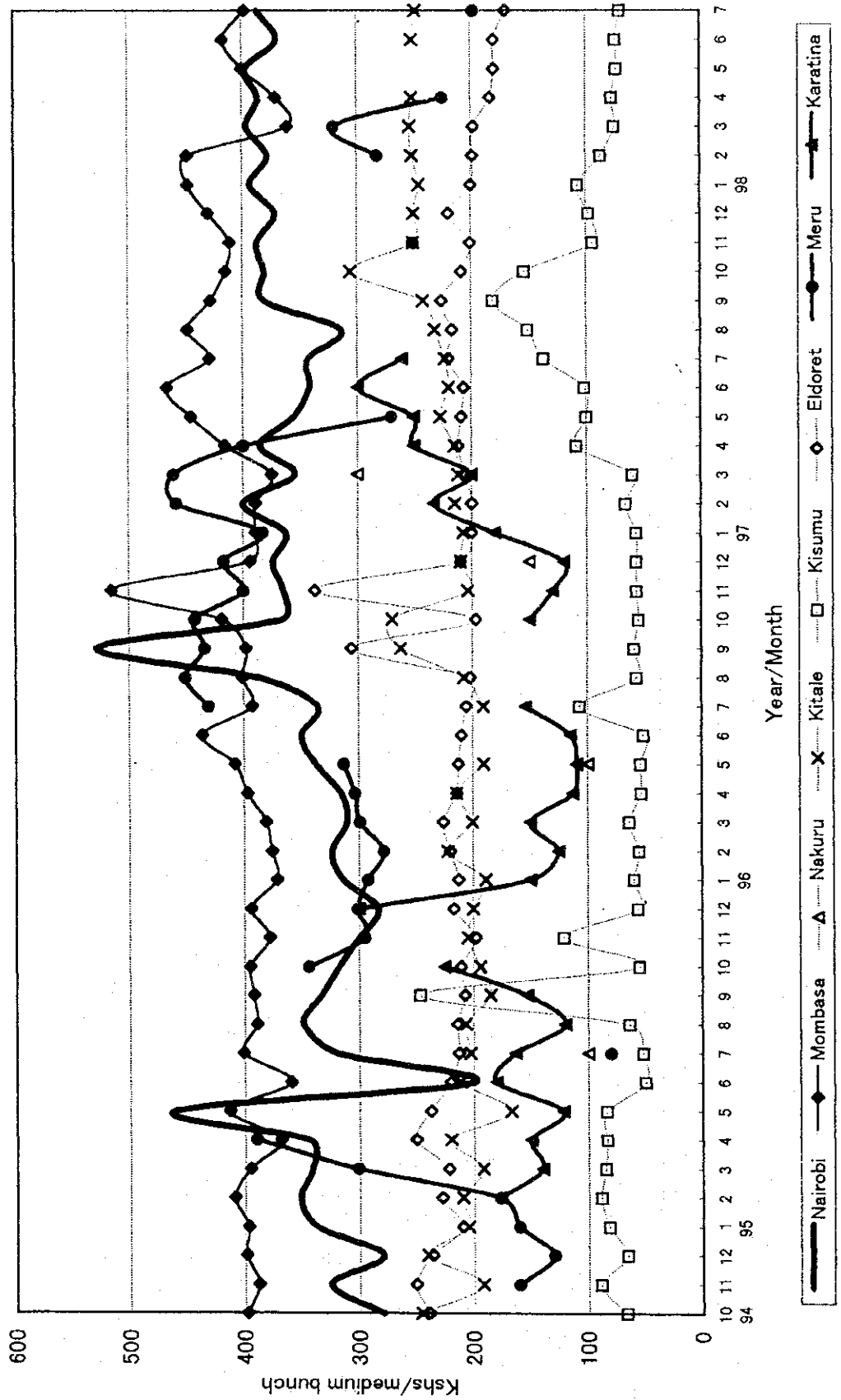


Figure N.1-14 Price Fluctuation by Crop(4)Bean,Canadian Wonder

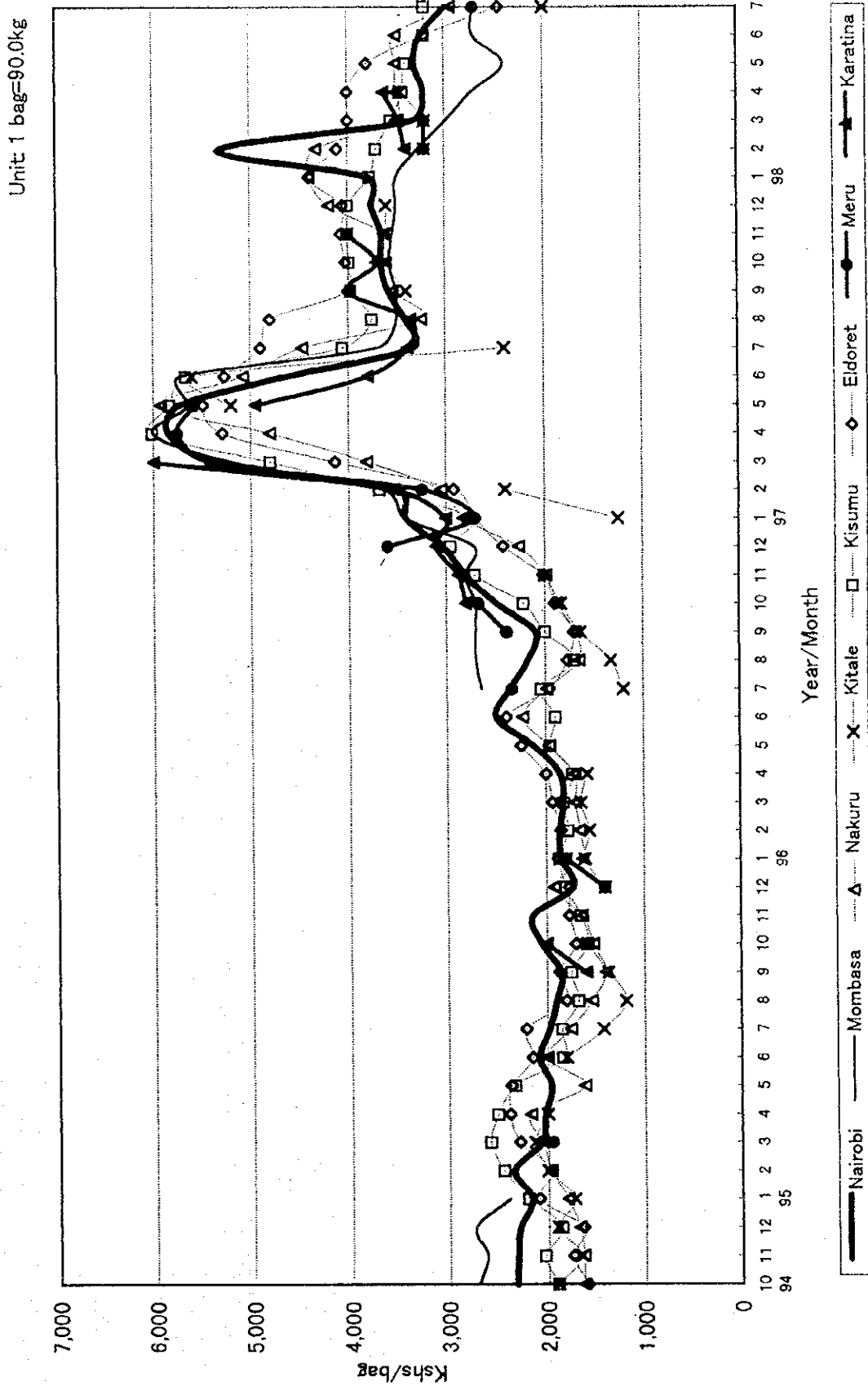


Figure N.1-15 Price Fluctuation by Crop(5) Bean, Dolichos

Unit: 1 bag=90.0kg

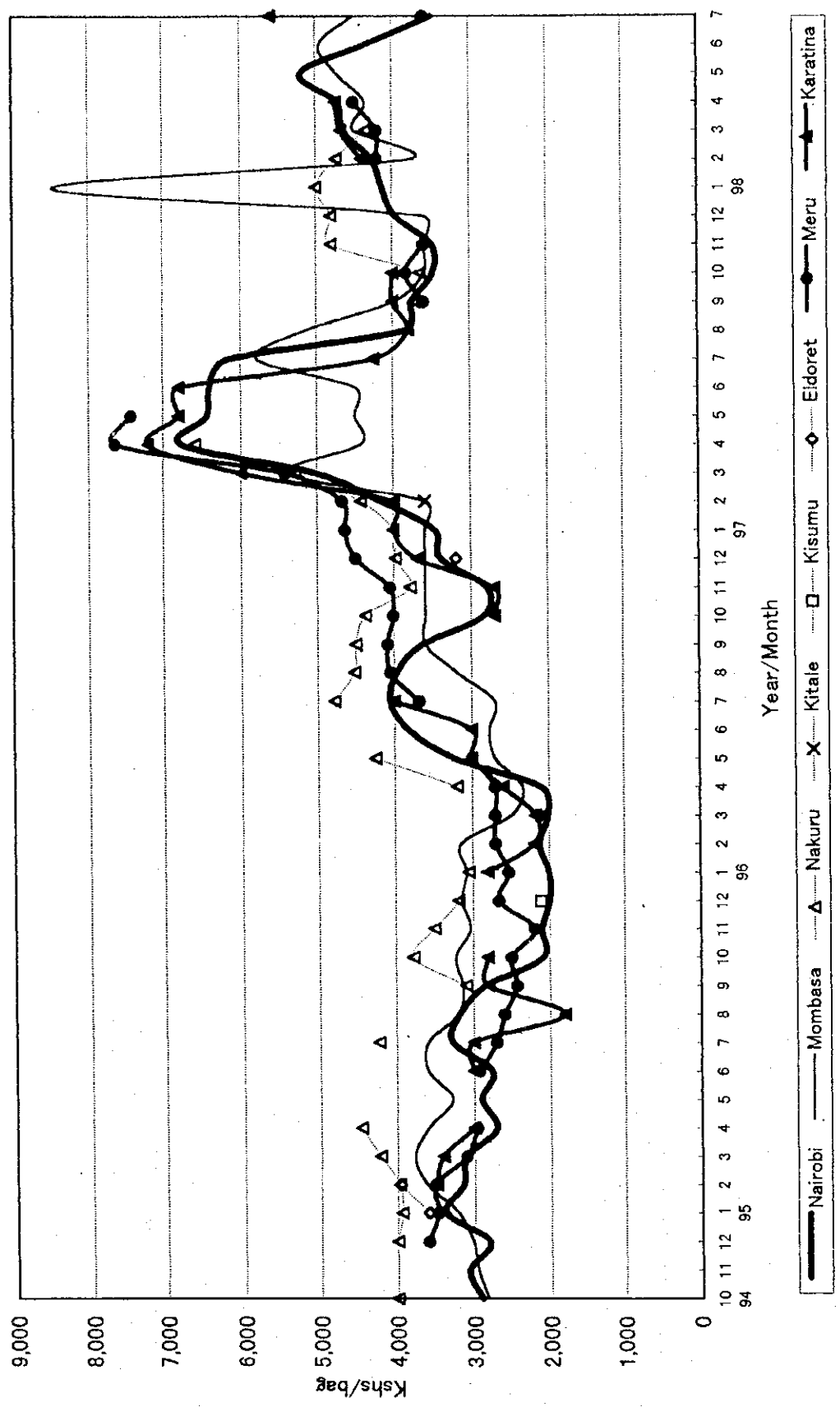


Figure N.11-16 Price Fluctuation by Crop(6)Bean,Mwittemania

Unit: 1 bag=90.0kg

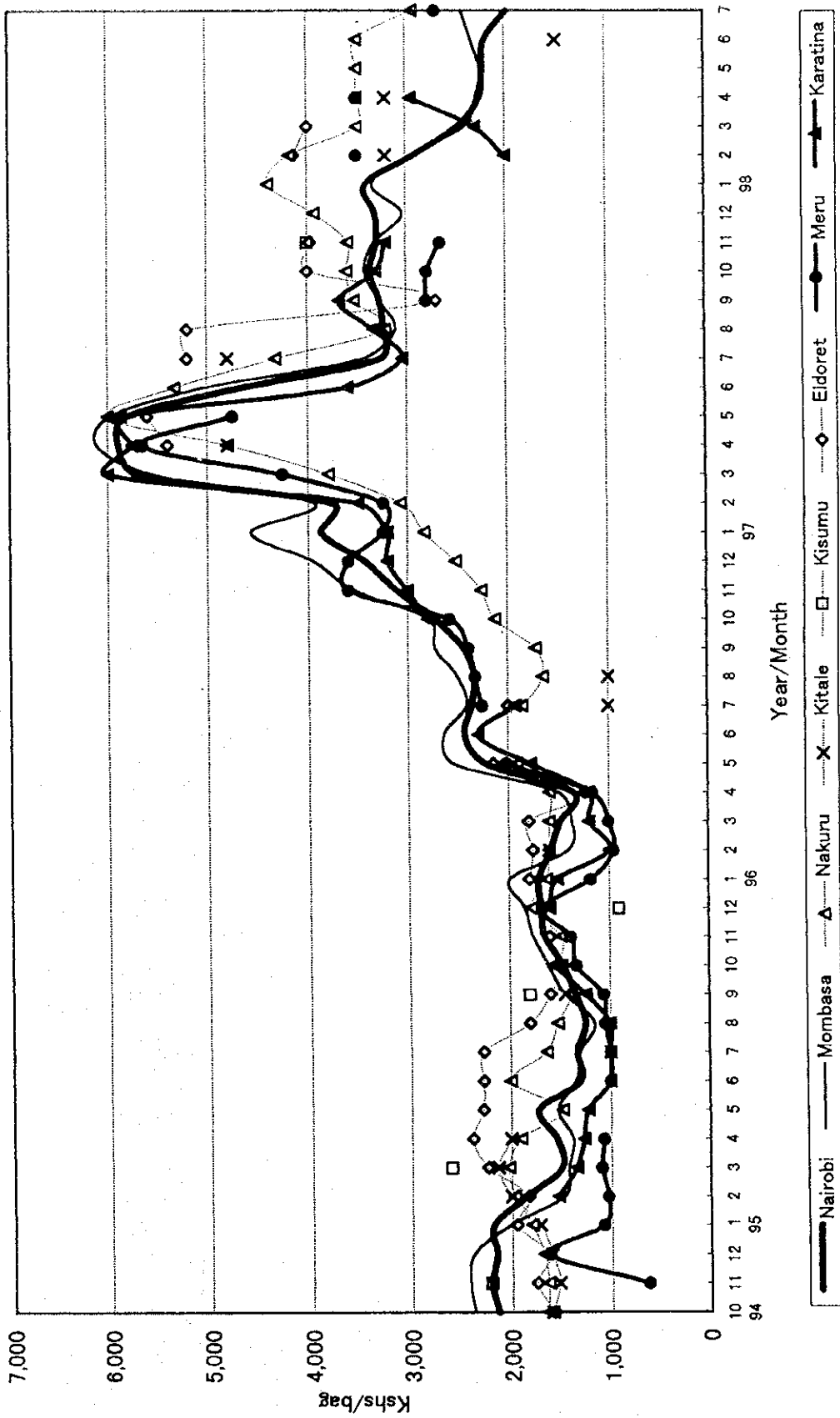


Figure N.1-17 Price Fluctuation by Crop(7) Bean, Rose Coco

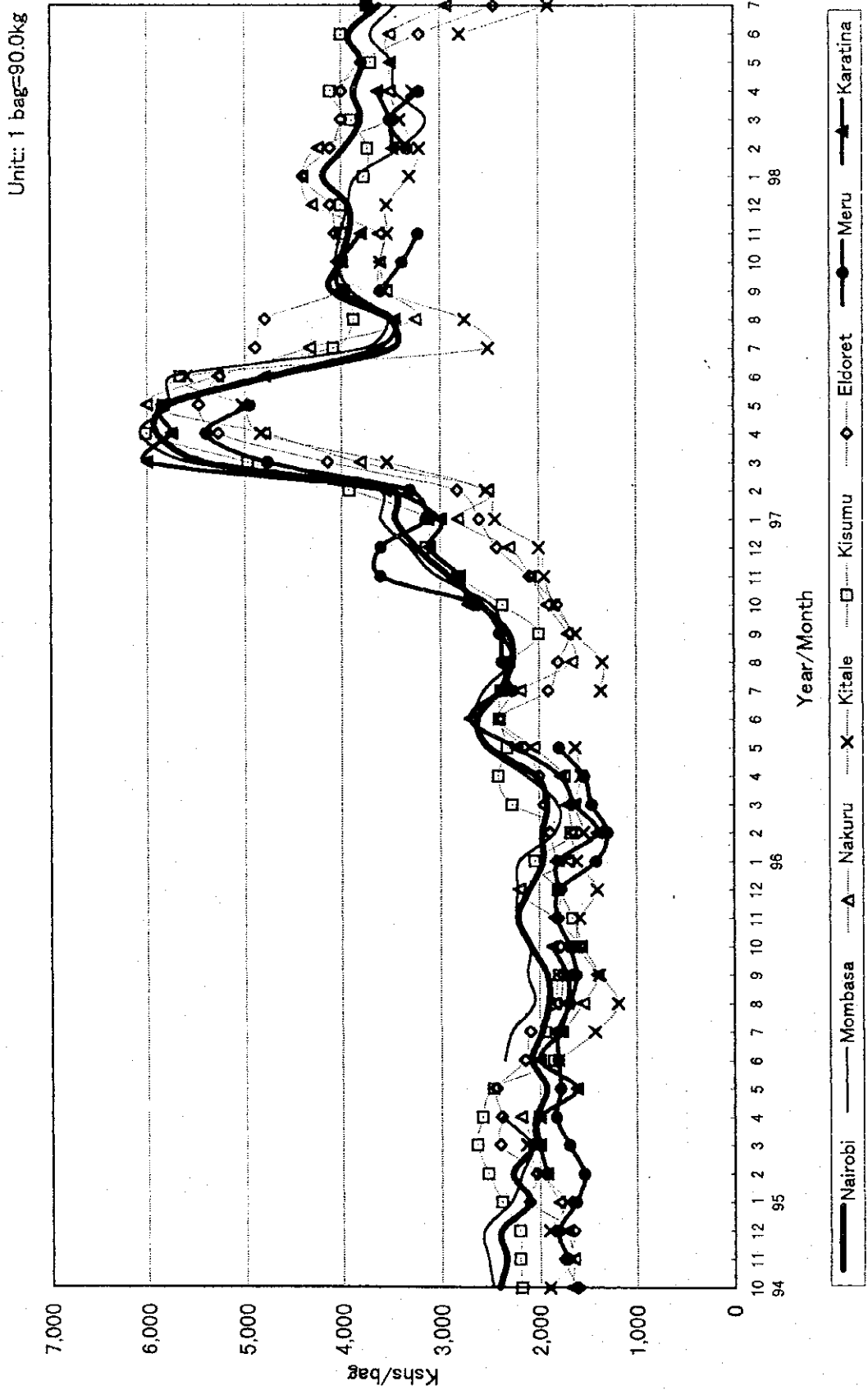


Figure N.1-18 Price Fluctuation by Crop(8)Brinjar

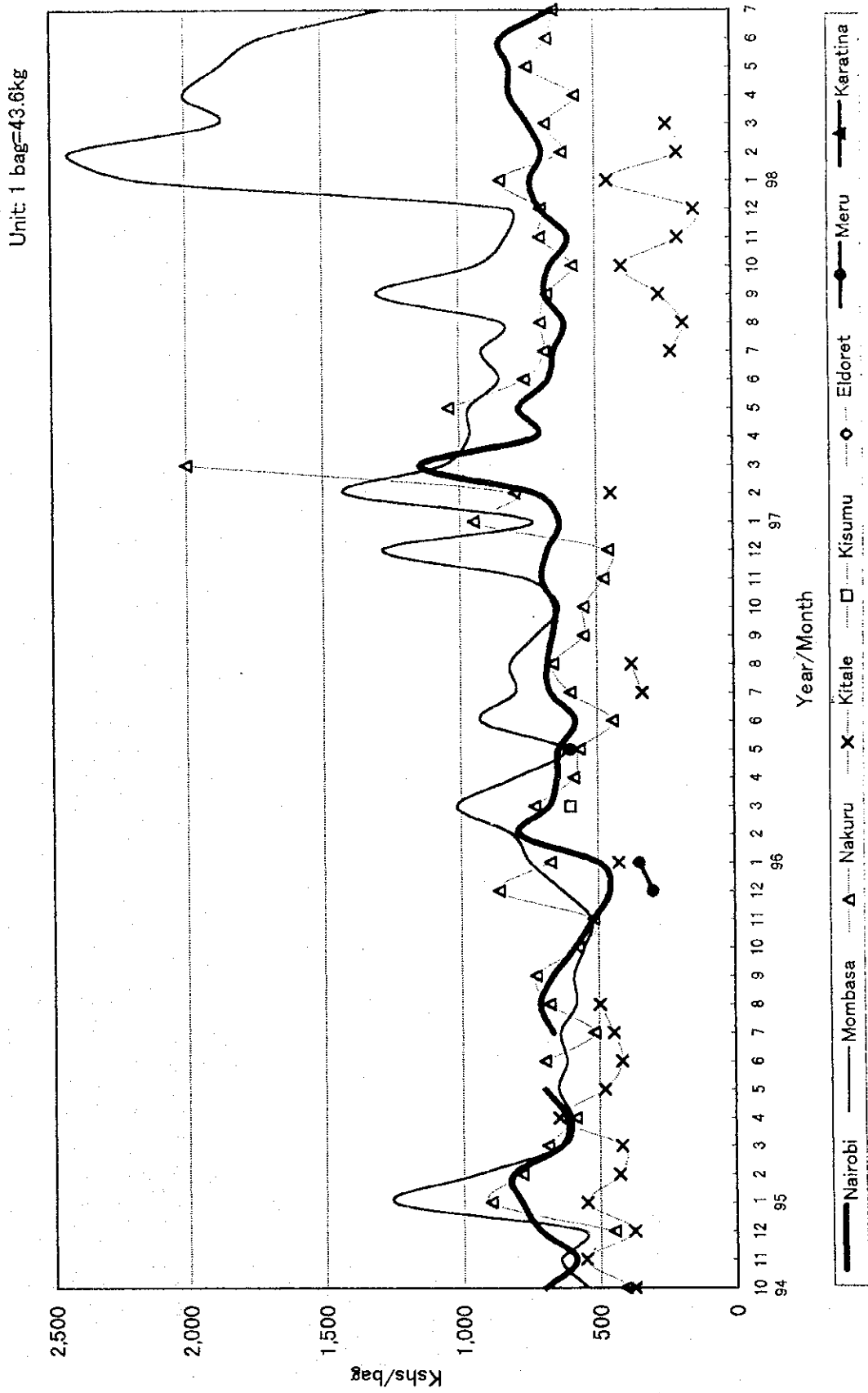


Figure N.1.1-19 Price Fluctuation by Crop(9)Cabbage

Unit: 1 ext.bag=126.2kg

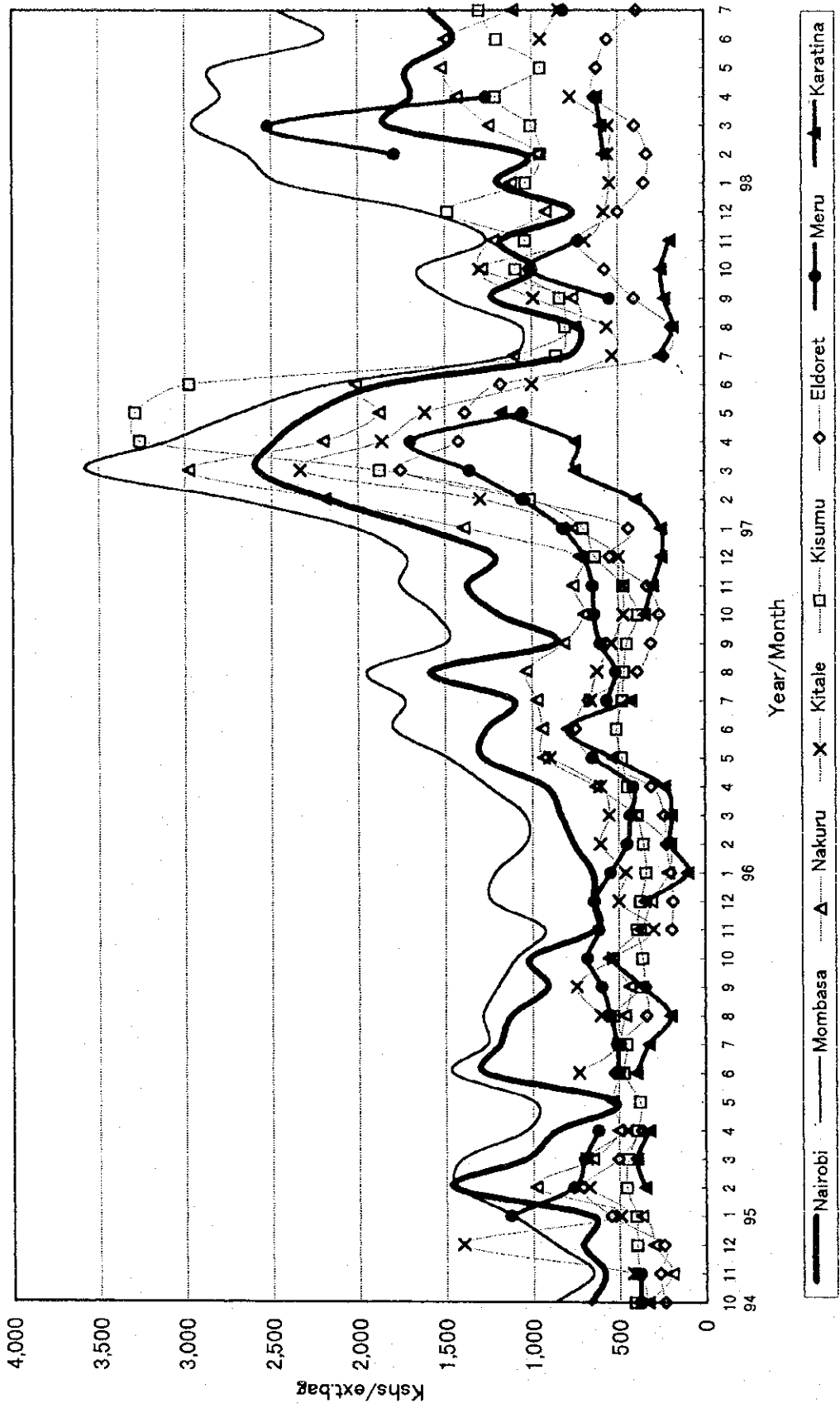


Figure N.1-20 Price Fluctuation by Crop(10)Capsicum

Unit: 1 bag=51.8kg

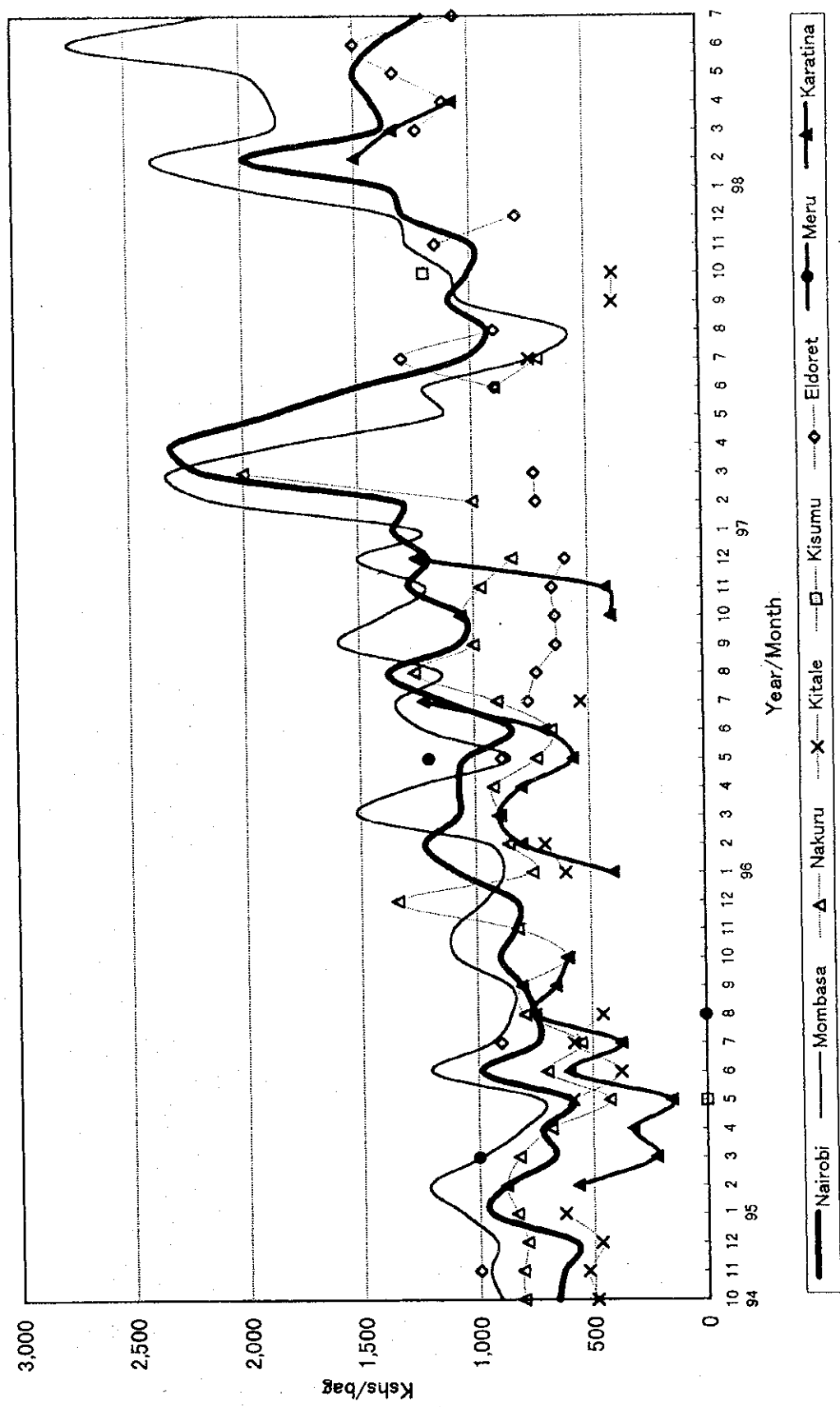


Figure N.1-21 Price Fluctuation by Crop(11)Cauliflower

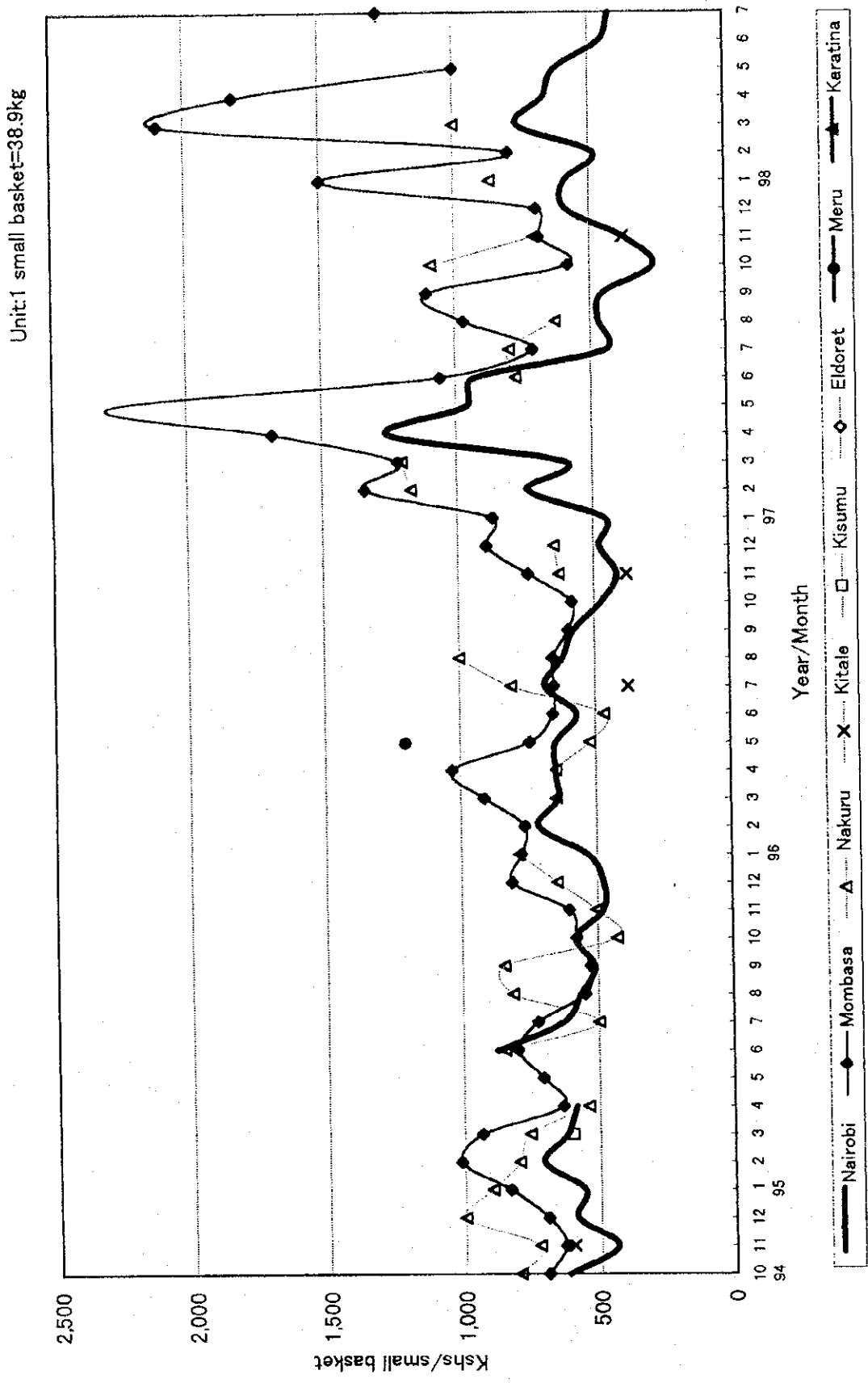


Figure N.1-22 Price Fluctuation by Crop(12)Carrot

Unit: 1 ext.bag=17.0kg

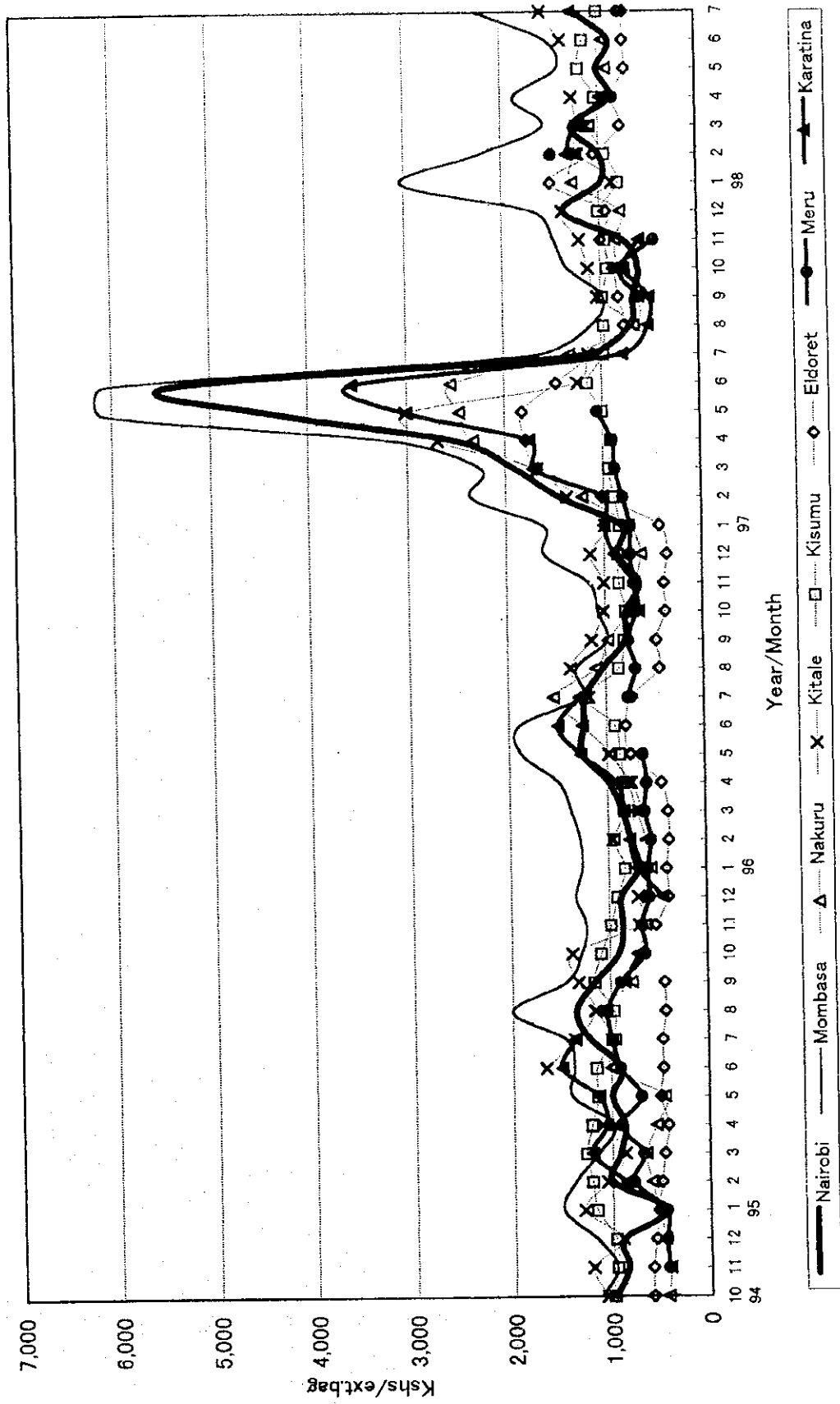


Figure N.1-23 Price Fluctuation by Crop(13)Cassava,Fresh

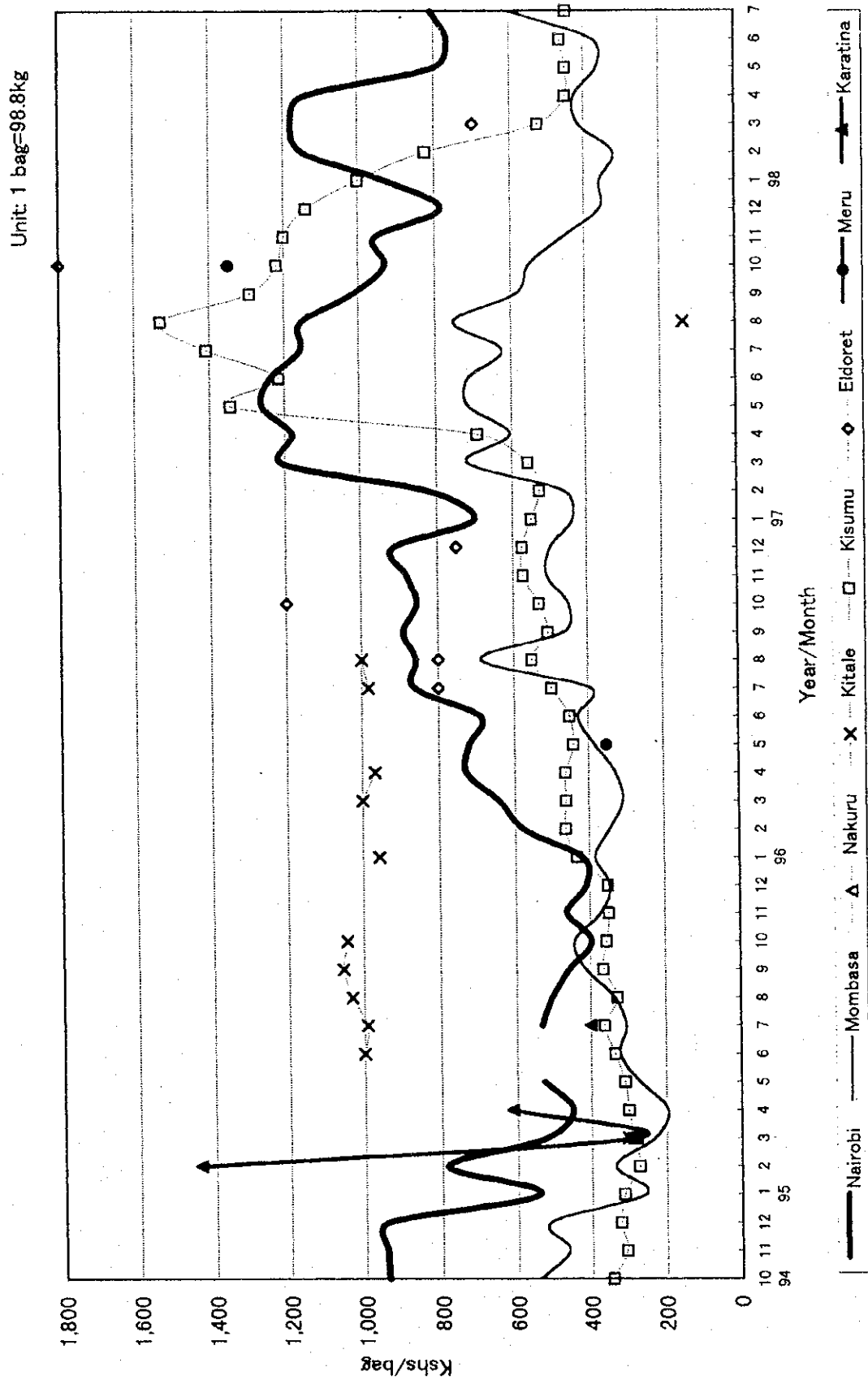


Figure N.1-24 Price Fluctuation by Crop(14)Chilli

Unit: 1 bag=49.0kg

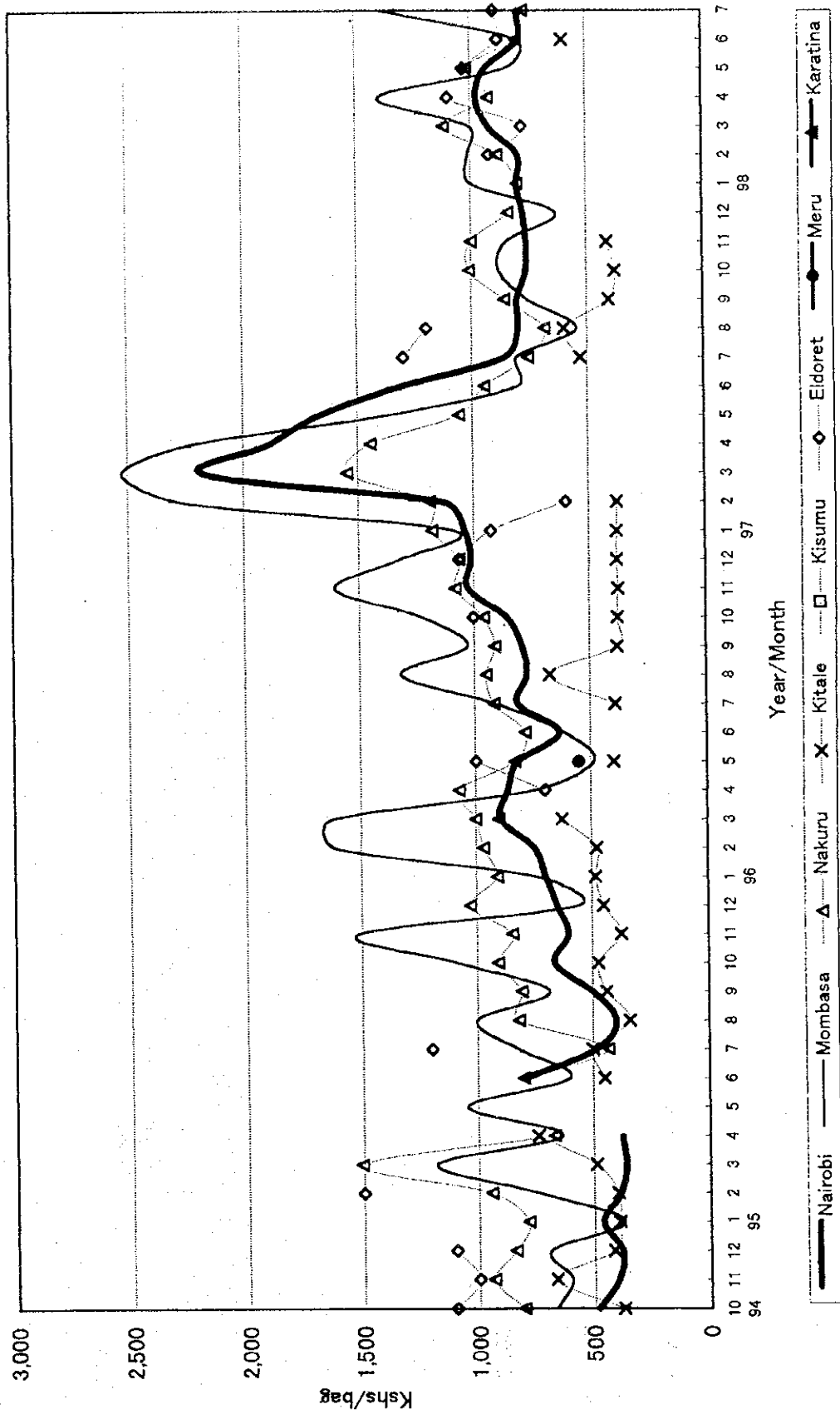


Figure N.1-25 Price Fluctuation by Crop(15)Cowpea

Unit: 1 bag=90.0kg

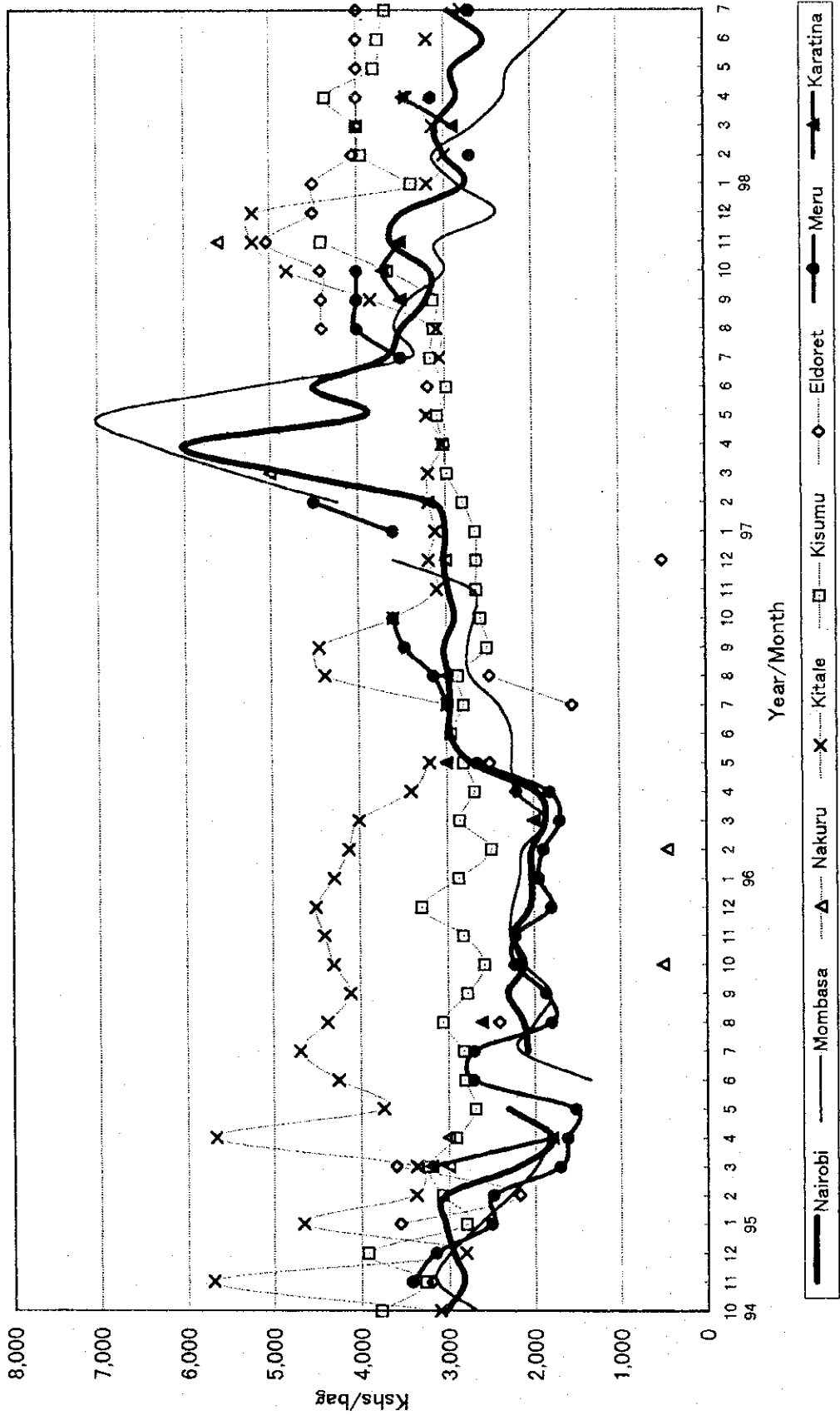


Figure N.1-26 Price Fluctuation by Crop(16)Cucumber

Unit: 1 bag=50.9kg

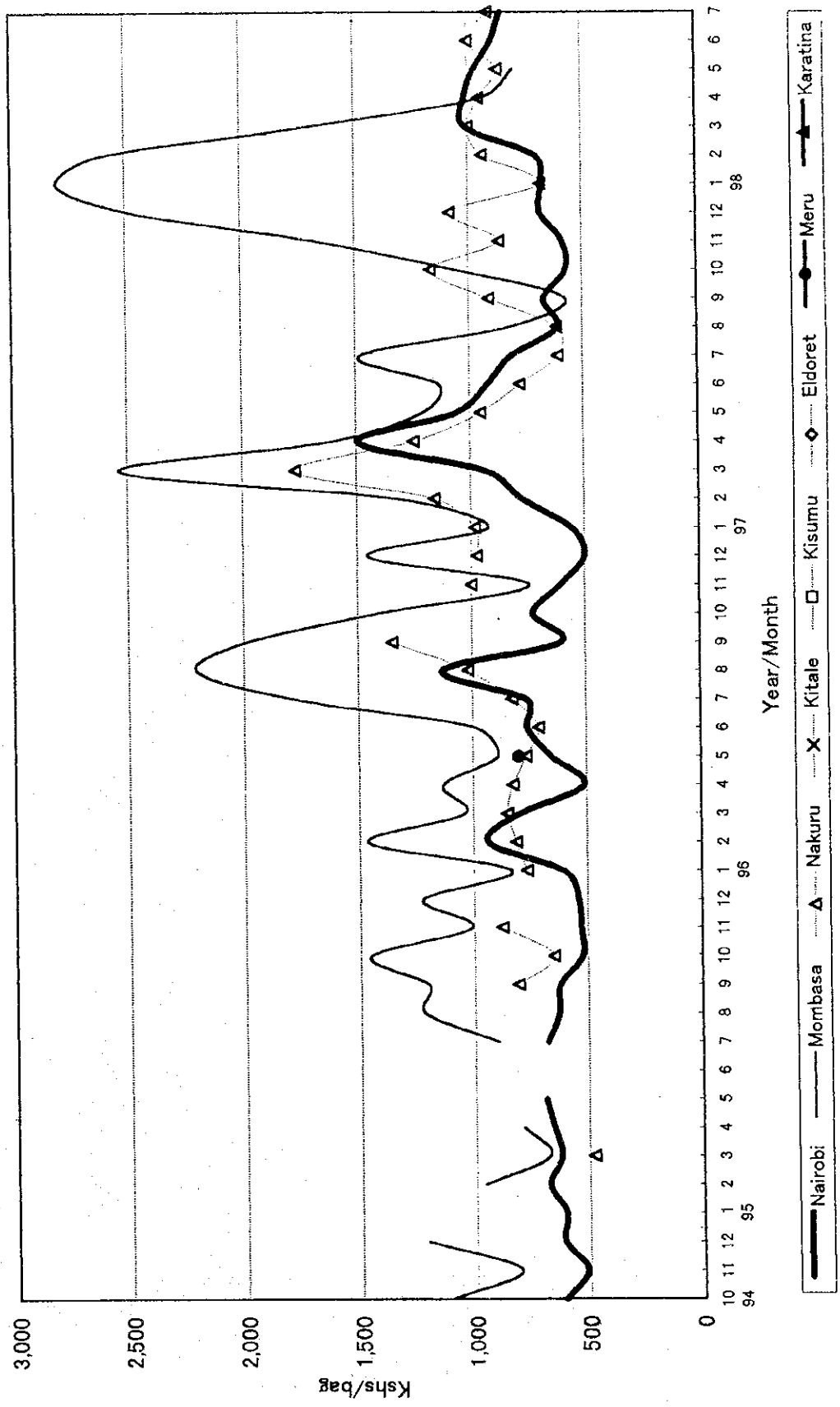


Figure N.1-27 Price Fluctuation by Crop(17)Green Gram

Unit: 1 bag=90.0kg

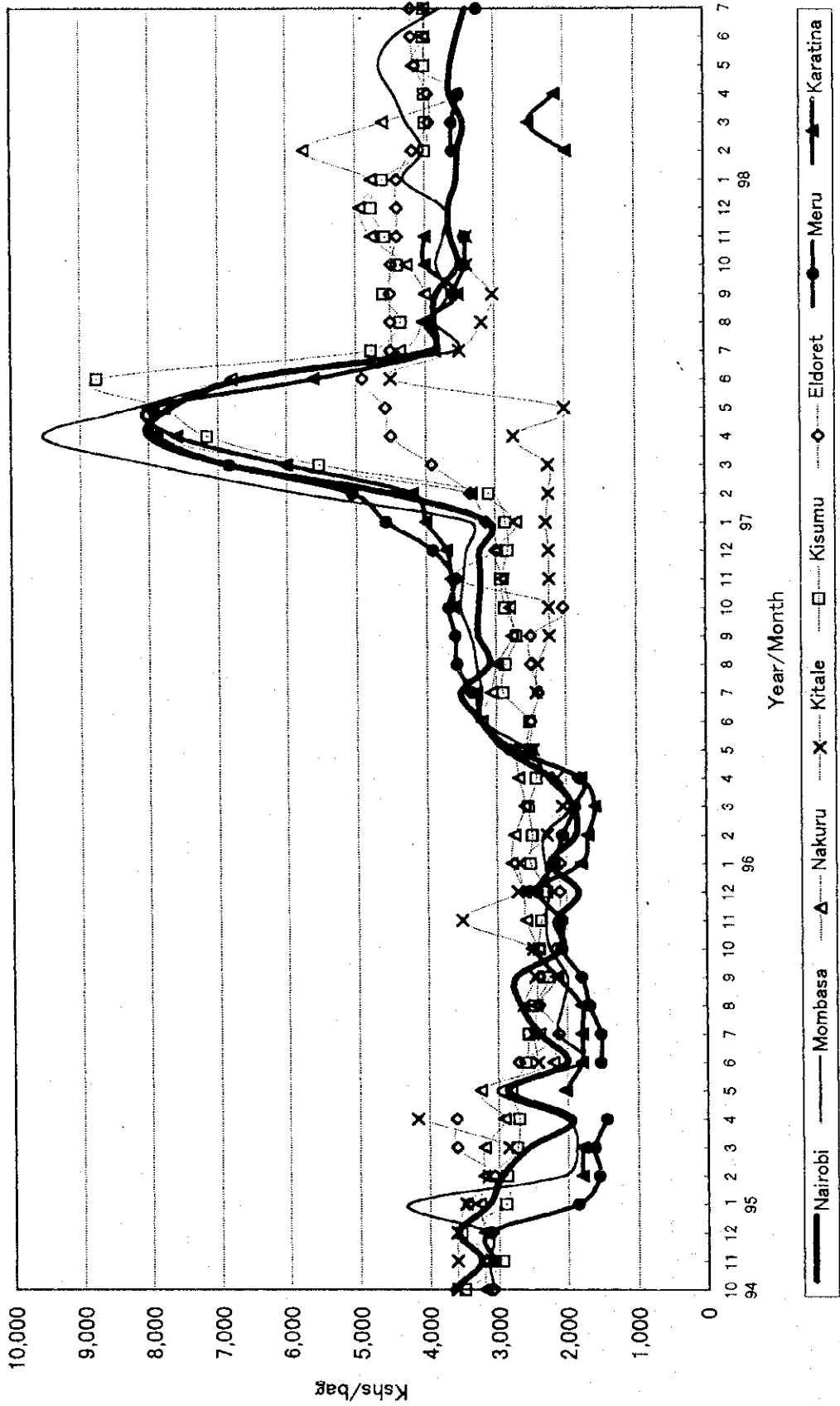


Figure N.1-28 Price Fluctuation by Crop(18)Ground Nut,Shelled

Unit: 1 bag=110.0kg

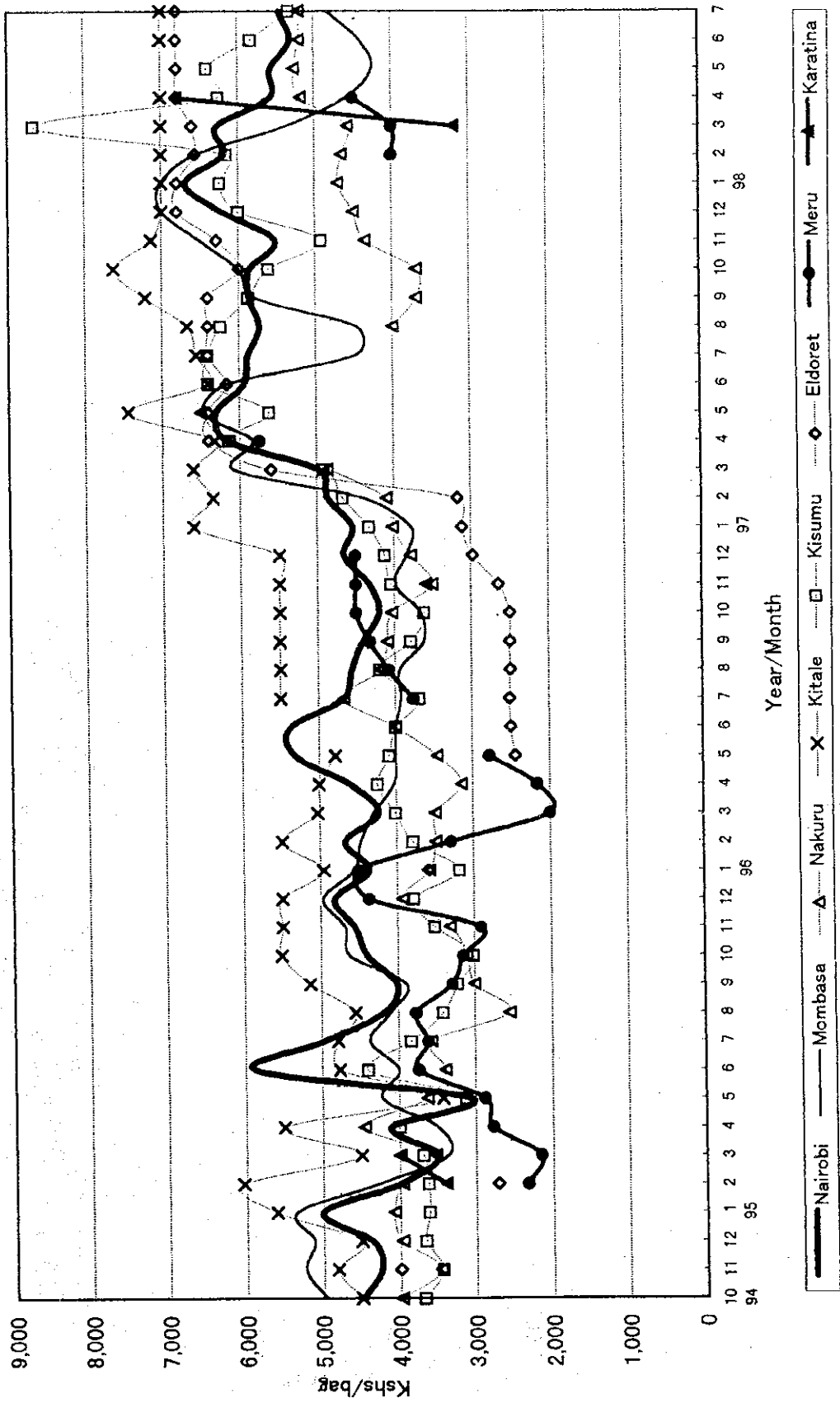


Figure N.1-29. Price Fluctuation by Crop(19)Kale,Sukuma Wiki

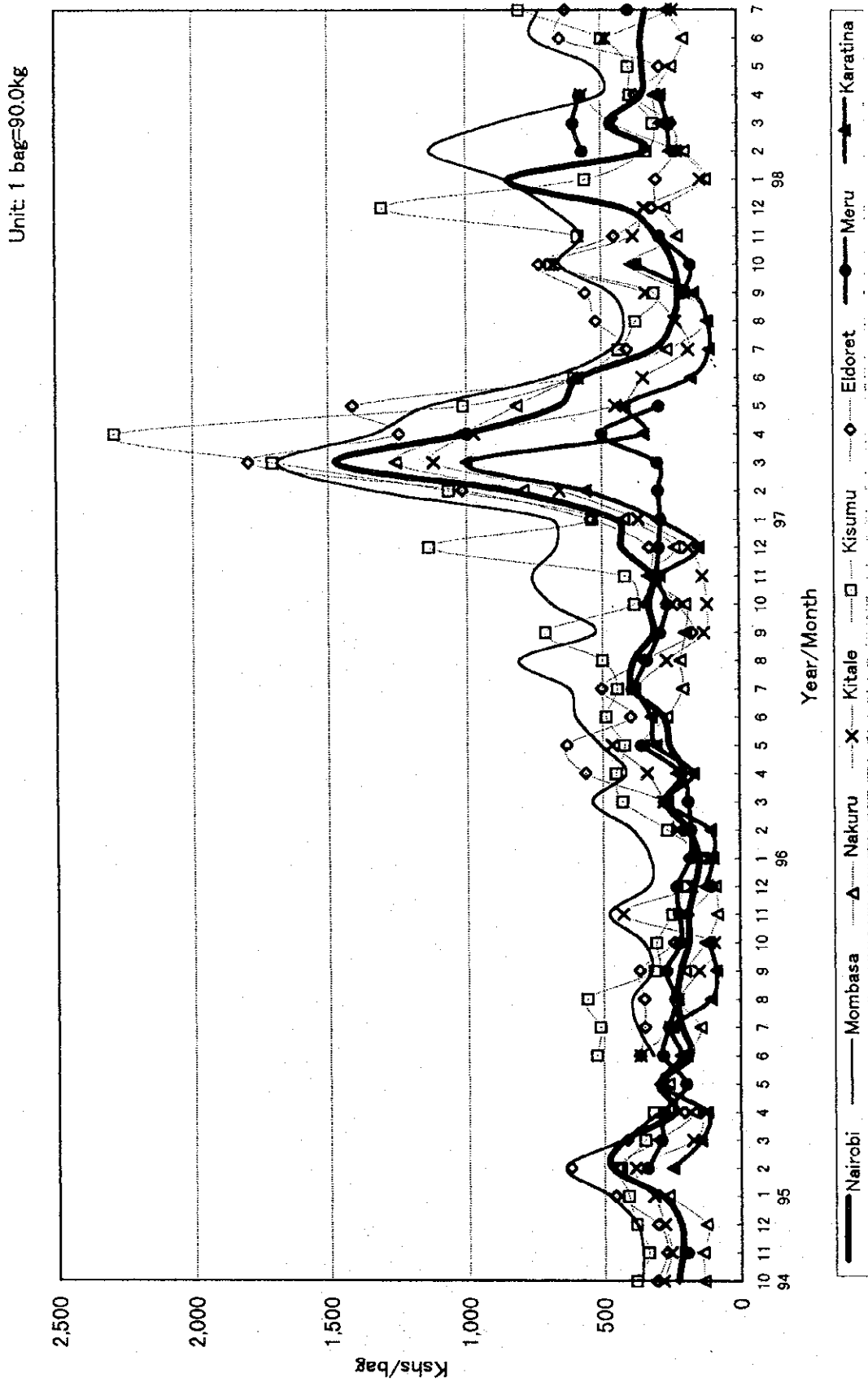


Figure N.1-30 Price Fluctuation by Crop(20)Lemon

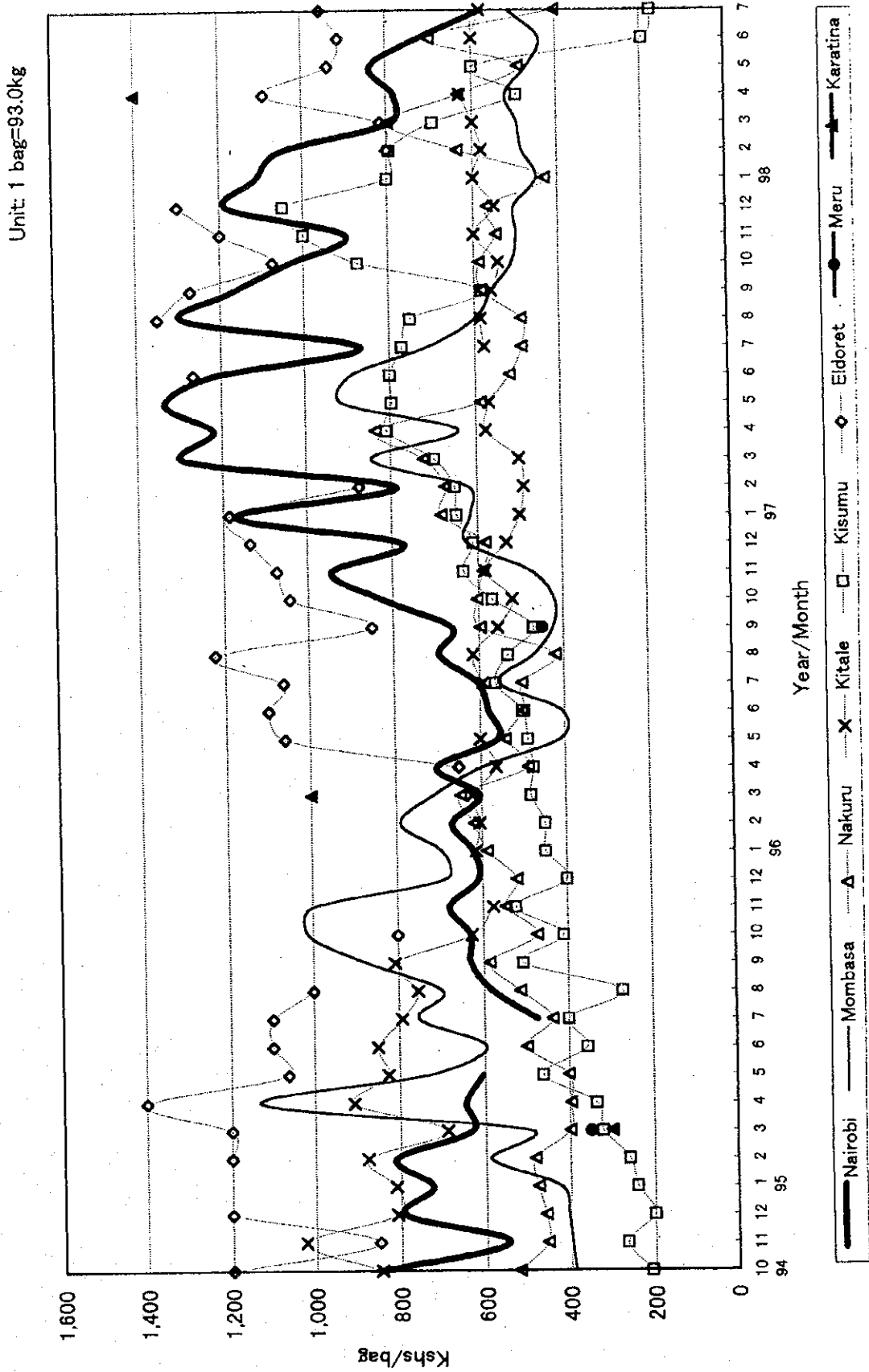


Figure N.1-31 Price Fluctuation by Crop(21) Lettuce

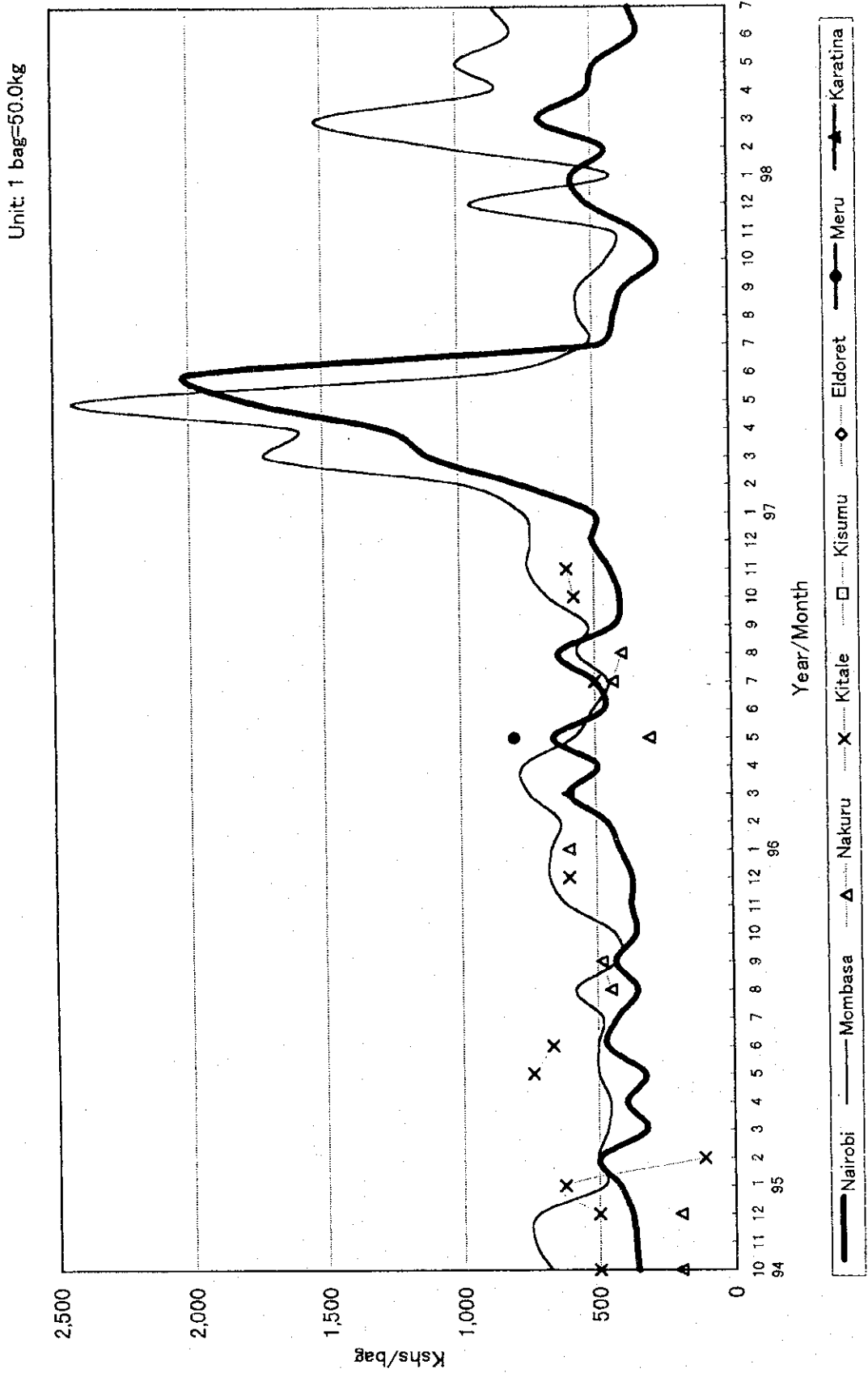


Figure N.1-32 Price Fluctuation by Crop(22)Lime

Unit 1 net=50.0kg

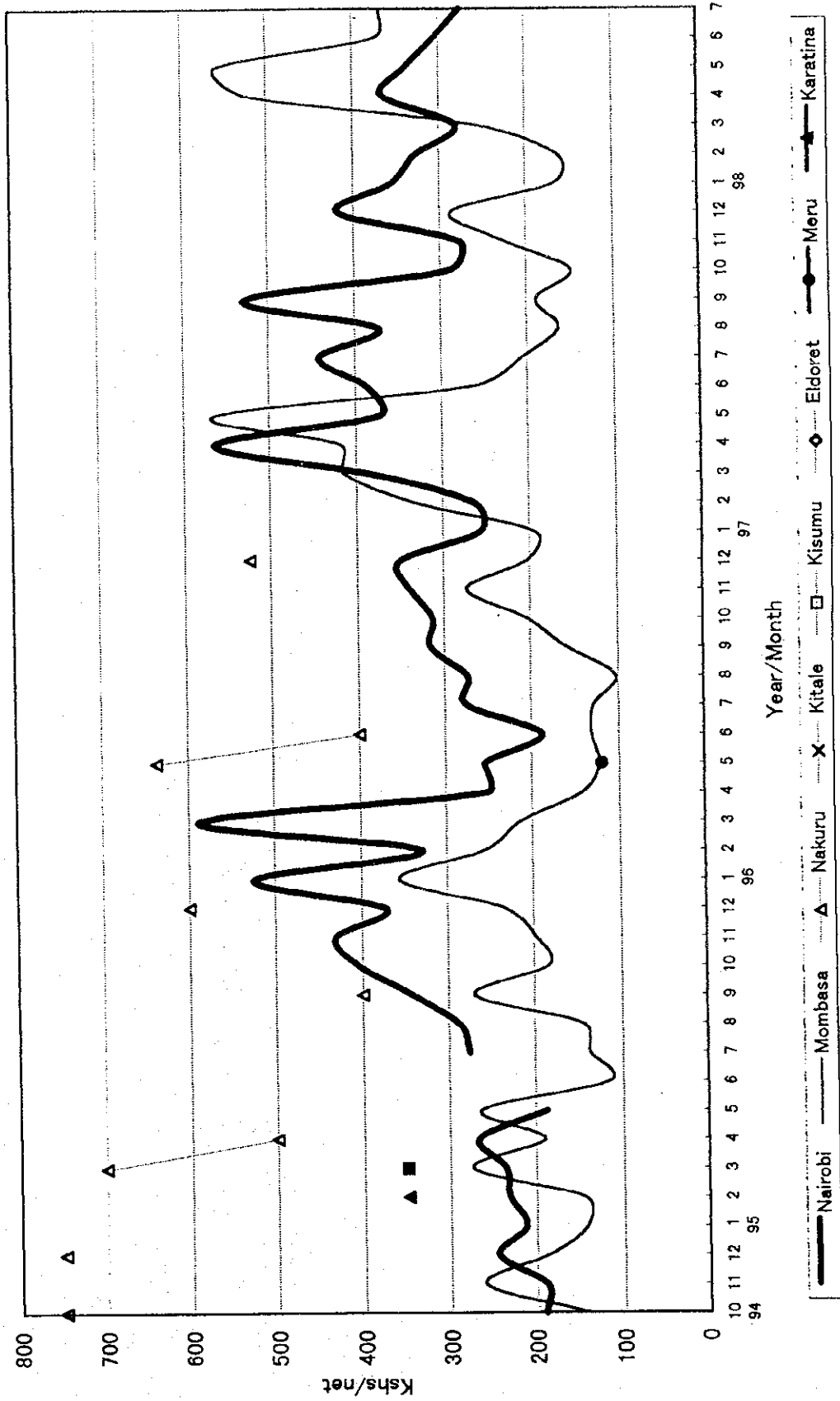


Figure N.1-33 Price Fluctuation by Crop(23)Maize,Dry

Unit: 1 bag=90.0kg

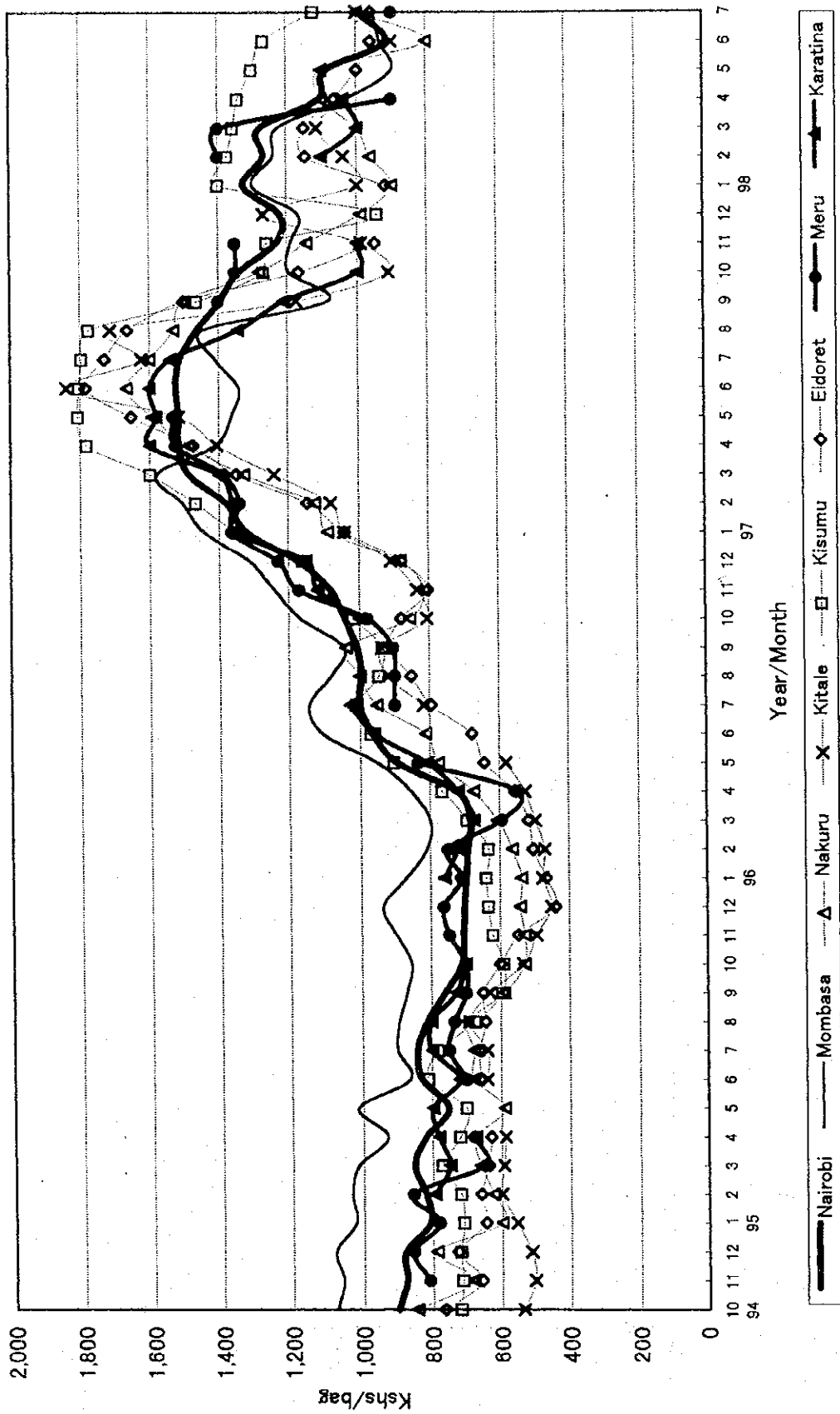


Figure N.1-34 Price Fluctuation by Crop(24)Maize,Green

Unit: 1 ext.bag=114.6kg

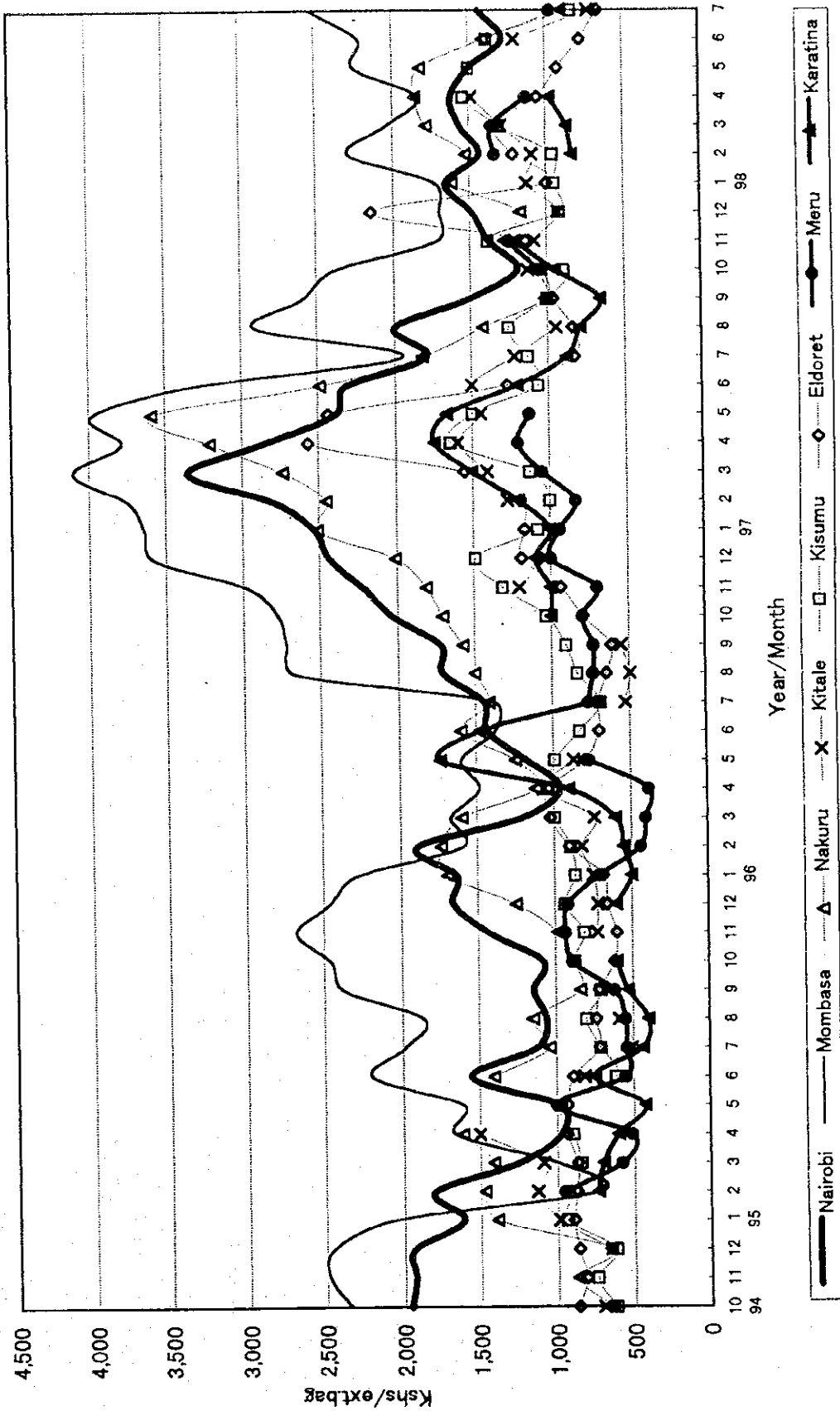


Figure N.1-35 Price Fluctuation by Crop(25)Mango,Local

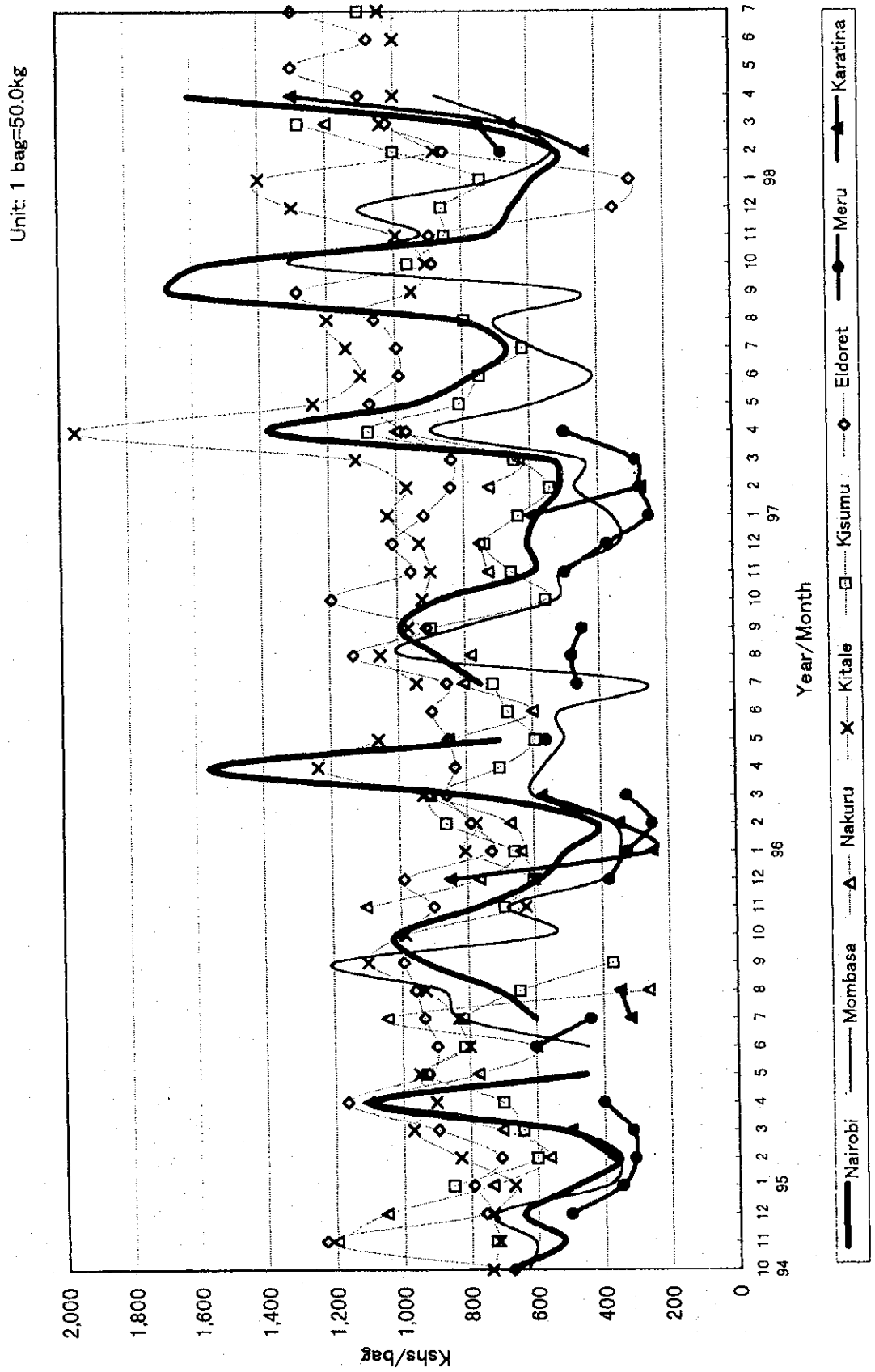


Figure N.1-36 Price Fluctuation by Crop(26)Mango,Ngowe

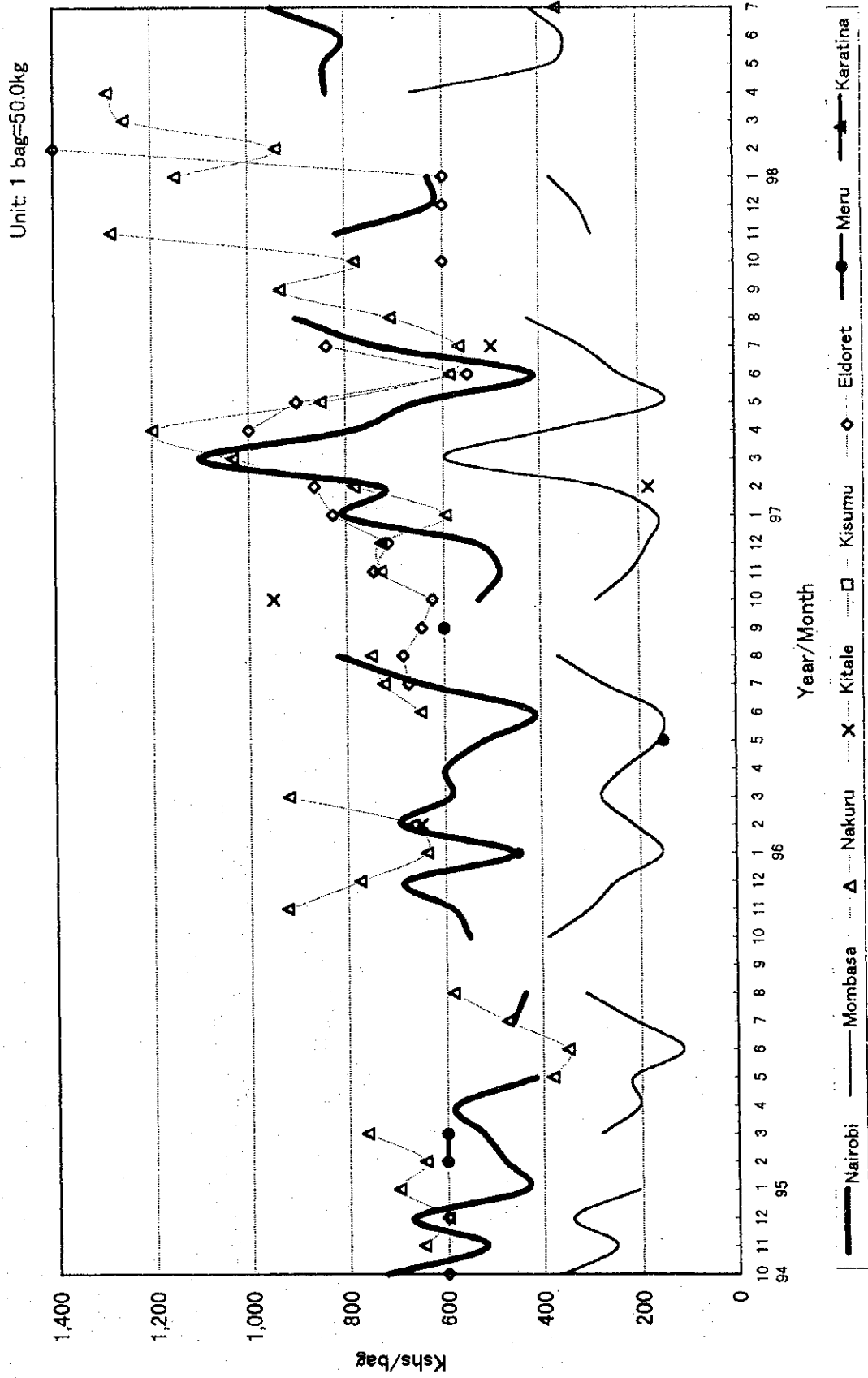


Figure N.1-37 Price Fluctuation by Crop(27)Finger Millet

Unit: 1 bag=90.0kg

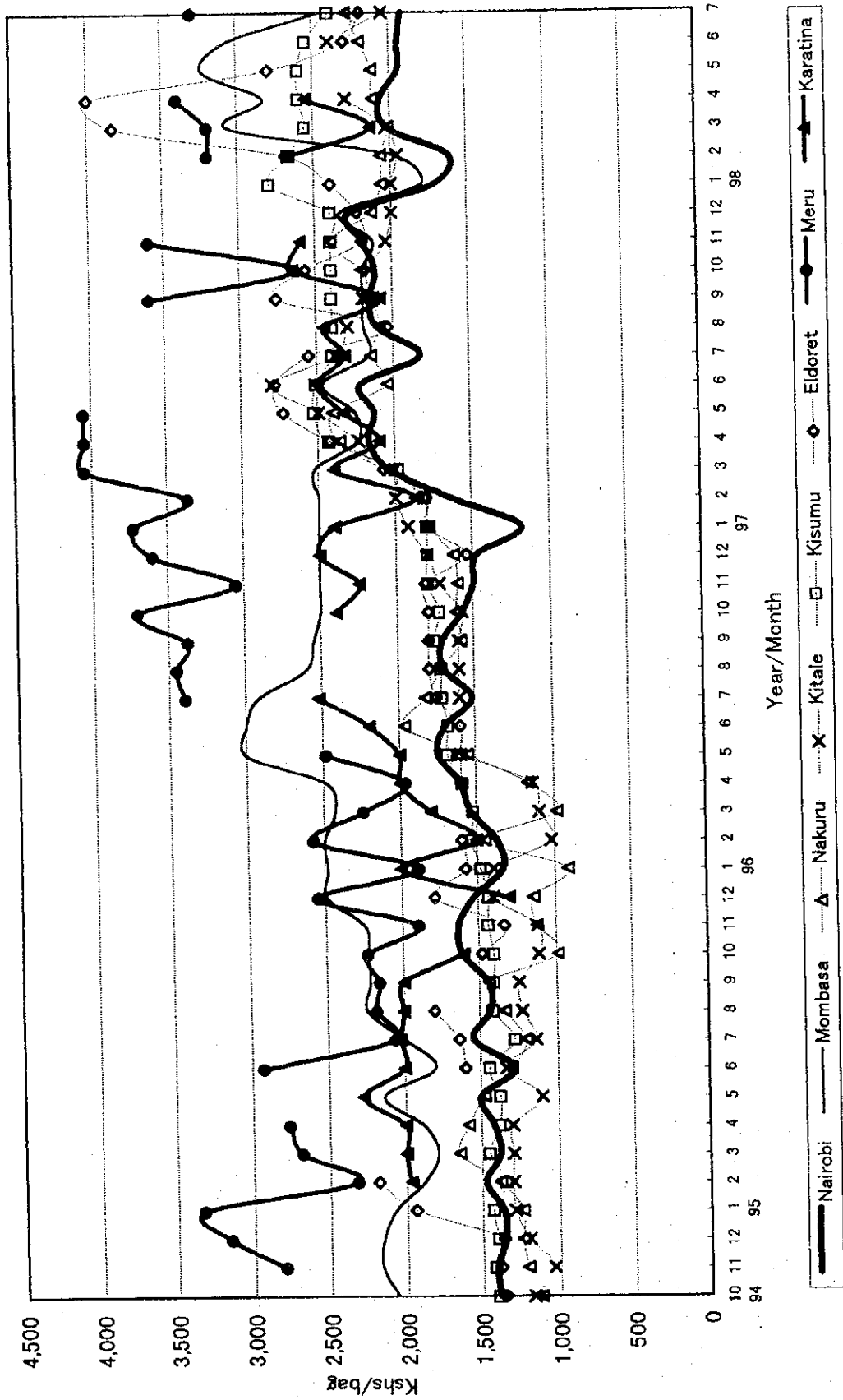


Figure N.1-38 Price Fluctuation by Crop(28) Onion, Dry Bulb

Unit: 1 net=13.2kg

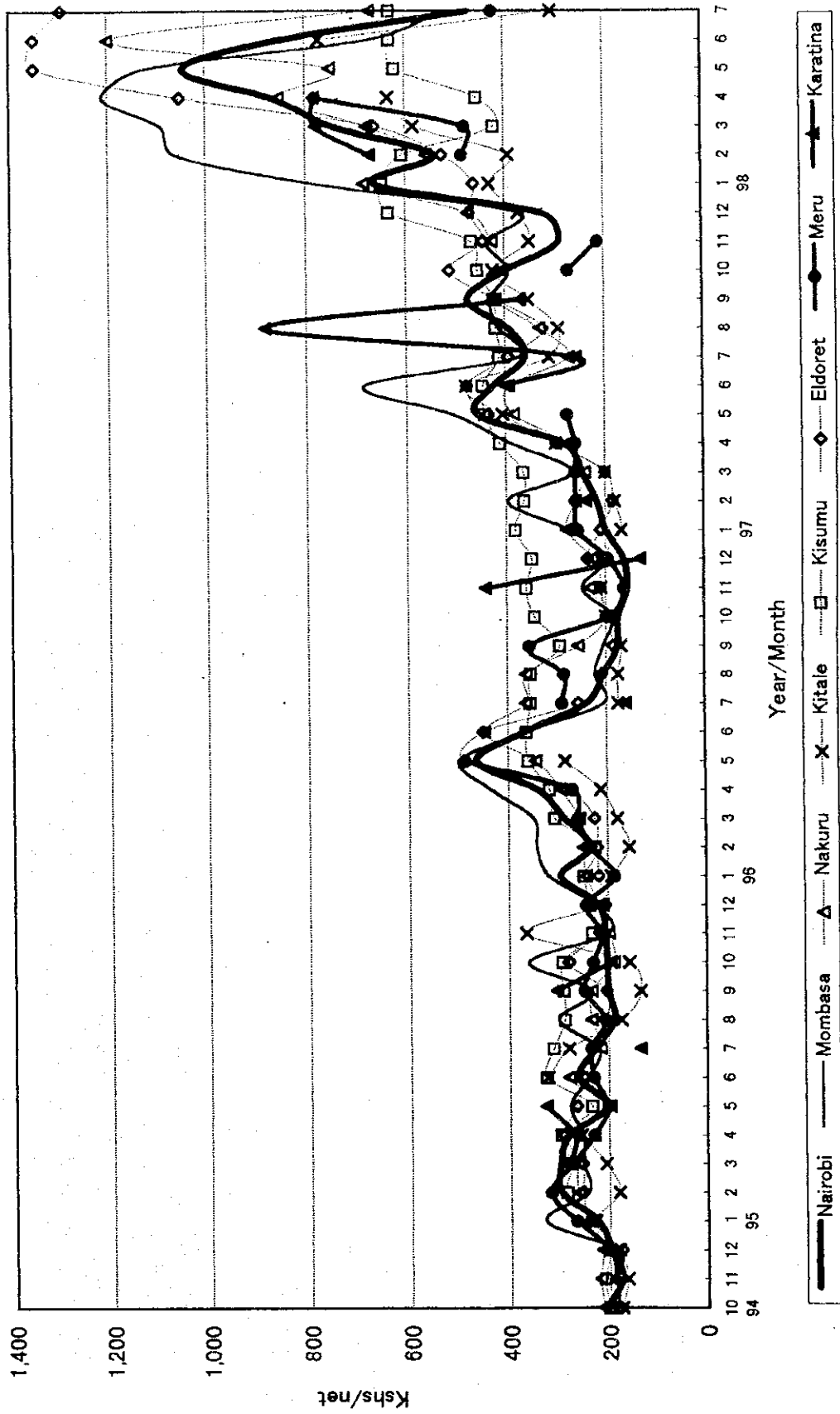


Figure N.1-39 Price Fluctuation by Crop(29)Onion, Spring

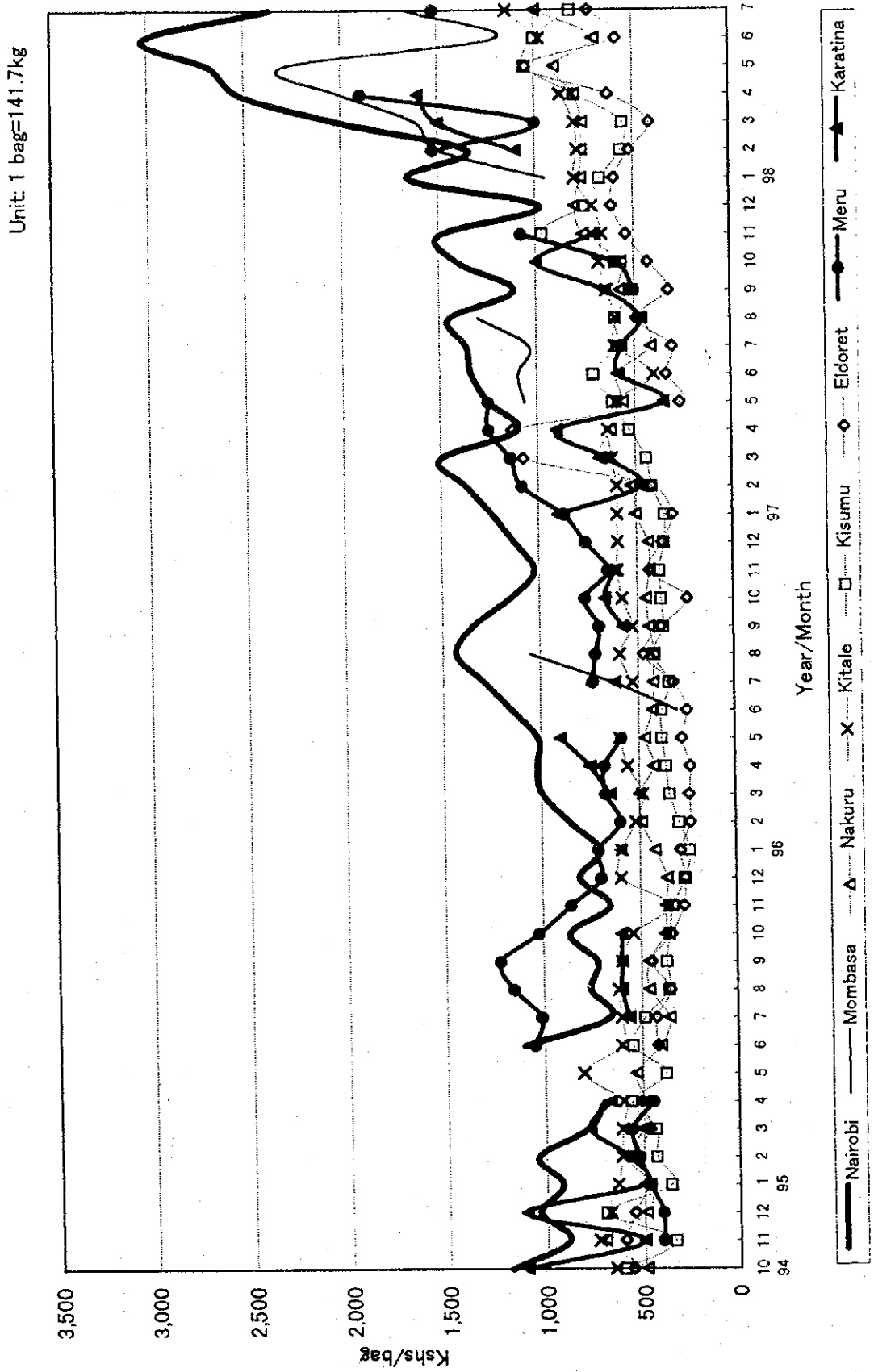


Figure N.1-40 Price Fluctuation by Crop(30)Orange

Unit: 1 bag=93.1kg

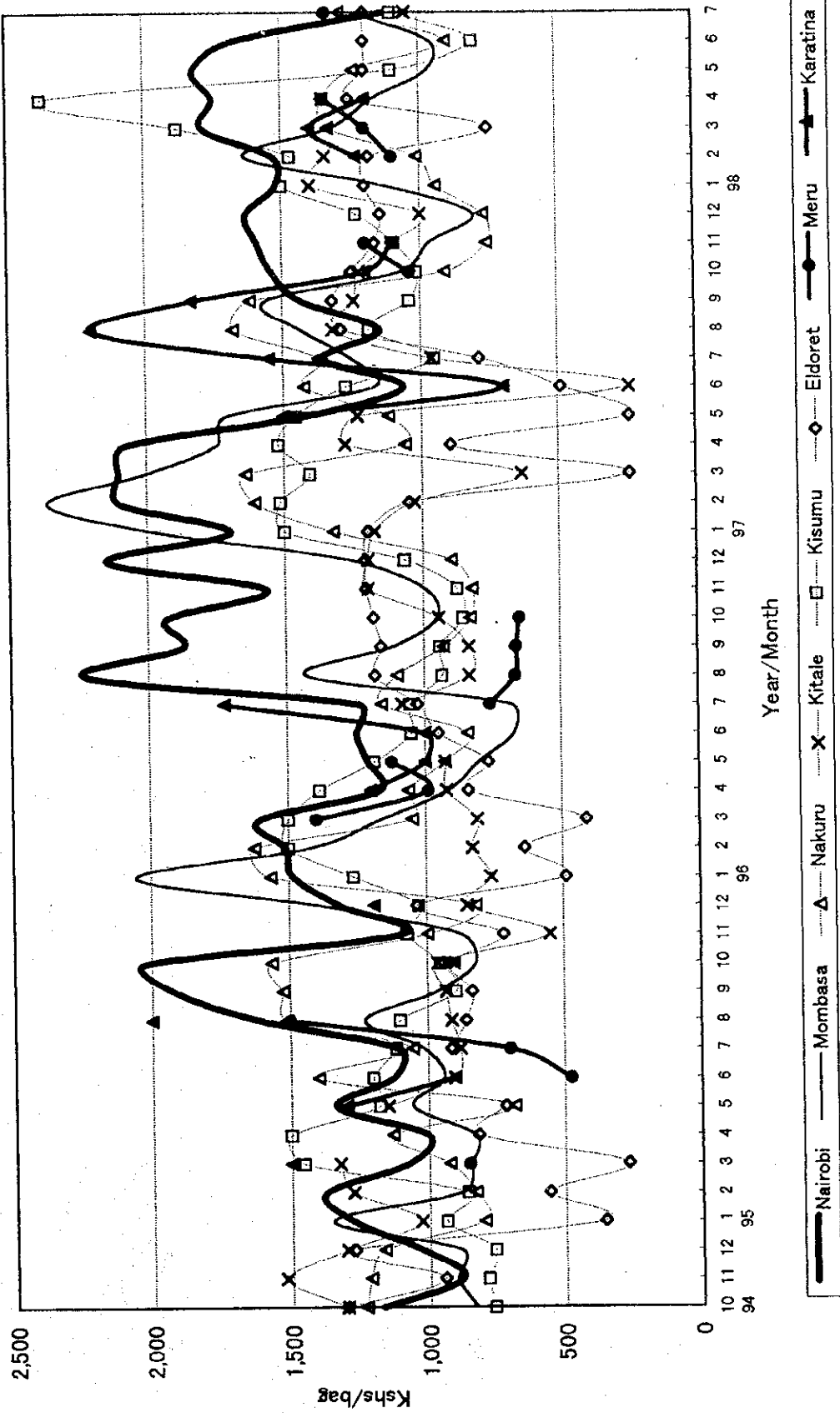


Figure N.1-41 Price Fluctuation by Crop(S1)Passion Fruit

Unit: 1 bag=57.4kg

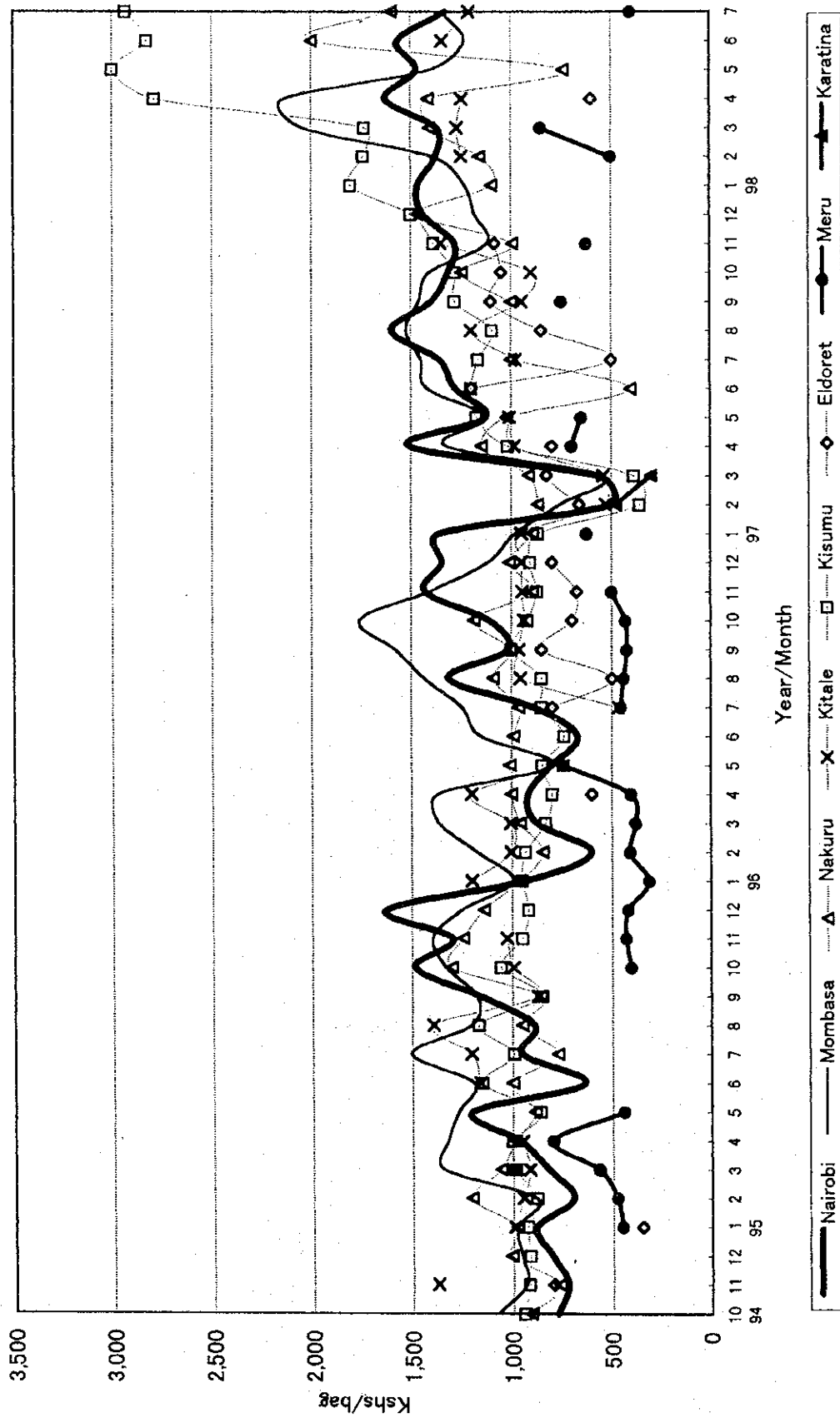


Figure N.1-42 Price Fluctuation by Crop(32)Pawpaw

Unit: 1 large box=53.7kg

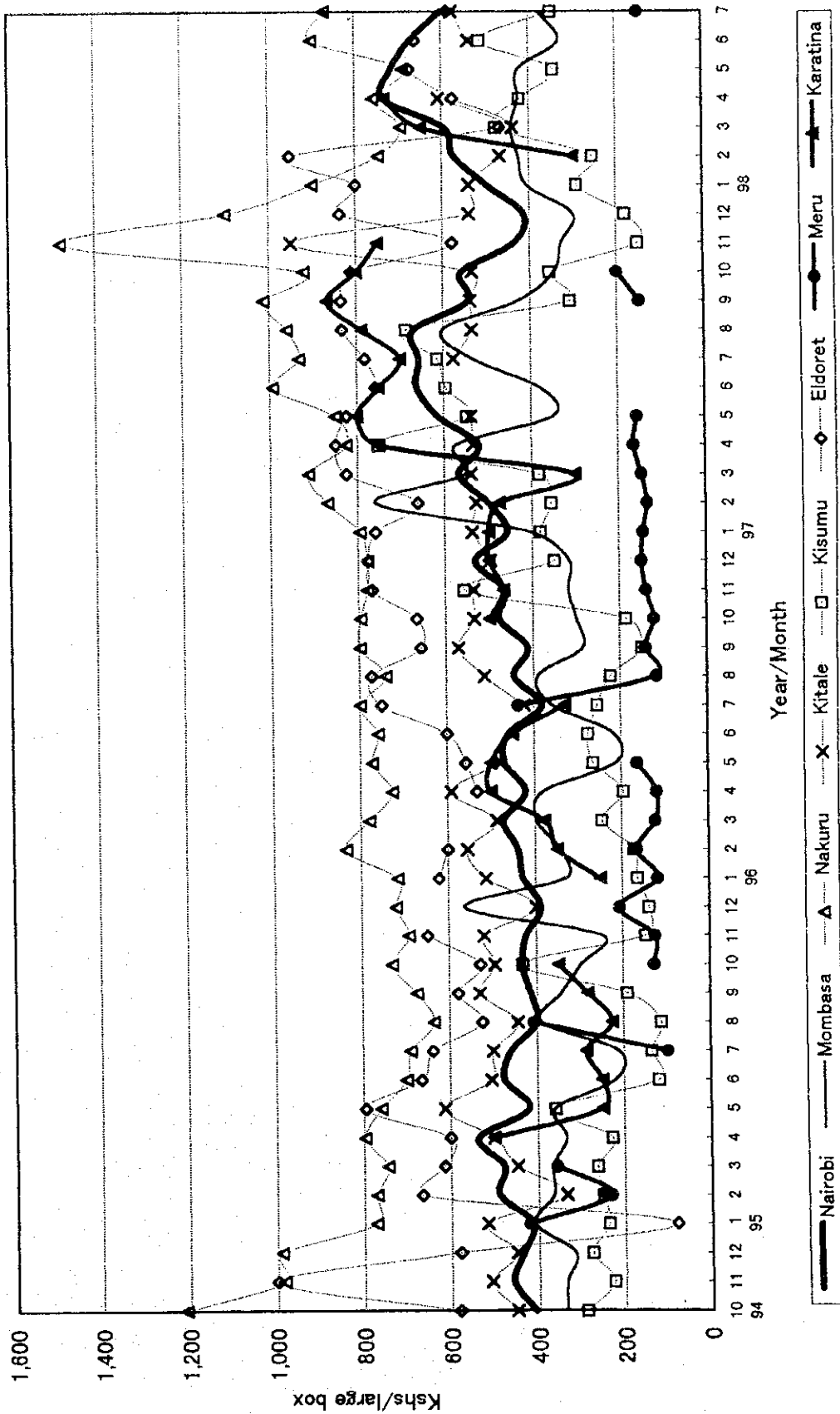


Figure N.1-43 Price Fluctuation by Crop(33)Pea,Fresh

Unit: 1 bag=51.3kg

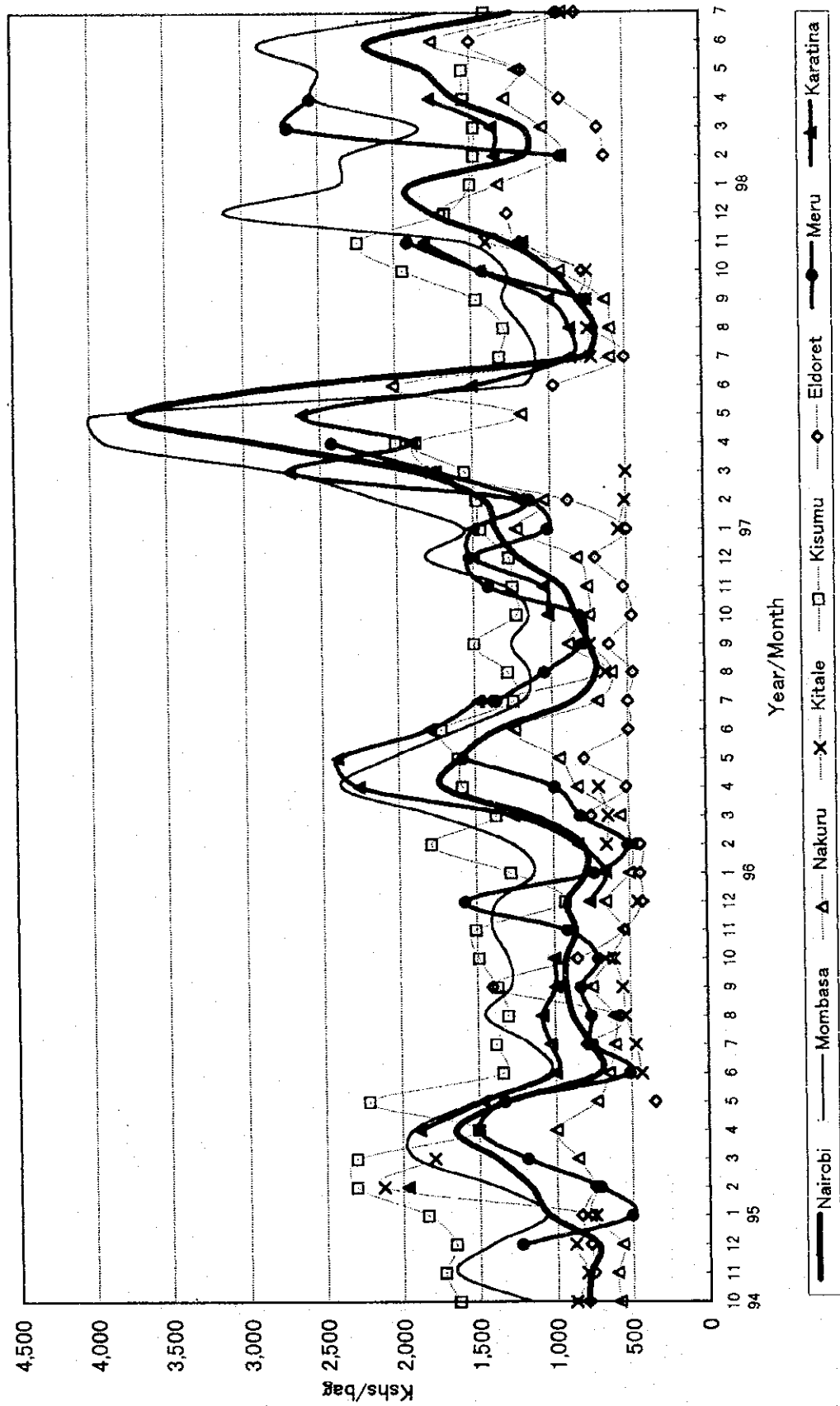


Figure N.1-44 Price Fluctuation by Crop(34)Pineapple

Unit: 1 dozen=11.8kg

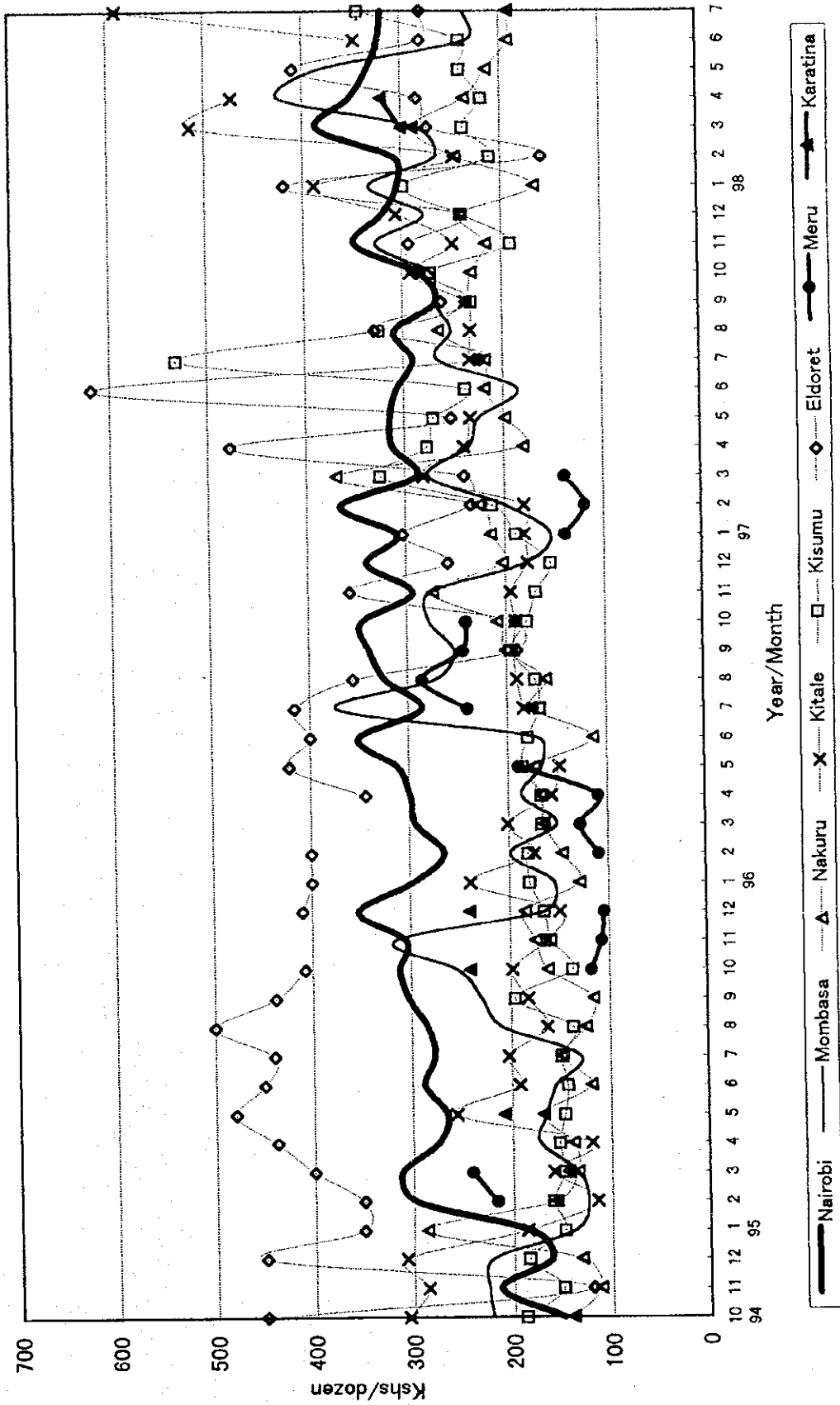


Figure N.1-45 Price Fluctuation by Crop(3S) Potato, Red Irish

Unit: 1 bag=130.0kg

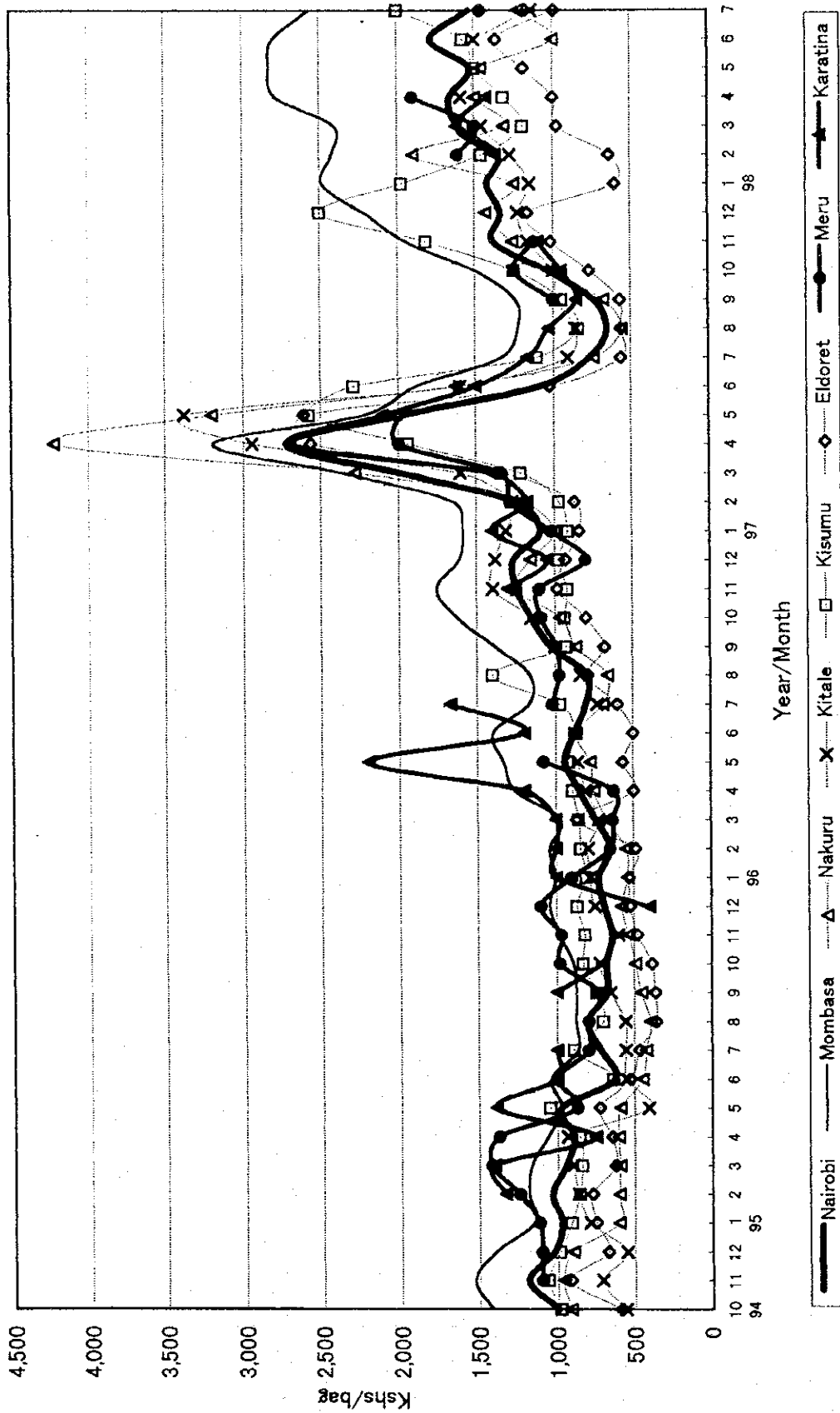


Figure N.1-46 Price Fluctuation by Crop(36) Potato, Irish White

Unit: 1 bag=130.0kg

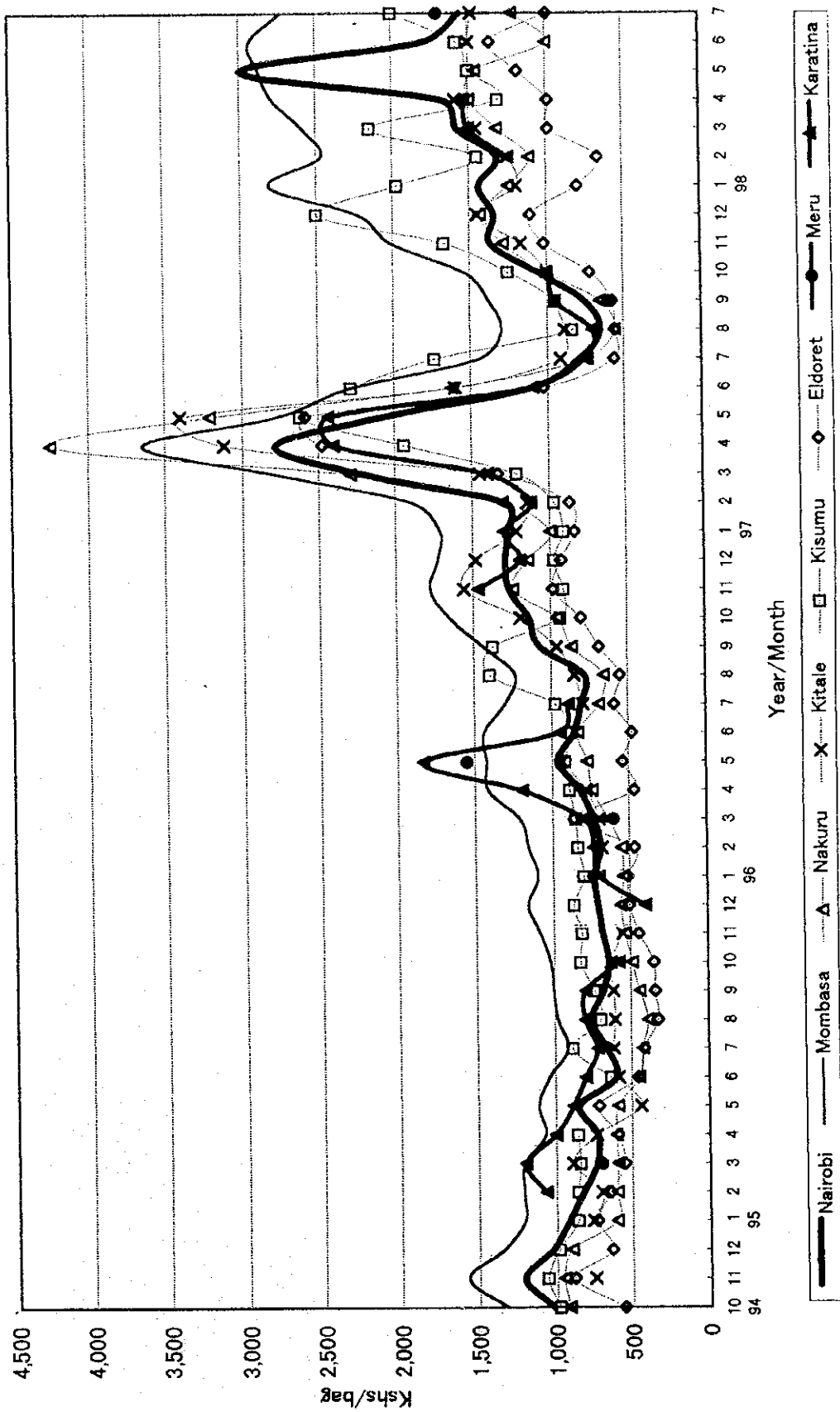


Figure N:1-47 Price Fluctuation by Crop(37) Potato, Sweet

Unit: 1 bag=98.0kg

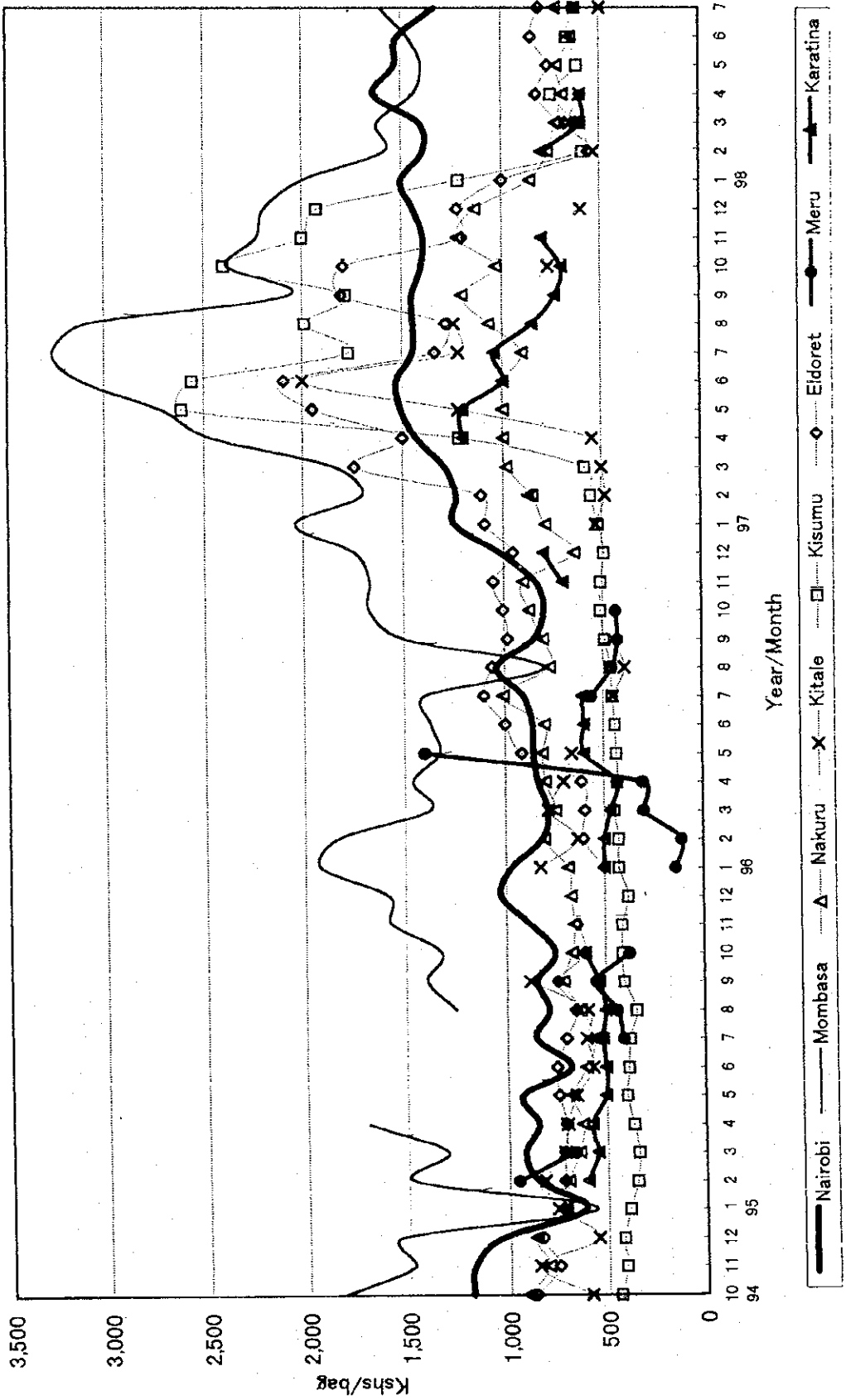


Figure N.1-48 Price Fluctuation by Crop(38)Sorghum

Unit: 1 bag=90.0kg

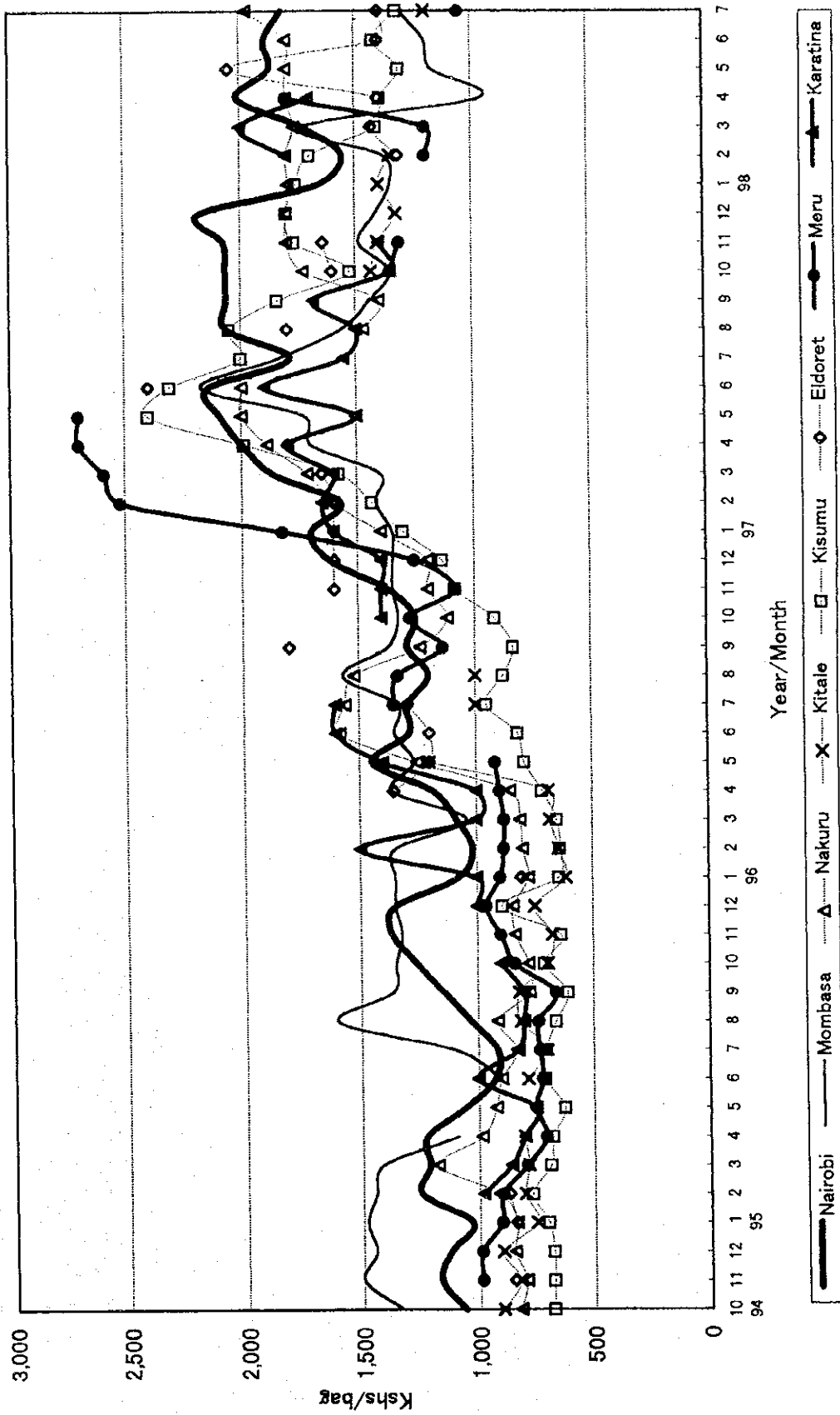


Figure N.1-49 Price Fluctuation by Crop(39)Tomato

Unit: 1 box=63.6kg

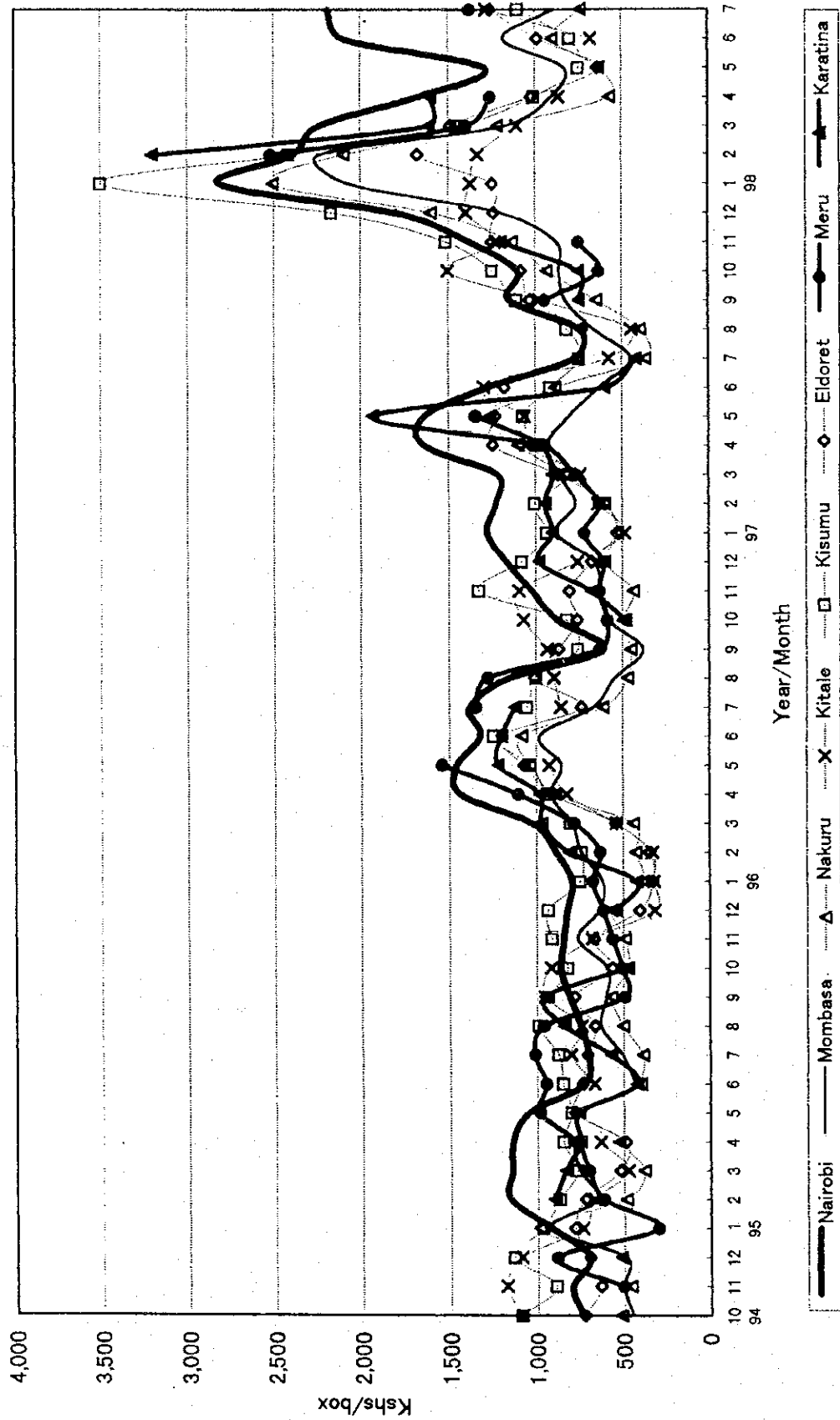
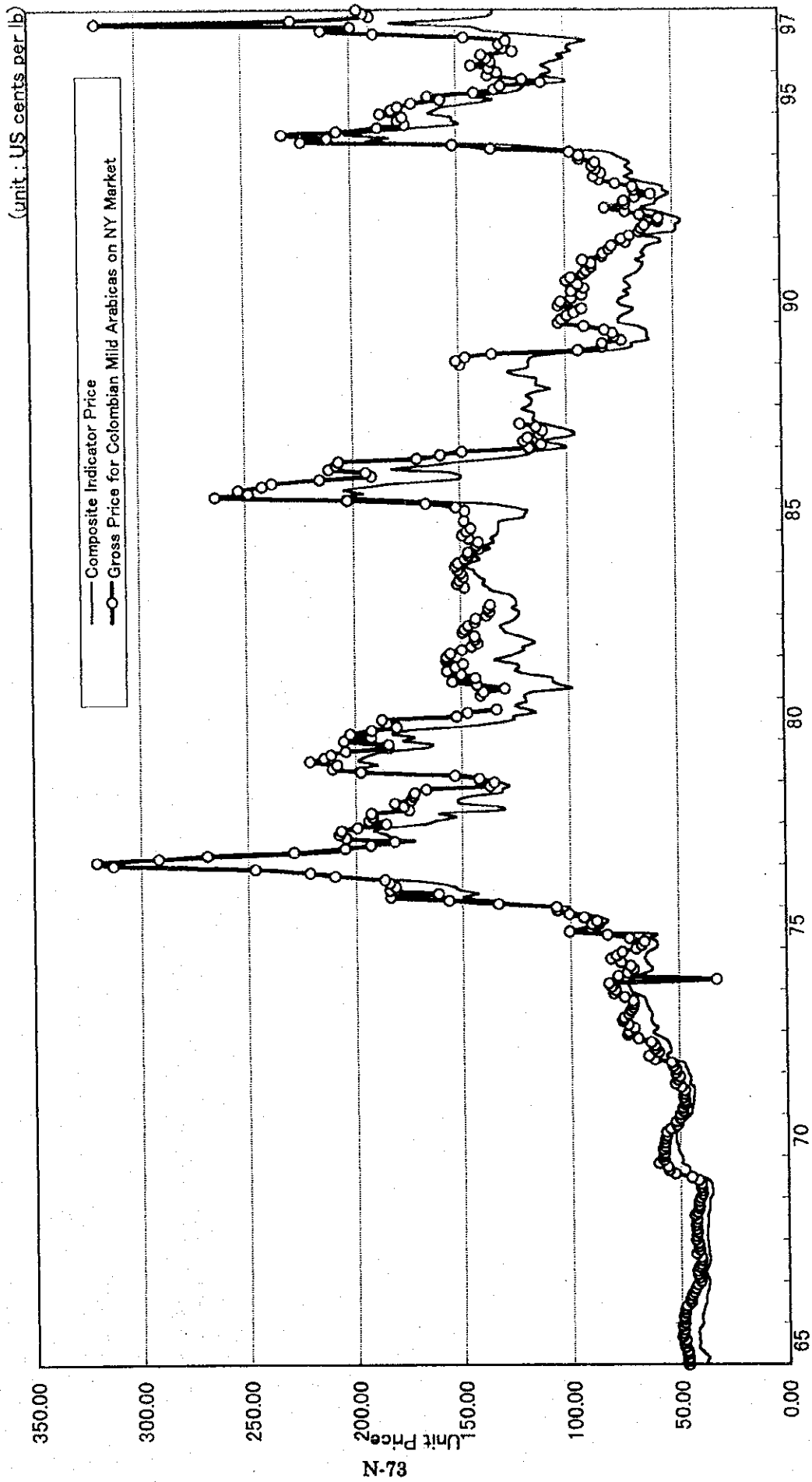
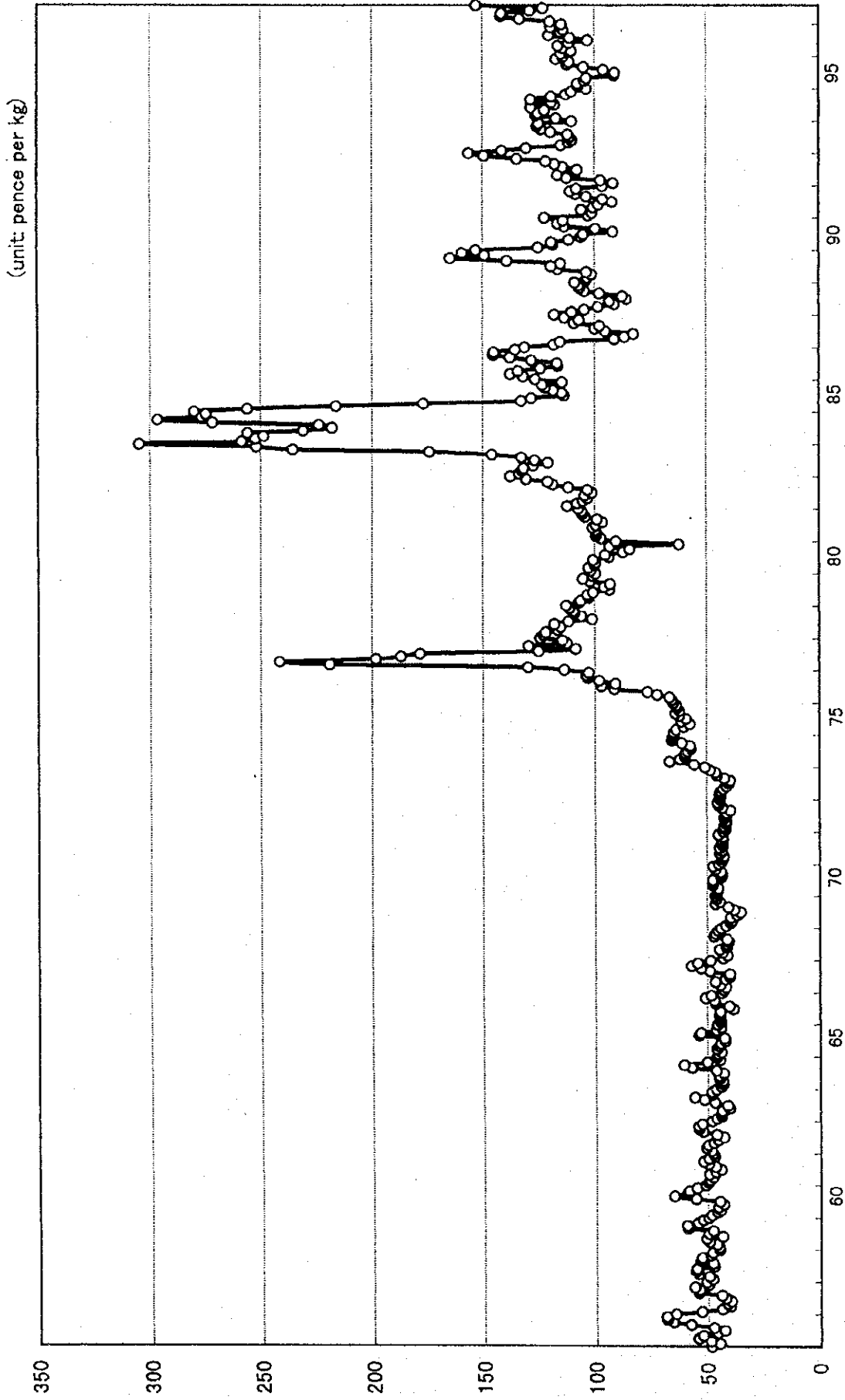


Figure N.2-1 Monthly International Prices of Coffee at NY Market



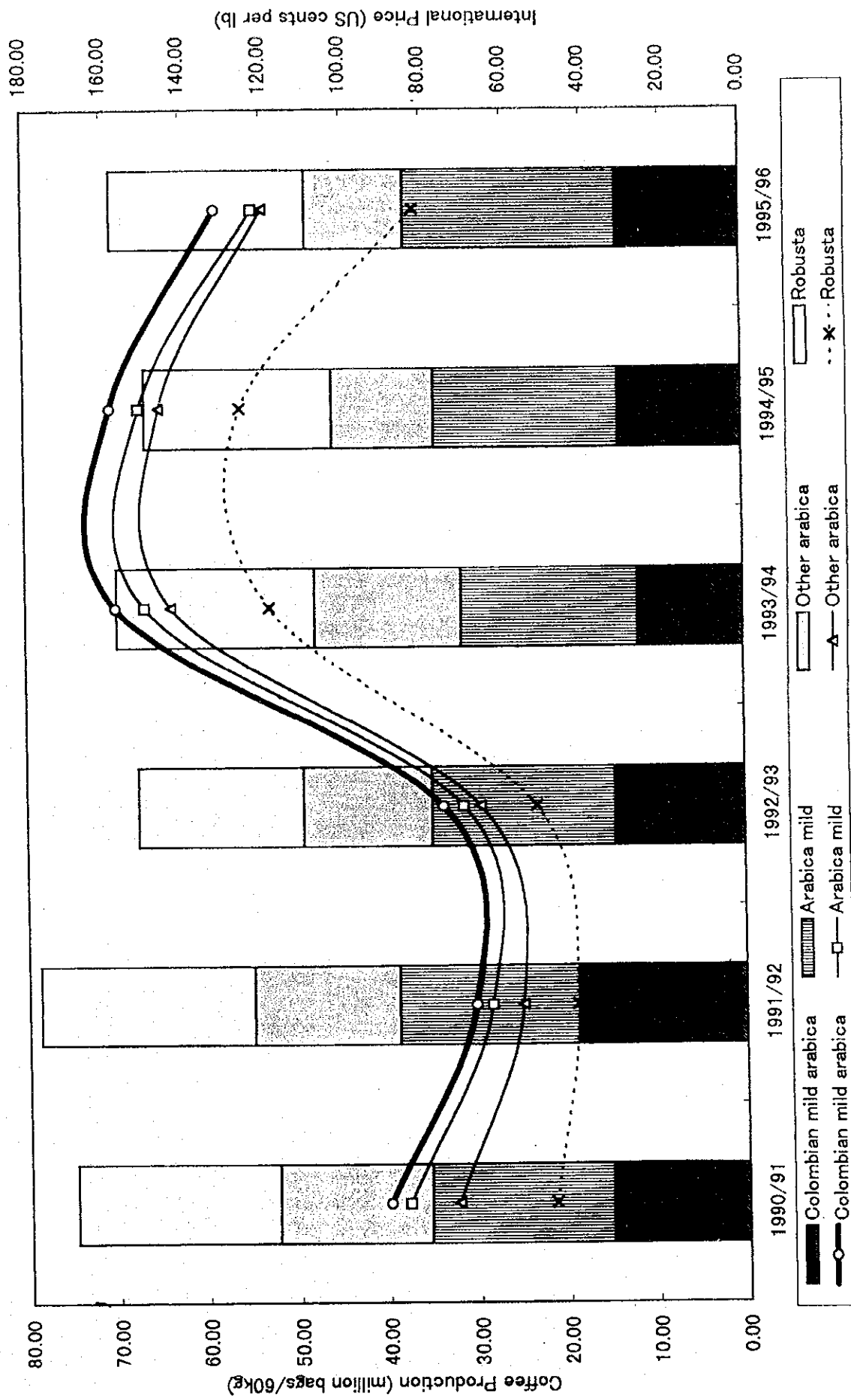
Source : Coffee Statistics March 1997, International Coffee Organization

Figure N.2-2 Monthly International Prices of Tea at London Market



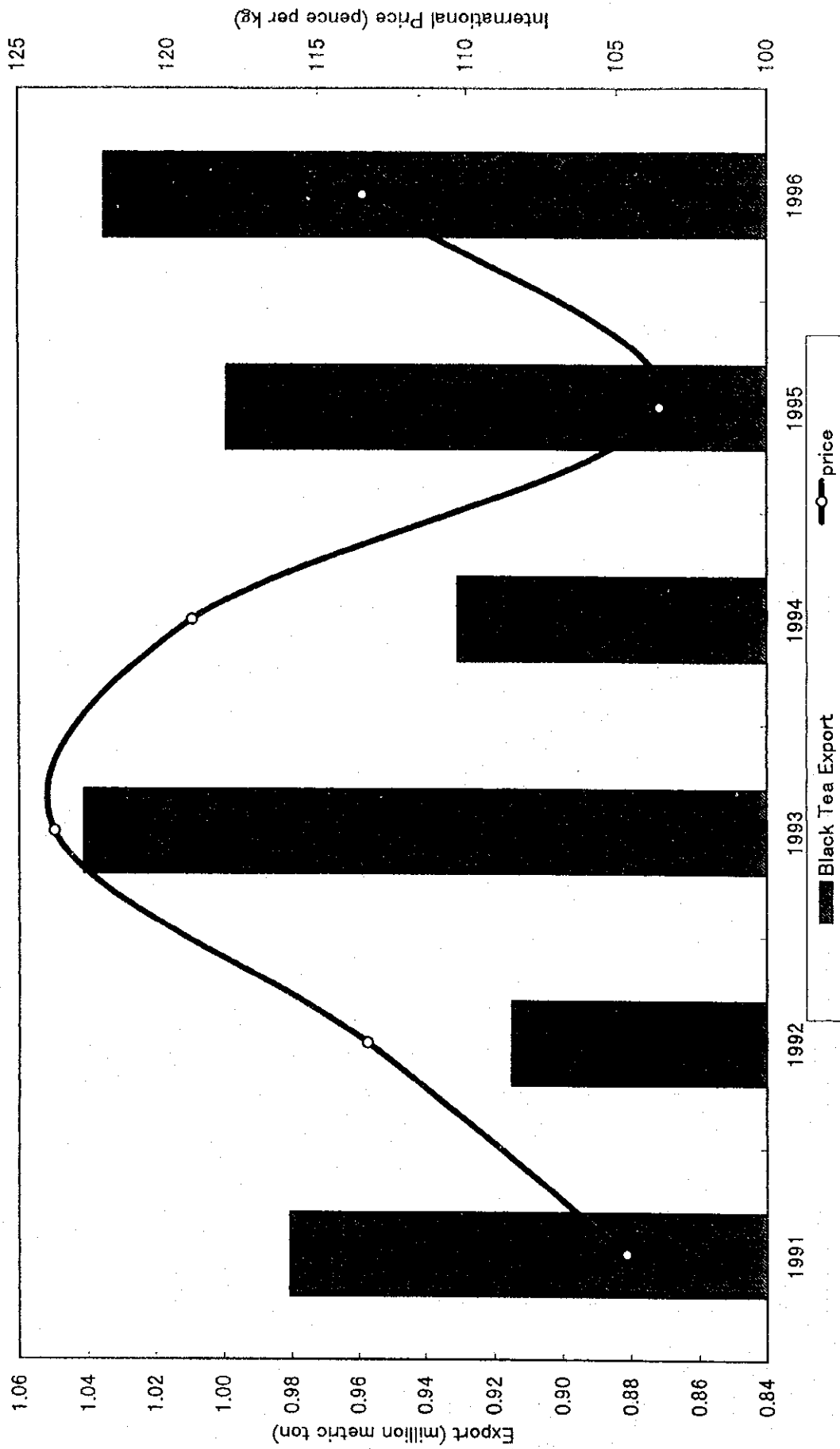
Source: Annual Bulletin of Statistics 1997, International Tea Committee

Figure N.2-3 Coffee Exportable Production and International Price



Source: Coffee Statistics March 1997, International Coffee Organization

Figure N.2-4 Black Tea Exportable Production and International Price



Source: Annual Bulletin of Statistics 1997, International Tea Committee

Table N.2-1 Coffee Exportable Production by Country

(unit: '000 bag-60kg)

Country	Production						Exportable Production					
	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
Arabica Coffee	67,125	70,324	64,543	63,279	61,191	65,023	52,324	54,836	49,260	47,847	45,633	48,484
Colombian mild	16,455	20,239	15,813	13,189	15,153	15,292	15,167	18,783	14,447	11,727	13,718	13,729
Colombia	14,231	18,222	13,823	11,320	12,989	12,878	12,996	16,822	12,523	9,920	11,614	11,378
Kenya	1,485	1,514	1,316	1,328	1,663	1,664	1,435	1,464	1,268	1,278	1,613	1,614
Tanzania	739	503	674	541	501	750	736	497	658	529	491	737
Other mild	25,445	25,342	25,831	25,078	25,644	28,678	20,142	19,836	20,411	19,770	20,533	23,651
Burundi	622	594	432	592	492	392	620	592	430	591	491	391
Congo Republic	202	127	132	147	298	158	162	87	90	121	272	130
Costa Rica	2,562	2,759	2,998	2,259	2,496	2,595	2,187	2,384	2,623	1,884	2,207	2,380
Cuba	405	300	285	284	285	286	192	93	91	88	91	95
Dominican Republic	823	351	636	616	745	850	503	31	316	293	410	506
Ecuador	1,160	600	1,218	1,645	1,143	1,088	923	359	973	1,400	898	861
El Salvador	2,465	2,198	3,002	2,378	2,293	2,615	2,285	2,018	2,772	2,148	2,063	2,345
Guatemala	3,262	3,483	4,310	3,523	3,784	4,002	2,965	3,186	4,013	3,216	3,477	3,695
Haiti	415	536	506	445	382	499	167	206	176	115	52	169
Honduras	1,568	2,321	1,919	1,829	2,181	1,909	1,380	2,064	1,679	1,599	1,928	1,748
India	1,423	1,407	1,337	1,543	1,306	1,606	972	877	942	1,083	846	1,146
Indonesia	693	553	536	575	617	667	568	424	374	364	411	487
Jamaica	23	39	25	35	44	43	16	28	19	25	29	28
Malawi	120	134	80	79	89	63	118	132	78	77	87	61
Mexico	4,674	4,727	3,401	4,285	4,162	5,527	3,300	3,527	2,101	3,215	3,212	4,522
Nicaragua	461	708	548	706	684	985	427	570	482	597	594	873
Cameroon	162	97	103	25	17	76	145	80	91	13	12	62
Madagascar	30	21	28	31	44	56	9	0	0	10	29	48
Panama	215	193	197	142	249	209	152	126	130	75	172	132
Papua New Guinea	803	845	959	1,067	993	1,012	800	842	956	1,066	992	1,011
Peru	1,088	1,548	1,159	958	1,561	1,970	898	1,328	934	758	1,361	1,770
Rwanda	590	574	469	139	242	286	589	573	468	138	241	285
Sri Lanka	11	11	0	3	3	3	0	0	0	0	0	0
Uganda	174	11	242	400	440	267	170	6	234	392	432	259
Venezuela	1,230	1,016	1,225	1,307	926	1,362	340	126	365	447	66	502
Zambia	29	29	27	22	27	33	27	28	26	20	26	32
Zimbabwe	235	160	57	43	141	119	227	152	49	35	134	113
Brazilian & Other Arabicas	25,225	24,743	22,899	25,012	20,394	21,053	17,015	16,217	14,402	16,350	11,382	11,104
Bolivia	108	122	64	117	148	135	81	92	32	82	110	95
Brazil	22,033	21,408	20,932	21,916	17,618	17,974	15,103	14,365	13,821	14,649	9,955	9,377
Ethiopia	2,909	3,061	1,794	2,865	2,537	2,860	1,709	1,661	494	1,565	1,287	1,610
Paraguay	123	81	63	63	46	35	108	66	45	43	26	15
Philippines	52	71	46	51	45	49	14	33	10	11	4	7
Robusta Coffee	27,528	29,094	24,191	28,451	27,390	28,036	22,494	23,793	18,247	21,907	20,903	21,599
Angola	61	80	59	61	60	67	36	48	31	38	43	52
Brazil	5,276	5,227	5,447	6,321	5,103	3,693	3,856	3,570	3,558	4,388	3,066	1,690
Burundi	1	39	18	5	0	3	0	39	18	5	0	2
Congo Republic	1,493	1,373	421	1,035	962	823	1,333	1,213	263	861	788	651
Ecuador	870	726	719	684	819	894	757	617	614	579	714	796
Ghana	38	76	36	108	80	53	21	59	19	91	52	25
Guatemala	9	13	8	13	3	3	6	10	5	10	0	0
Guinea	44	91	77	64	198	107	19	66	14	31	148	57
India	1,406	1,593	1,481	1,905	1,678	2,121	990	1,123	1,101	1,365	1,138	1,581
Indonesia	7,401	6,064	6,145	6,165	5,792	6,884	6,280	4,905	4,684	4,262	3,942	5,264
Liberia	3	3	3	5	5	5	0	0	0	0	0	0
Nigeria	30	45	49	45	52	52	2	9	13	5	12	12
Benin	0	0	2	0	0	0	0	0	2	0	0	0
Cameroon	1,520	1,629	157	651	384	442	1,454	1,563	86	563	289	356
Central Africa Rep.	175	125	134	165	250	108	147	97	106	140	235	98
Congo Republic	3	4	3	5	9	15	0	1	0	2	6	12
Cote d'Ivoire	2,940	4,129	2,246	2,293	3,007	2,532	2,890	4,079	2,196	2,243	2,957	2,482
Equatorial Guinea	4	3	2	0	3	0	4	3	2	0	3	0
Gabon	4	2	3	3	8	2	2	1	2	2	7	1
Madagascar	910	1,070	523	586	718	813	606	769	197	344	566	654
Togo	162	432	86	195	176	85	161	431	85	194	175	84
Papua New Guinea	5	10	25	39	50	51	5	10	25	38	49	50
Philippines	921	1,077	740	825	830	802	231	365	21	90	76	30
Sierra Leone	43	54	39	37	73	40	34	45	30	32	68	32
Sri Lanka	85	71	39	65	30	27	29	15	11	48	13	10
Tanzania	181	286	176	123	198	164	180	285	171	117	191	163
Thailand	757	1,469	1,255	1,275	1,399	1,317	569	1,249	1,022	1,025	1,116	900
Trinidad & Tobago	15	18	15	16	18	18	7	6	5	6	4	4
Uganda	1,781	2,077	1,943	2,742	1,953	2,977	1,715	2,007	1,876	2,675	1,881	2,905
Vietnam	1,390	1,308	2,340	3,020	3,532	3,938	1,160	1,208	2,090	2,753	3,365	3,688
Total	94,653	99,418	88,734	91,730	88,581	93,059	74,818	78,629	67,507	69,754	66,536	70,083

Source: Coffee Statistics March 1997, International Coffee Organization

Table N.2-2 Tea Exportable Production by Country

(unit: metric ton)

Country	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Africa												
Kenya	126,086	116,456	134,779	138,201	163,188	169,586	175,557	166,518	188,390	183,147	237,498	244,226
Malawi	37,357	40,189	33,404	36,989	39,891	41,024	37,054	35,363	35,270	38,672	32,648	36,661
Tanzania	13,042	14,370	11,441	10,034	12,015	14,908	17,494	17,835	19,387	18,570	20,511	18,443
Uganda	1,254	2,792	2,079	3,078	3,134	4,760	7,050	7,817	10,251	10,971	10,682	14,982
Zimbabwe	10,036	11,819	10,105	12,700	12,768	11,507	11,304	6,089	8,065	9,688	9,156	11,570
Burundi	4,146	3,449	4,265	3,659	3,696	3,802	4,804	5,651	5,760	6,009	7,079	4,408
Cameroon			11		3,919	3,945	2,646	2,479	5,780	3,176	4,173	3,908
Rwanda	6,492	7,096	7,096	8,574	10,830	10,225	11,013	13,034	7,000	5,000	3,000	3,500
Zaire	2,479	2,321	1,784	2,200	2,764	2,000	2,027	1,500	2,353	1,501	2,000	2,000
Mauritius	7,063	6,364	6,595	5,436	4,638	4,414	4,502	5,461	4,398	4,036	2,894	1,381
Mozambique	3,190	1,820	2,100	800	1,000	750	1,339	600	300	500	400	450
sub-total	211,145	206,295	213,659	221,671	257,843	266,921	274,790	262,347	286,954	281,270	330,041	341,529
Asia												
Sri Lanka*	197,580	207,567	200,774	219,710	203,763	215,251	210,823	177,801	209,942	224,235	235,036	233,573
China republic**	136,864	172,028	174,274	198,289	204,584	195,471	184,872	175,526	201,435	179,679	166,573	169,670
India*	214,021	203,149	201,891	200,956	211,622	209,085	201,720	173,358	173,726	149,317	163,740	153,684
Indonesia*	90,121	78,957	90,422	92,687	114,709	110,964	110,218	121,243	123,926	84,916	79,227	101,532
Bangladesh	30,306	27,675	21,606	26,187	23,426	26,970	25,381	27,160	31,914	23,640	25,428	26,146
Vietnam	12,000	11,075	11,479	14,849	15,016	13,681	10,002	12,967	16,200	16,000	14,000	15,000
Taiwan**	9,127	9,011	7,375	7,631	6,745	5,835	5,317	5,296	5,142	4,373	3,172	3,475
Turkey	859	798	177	234	24,943	27,654	2,314	5,048	39,611	5,200	2,301	2,000
Iran	1,000	1,500	1,300	1,500	1,600	1,500	1,500	1,000	1,500	1,600	1,600	1,700
Malaysia	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	800	800	750	800
Japan**	1,805	1,261	1,107	1,260	671	322	289	290	328	345	492	495
sub-total	694,683	714,021	711,405	764,303	808,079	807,733	753,436	700,689	804,524	690,105	692,319	708,075
South America												
Argentina	30,657	36,279	33,647	34,258	43,335	45,966	36,029	36,529	43,549	43,230	41,113	41,307
Brazil	8,807	9,537	8,073	9,686	9,000	7,500	7,347	8,211	8,335	8,377	7,500	6,000
Equador	339	500	400	400	400	300	1,444	1,458	1,512	1,470	1,074	1,300
Peru	100	100	100	100	200	200	196	248	388	205	72	300
sub-total	39,903	46,416	42,220	44,444	52,935	53,966	45,016	46,446	53,784	53,282	49,759	48,907
Papua New Guinea	7,025	5,213	5,491	5,834	5,439	5,375	3,743	5,648	6,441	6,400	6,300	6,300
Other countries	500	400	400	400	400	500	700	800	1,000	1,500	1,700	1,800
Grand Total	953,256	972,345	973,175	1,036,652	1,124,696	1,134,495	1,077,685	1,015,930	1,152,703	1,032,557	1,080,119	1,106,611

Note: * including green tea, ** including green and other tea

Source: Annual Bulletin of Statistics 1997, International Tea Committee

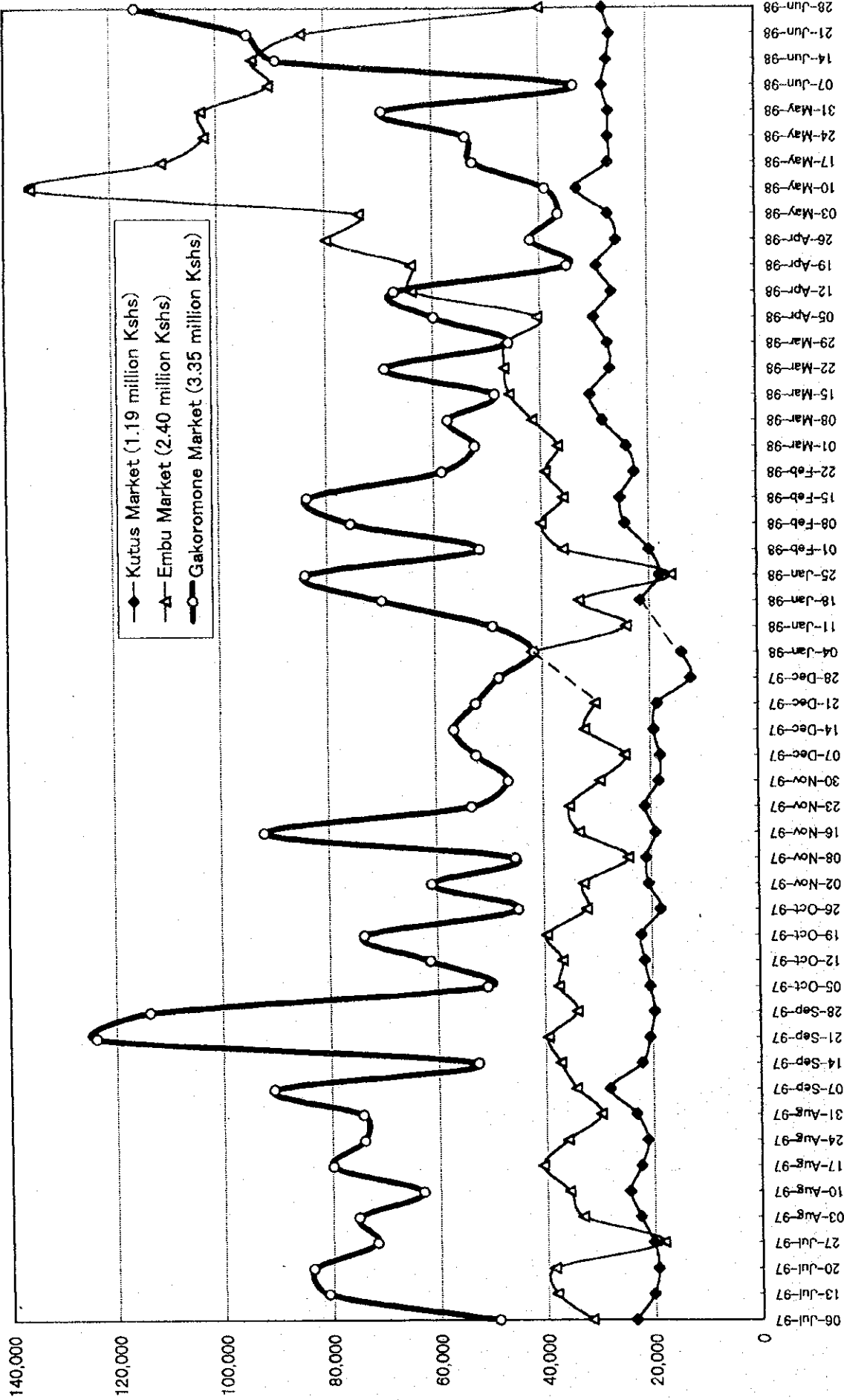
Table N.2-3 Fares and Charges of Public Services in Core Wholesale Markets

Items	Charging Unit	Price (Kshs)	Items	Charging Unit	Price (Kshs)	Items	Charging Unit	Price (Kshs)
Kerugoya Municipality, Kirinyaga District (for Kutus Market)			Embu Municipality, Embu District (for Embu Market)			Meru Municipality, Meru District (for Gakoromone Market)		
Market gate produce inspection fees			Market gate fees			Market fees, charges and rents		
1 Rice	1 bag	8.00	1 Headload	1 person	10.00	1 Cattle	1 head	20.00
2 Rice	1/2 bag or less	4.00	2 Bag commodity	1 bag	15.00	2 Sheep	1 head	10.00
3 Tobacco Seller	1 person	4.00	3 Gost/sheep	1 head	26.00	1 Barter market fees	1 bag	20.00
4 Cow	1 head	10.00	4 Cow	1 year	600.00	2 Produce per bale	1 bale	20.00
5 Goat/sheep	1 head	6.00	Coverd market stall license			3 Small loads less than 90kg	1 unit	10.00
6 Hen	1 chicken	4.00	Open market stall rent			4 Produce per debe	1 debe	5.00
7 Orange	1 bag	9.00	Coverd market			5 Assorted produce (grain)	1 bag	30.00
8 Orange	1/2 bag or less	4.00	1 Small stalls	1 month	300.00	6 Banana - large	1 bunch	10.00
9 French bean	1 carton	4.00	2 Large stalls	1 month	400.00	7 Banana - small	1 bunch	5.00
10 Carrot	1/2 bag or less	4.00	3 Butcheries	1 month	550.00	8 Tomato - large	1 create	20.00
11 Carrot	1 bag	8.00	4 Hotel (restaurant)	1 month	2,000.00	9 Tomato - small	1 create	10.00
12 Tins and Cans sellers (Cereal)	1 bag	4.00	5 Bus park hotel	1 permit	290.00	10 Fruits	1 bag	20.00
13 Banana	1 bunch	4.00	Open market stalls license			11 Fruits	1 crate	10.00
14 Tomato	1 box	4.00	New market stalls rent			12 Heavy commercial vehicle (>5ton)	1 lorry	100.00
15 Vegetable seedling	1 person	4.00	1 Big stalls	1 month	600.00	13 Pound fees at market	1 lorry	90.00
16 Gruel seller	1 person	4.00	2 Small stalls	1 month	250.00	14 Other vehicles (<5ton)	1 vehicle	60.00
17 Madasi/egg seller	1 person	4.00	3 Medium stalls	1 month	500.00	1 Shop/store	1 month	420.00
18 Herbalist	1 person	4.00	4 Bus park stalls	1 month	1,500.00	2 Hotel (restaurant)	1 month	600.00
19 Basket seller	1 person	4.00	5 Shops	1 month	4,500.00	3 Butchery	1 month	500.00
20 Potato/pea/onion	1 bag	7.00	6 Nyama choma	1 month	2,500.00	4 Clothing (open)	1 month	120.00
21 Potato/pea/onion	1/2 bag	4.00	7 Cafeteria	1 month	2,500.00	5 Clothing (enclosed)	1 month	360.00
22 Potato/pea/onion	1 debe or less	4.00				6 Small produce store	1 month	240.00
23 Sugarcane	1 pickup	20.00				7 Tobacco stall	1 month	180.00
24 Sugarcane	1 load	4.00				Produce cess		
25 Bean	1 bag	12.00				1 Miraa	1 kg	5.00
26 Bean	1/2 bag	7.00				2 Tabacco	1 kg	5.00
27 Bean	1 debe or less	4.00				3 Grain (maize, beans, ndengu, etc)	1 kg	10.00
28 Maize	1 bag	7.00				4 Vegetable, fruit	1 bag	5.00
29 Maize	1/2 bag	4.00				5 Banana - large	1 bunch	3.00
30 Maize	1 debe or less	4.00				6 Banana - small	1 bunch	1.00
31 Sukuma Wiki/cabbage/fruits	1 bag	7.00				7 Tomato	1 crate/ carton	3.00
32 Sukuma Wiki/cabbage/fruits	1/2 bag	4.00						
33 Cabbage	1 lorry (7ton)	300.00						
34 Cabbage	1 pickup (1ton)	180.00						
35 Cabbage	1 cantee (4ton)	200.00						
36 Auctioneer in markets	1 auctioneer	7.00						
37 Slaughterman (mus/lim) permit	1 permit	300.00						

Source: Fees and Charges, Kerugoya/Embu/Meru Municipality Councils, as of July, 1998

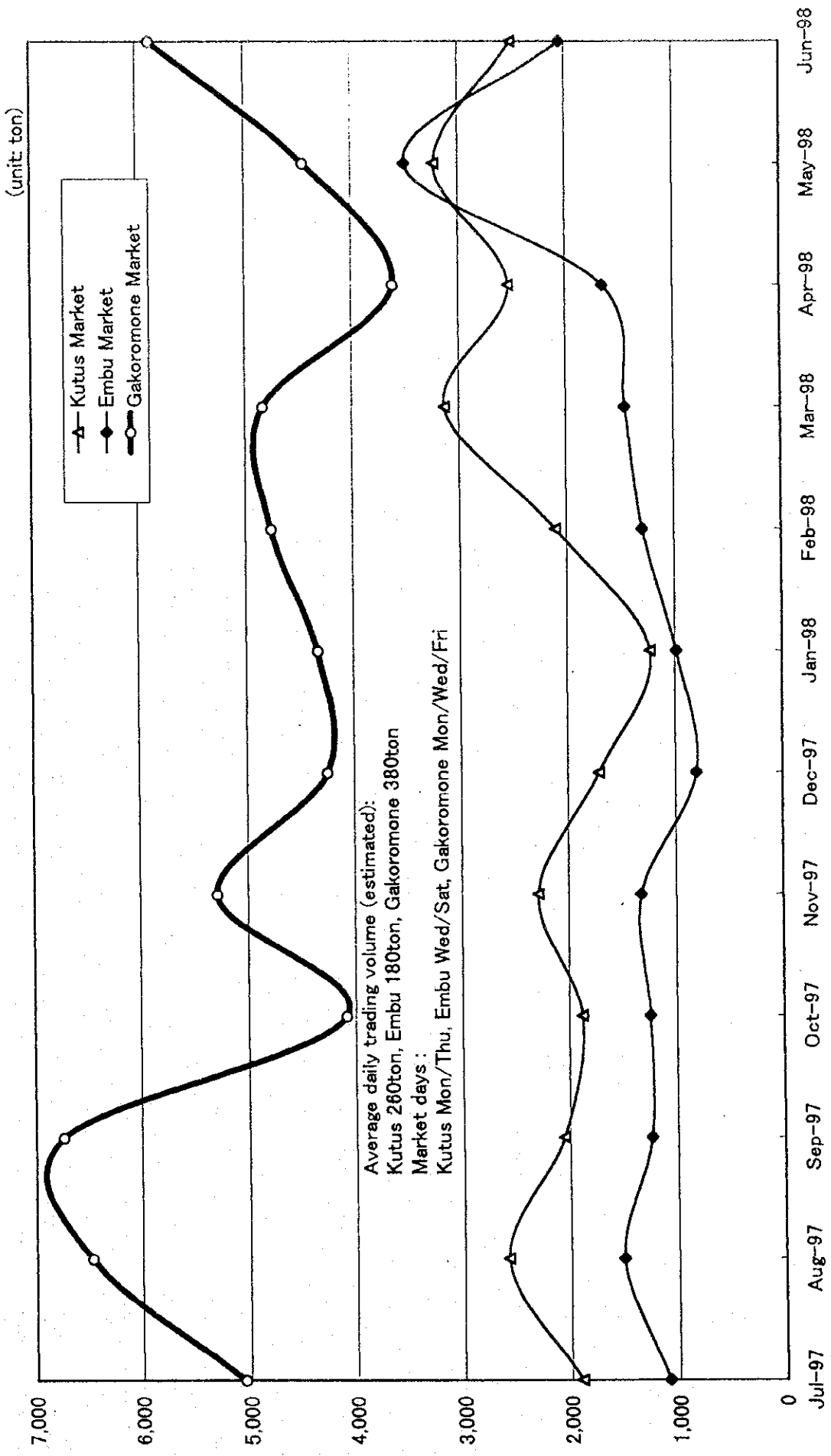
Figure N.2-5 Weekly Market Gate Fees Collection (1997/98 Fiscal Year)

(units: Kshs)



Source: Cess Collection Books, Kerugoya/Embu/Meru Municipality Councils

Figure N.2-6 Estimated Trading Volume in Core Wholesale Markets



Assumption:
 1. Uncollected Rate of Fees: Kutus 40%, Embu 30%(~Mar98) 10%(Apr98~), Gakoromone 60%
 2. Market Fees: Kutus 8Kshs/90kg bag-60% or 200Kshs/4t lorry-40%, Embu 15Kshs/90kg bag -100%, Gakoromone 20Kshs/90kg bag-60% or 100Kshs/5t lorry-40%

Table N.2-4 Commodities Prices in Gakoromone Wholesale Market (1996.1-1997-12)

(units: Kshs)

Crop	Trading Unit	Weight (kg)	1996												1997												1997	
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun*	Jul*	Aug*	Sep	Oct	Nov	Dec*	Ave.	per kg
Avocado	bag	89.1	255	260	255	276	444	310	357	282	552	287	350	300	400	383	442	425	373	450	350	450	400	327	403	4,522		
Banana, Cooking	bunch	13.8	78	79	81	82	106	80	82	84	89	89	88	95	139	193	152	180	170	150	200	150	153	86	167	12,111		
Banana, Ripe	bunch	22.0	292	278	299	303	313	400	431	450	442	400	417	383	458	460	400	270	250	250	200	250	250	372	370	16,826		
Bean, Canadian Wonder	bag	90.0	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800		
Bean, Dolichos	bag	90.0	2,533	2,700	2,700	2,700	3,000	3,500	3,682	4,050	4,081	4,008	4,050	4,500	4,629	4,667	5,420	7,650	7,425	3,600	3,825	3,600	3,600	3,459	5,102	56,689		
Bean, Mwitmania	bag	90.0	1,188	954	1,005	1,173	2,022	1,970	2,259	2,325	2,391	2,580	3,600	3,600	3,240	3,240	4,260	5,650	4,750	2,800	2,790	2,655	2,655	2,089	3,673	40,813		
Bean, Rose Coco	bag	90.0	1,410	1,296	1,450	1,530	1,787	1,970	2,266	2,370	2,389	2,625	3,600	3,600	3,137	3,300	4,770	5,400	4,950	3,600	3,375	3,210	3,210	2,191	3,968	44,086		
Cabbage	ext. bag	126.2	550	450	433	417	653	450	569	517	605	642	650	700	821	1,058	1,360	1,700	1,050	550	1,010	730	730	553	1,035	8,200		
Carrot	ext. bag	117.0	597	560	621	599	634	640	769	692	757	680	700	733	729	800	875	900	1,050	600	800	450	450	665	776	6,628		
Cowpea	bag	90.0	1,944	1,890	1,700	1,819	2,650	3,450	2,986	3,150	3,475	3,610	3,600	3,900	4,564	5,054	6,840	7,875	7,950	4,000	4,000	3,420	3,420	2,968	5,340	43,704		
Green Gram	bag	90.0	2,175	2,052	1,879	1,806	2,809	3,240	3,346	3,555	3,676	3,600	3,900	4,500	4,500	5,750	5,750	7,950	5,750	3,500	3,420	3,420	3,420	2,968	5,340	59,338		
Ground Nut, Shelled	bag	110.0	4,500	3,300	2,000	2,167	2,775	3,300	3,773	4,083	4,318	4,500	4,500	4,501	4,500	5,750	5,750	7,950	5,750	3,500	3,420	3,420	3,420	2,968	5,340	46,591		
Kale, Sukuma Wiki	bag	90.0	185	182	191	216	360	360	393	340	293	267	300	295	287	297	298	500	293	200	175	288	288	282	292	3,247		
Lemon	bag	93.0	711	750	593	545	834	900	900	900	904	978	1,170	1,230	1,363	1,340	1,386	1,525	1,530	1,400	1,350	1,350	1,350	868	1,406	15,617		
Maize, Dry	bag	114.6	710	440	404	385	767	620	466	483	733	728	797	700	940	833	1,050	1,200	1,125	1,050	1,050	1,245	1,245	675	1,063	9,278		
Maize, Green	bag	50.0	325	250	325	325	560	620	466	483	450	450	500	375	250	280	290	500	500	435	330	6,600	6,600	435	330	6,600		
Mango, Local	bag	90.0	900	860	900	900	1,350	1,350	1,800	1,800	1,800	1,800	2,250	3,600	3,729	3,366	4,050	4,050	4,050	3,600	2,645	3,600	3,600	1,354	2,625	29,167		
Millet, Bulrush	bag	90.0	1,890	2,574	2,250	1,965	2,480	3,020	3,395	3,450	3,375	3,708	3,050	3,600	3,729	3,366	4,050	4,050	4,050	3,600	2,645	3,600	3,600	2,896	3,636	40,403		
Millet, Finger	bag	13.2	185	235	260	271	487	370	290	286	355	195	163	195	256	260	260	260	276	273	213	213	213	274	257	19,459		
Onion, Dry Bulb	net	141.7	713	600	674	590	620	732	732	717	698	767	650	760	871	1,083	1,140	1,250	1,250	500	600	1,075	1,075	683	971	6,853		
Onion, Spring	bag	93.1	1,400	1,122	720	760	667	663	650	650	650	650	650	650	650	650	650	650	650	1,040	1,200	1,200	1,200	871	1,120	12,030		
Orange	bag	57.4	310	405	378	401	743	510	452	438	421	428	500	625	625	700	700	650	650	1,040	1,200	1,200	1,200	453	670	11,672		
Passion Fruit	bag	53.7	119	166	123	120	163	140	436	118	142	123	140	150	146	136	148	165	157	150	200	200	200	162	157	2,932		
Pawpaw	large box	51.3	735	510	822	989	1,581	1,540	1,356	1,046	799	817	1,403	1,530	1,020	1,132	1,739	2,425	750	1,425	1,913	1,913	1,094	1,486	28,972			
Pea, Fresh	bag	90.0	2,100	2,200	2,035	2,210	3,370	3,450	3,520	3,520	3,520	3,400	4,050	3,600	3,520	3,520	3,520	3,520	3,520	1,000	1,250	1,123	1,123	2,994	3,520	39,111		
Pigeon Pea	dozen	11.8	110	110	129	110	190	140	240	285	244	240	240	140	140	140	140	140	2,000	1,000	1,250	1,123	1,123	188	133	11,299		
Pineapple	bag	130.0	900	650	633	625	1,078	850	1,018	975	992	1,088	1,100	800	1,021	1,282	1,338	2,000	2,000	600	1,350	1,313	1,313	355	600	4,615		
Potato, Red Irish	bag	98.0	140	110	295	300	1,550	1,000	560	454	423	433	433	433	433	433	433	433	433	600	1,350	1,313	1,313	1,050	600	4,615		
Potato, Sweet	bag	130.0	900	882	880	900	918	1,350	1,333	1,333	1,137	1,280	1,080	1,260	1,826	2,520	2,588	2,700	2,700	600	1,350	1,313	1,313	1,106	2,142	23,805		
Potato, White Irish	bag	90.0	900	882	880	900	918	1,350	1,333	1,333	1,137	1,280	1,080	1,260	1,826	2,520	2,588	2,700	2,700	600	1,350	1,313	1,313	1,106	2,142	23,805		
Sorghum	bag	63.6	675	630	784	1,106	1,541	1,140	1,349	1,279	629	585	630	608	720	630	770	945	1,346	945	630	750	750	913	842	13,239		
Tomato	box	90.0	1,210	1,250	1,480	1,530	1,700	1,710	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	945	630	750	750	1,608	1,800	20,000		
Wheat	bag	90.0	1,210	1,250	1,480	1,530	1,700	1,710	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	945	630	750	750	1,608	1,800	20,000		

Note: * The prices on June to August and December in 1997 were not collected due to absence of the appointed marketing officer in the District.

Source: Marketing Information Branch, Farm Management Division, MOALD&M + Marketing Monthly Reports of Meru District Agricultural Office

Table N.2-6 Commodities Prices in Kutus Wholesale Market (1996.1-1997-12)

(units: Kshs)

Crop	Trading Unit	Weight (kg)	1996 range		1997 range		1996 Ave.	1997 Ave. per kg*
			lowest	highest	lowest	highest		
Arrow Root	bag	90			500	1,000	750	8,333
Avocado	kg	1			5	20	13	12,500
Banana, Cooking	bunch	35	50	250			150	4,286
Banana, Ripe	kg	1	10	15	10	10	13	10,000
Bean, Canadian Wonder	tin	2	40	80			60	30,000
Bean, Dolichos	tin	2	80	120	80	140	100	55,000
Bean, Mwitmania	tin	2	25	75			50	25,000
Bean, Rose Coco	tin	2	40	80	60	120	60	45,000
Bean, Soya	tin	2			80	100	90	45,000
Bean, Wairimu	tin	2			80	140	110	55,000
Cabbage	bag	60	140	1,050			595	9,917
Carrot	kg	1	10	20	10	20	15	15,000
Cowpea	tin	2	40	80	80	120	100	50,000
French Bean, Fine	carton	3	60	120	60	150	90	35,000
French Bean, X Fine	carton	3	30	120			75	25,000
Garden Pea	kg	1	20	50			35	35,000
Green Gram	tin	2	45	120	80	220	83	75,000
Kale, Sukuma Wiki	bag	60	150	700			425	7,083
Maize, Dry	tin	2	15	30	20	40	23	15,000
Millet, Bulrush	tin	2	45	70	40	90	58	32,500
Millet, Finger	tin	2	50	70	40	80	60	30,000
Mize, Green	cob	4			5	20	13	12,500
Onion, Dry Bulb	kg	1	10	30	10	45	20	27,500
Orange	kg	1	10	20	10	20	15	15,000
Passion Fruit, Purple	tin	2	5	10	10	20	8	7,500
Passion Fruit, Yellow	tin	2			5	10	8	3,750
Pawpaw	kg	1	5	12			9	8,500
Pigeon Pea	tin	2	50	80	80	120	65	50,000
Potato, Sweet	bag	90	300	800	500	1,000	550	8,333
Potato, White Irish	bag	90	400	1,500	600	1,200	950	10,000
Pumpkin	kg	1			40	40	40	40,000
Rice, Pishori (Basmati)	kg	1	19	24	50	65	58	57,500
Rice, Shindano	kg	1	12	18	22	32	15	27,000
Sorghum	tin	2	30	85	40	80	58	30,000
Spinach	bag	60			450	450	450	7,500
Tomato, Grade I	crate	60	300	1,500	600	1,600	900	18,333
Tomato, Grade II	crate	60	200	800			500	8,333
Tomato, Grade III	crate	60	150	600			375	6,250
Tree Tomato	kg	1			5	20	13	12,500

Note: The prices are referred to of Ngurubani market in Wanguru town and the monthly or daily market reports are not remained in the district agricultural office.

Source: Kirinyaga District Agricultural Office Annual Report 1996 and 1997 (not yet made collections)

Table N.2-7-1 Farming Contract on Export Produce Between Farmer's Groups and Exporters(1)

Name of Exporter	[A] Homeveg Exp Ltd.	[B] Mboga Tuu Ltd.	[C] Safari Horticulture Limited																																																																					
1 Name of Contractor	Odomongi Green Growers Group (Kadiado)	Osupuko Lemegwarra Self Help Group (Magadi)	Mwihoko Horticultural Growers Group (Sagana) Nuruine Water Project (Kirinyaga)																																																																					
2 Contract Date or Period	3 months from 13 Mar, 1997	from 1 Apr 1997 to 30 Sep 1997	4 months from 16 Apr 1998 4 months from 29 Apr 1998																																																																					
3 Crop and Unit Price	<table border="1"> <thead> <tr> <th>Crop</th> <th>Price (Kshs per carton)</th> </tr> </thead> <tbody> <tr><td>Okra</td><td>220.00</td></tr> <tr><td>Karella</td><td>180.00</td></tr> <tr><td>T. Chilli</td><td>160.00</td></tr> <tr><td>Bullet</td><td>120.00</td></tr> <tr><td>Long Chilli</td><td>120.00</td></tr> <tr><td>Ravaya</td><td>90.00</td></tr> <tr><td>Brinjar</td><td>90.00</td></tr> <tr><td>Tuwer</td><td>90.00</td></tr> </tbody> </table>	Crop	Price (Kshs per carton)	Okra	220.00	Karella	180.00	T. Chilli	160.00	Bullet	120.00	Long Chilli	120.00	Ravaya	90.00	Brinjar	90.00	Tuwer	90.00	<table border="1"> <thead> <tr> <th>Crop</th> <th>Price (Kshs)</th> <th>Transport fee per trip</th> </tr> </thead> <tbody> <tr><td>Aubergine (6kg)</td><td>80.00</td><td>0.80</td></tr> <tr><td>Chilli (5kg)</td><td>160.00</td><td>1.00</td></tr> <tr><td>Long Chilli (4kg)</td><td>150.00</td><td>0.10</td></tr> <tr><td>Short Chilli (6kg)</td><td>150.00</td><td>0.10</td></tr> <tr><td>Karella (6kg)</td><td>120.00</td><td>0.10</td></tr> <tr><td>Okra (6kg)</td><td>180.00</td><td>0.50</td></tr> <tr><td>Tuwer (5kg)</td><td>200.00</td><td>1.50</td></tr> <tr><td>Ravaya (6kg)</td><td>120.00</td><td>0.10</td></tr> <tr><td>Patra (4kg)</td><td>80.00</td><td>0.8</td></tr> <tr><td>Tindo (7kg)</td><td>As per order</td><td></td></tr> <tr><td>Ripe Mango</td><td>As per order</td><td></td></tr> <tr><td>Tomato</td><td>As per order</td><td></td></tr> <tr><td>Pawpaw</td><td>As per order</td><td></td></tr> <tr><td>Sweet Water Melon</td><td>As per order</td><td></td></tr> </tbody> </table> <p>*Kshs per each unit *Prices at farm or collecting points *Minimum guaranteed prices listed and negotiable every month</p>	Crop	Price (Kshs)	Transport fee per trip	Aubergine (6kg)	80.00	0.80	Chilli (5kg)	160.00	1.00	Long Chilli (4kg)	150.00	0.10	Short Chilli (6kg)	150.00	0.10	Karella (6kg)	120.00	0.10	Okra (6kg)	180.00	0.50	Tuwer (5kg)	200.00	1.50	Ravaya (6kg)	120.00	0.10	Patra (4kg)	80.00	0.8	Tindo (7kg)	As per order		Ripe Mango	As per order		Tomato	As per order		Pawpaw	As per order		Sweet Water Melon	As per order		<table border="1"> <thead> <tr> <th>Crop</th> <th>Price (Kshs/kg)</th> </tr> </thead> <tbody> <tr><td>French bean and Kenya beans</td><td>48.00</td></tr> <tr><td>Snowpea</td><td>60.00</td></tr> </tbody> </table>	Crop	Price (Kshs/kg)	French bean and Kenya beans	48.00	Snowpea	60.00
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Table N.2-7-2 Farming Contract on Export Produce Between Farmer's Groups and Exporters(2)

Name of Exporter	[A] Homeveg Exp Ltd.	[B] Mboga Tuu Ltd.	[C] Safari Horticulture Limited
4 Conditions	<p><Obligations/Rights of the Exporter></p> <ul style="list-style-type: none"> *Supply of loan for fertilizer and insecticide on end of April 1997 	<p><Obligations/Rights of the Group></p> <ul style="list-style-type: none"> *Required export quality *Planted according to the programme *Picked and packed by 1pm *Debited for packing material, ie. empty carton *Production of crops in combination (Asian veg) *Paid bonus to farmers for over weight produce *Recongnition of importance of the ratio of production 	<p><Obligations/Rights of the Group></p> <ul style="list-style-type: none"> *Cultivated properly as mutually agreed *Provision of water and labour for growing, picking and packing *Separate storage for seeds, chemicals and fertilizers *All ingredients to produce vegetables *One grading inspector and one field supervisor employed by the group *Putting up a covered grading facility with packing tables after 4 months *Responsibility to bring produce at an alternative site when unapproachable to the collection centre due to rain *400 cartons per picking day, 1200 per week *Reject beans on farmers' account due to overgrown, immature and deacease <p><Obligations/Rights of the Exporter></p> <ul style="list-style-type: none"> *Provision of all seeds at cost-price paid by farmers, 50% on delivery and 50% deducted after first production *Provision of all packing materials e.g. cartons/crates on deposit bases *Grading inspector at the site at times of loading and grading *Provision of one weighing scale for the period of 4 months *Training of grader employed by the group *Transport costs 3 or 4 times per week <p><Mutual Agreement, or Others></p> <ul style="list-style-type: none"> *Supervised by HCDA for the coordination
4 Terms of Payment	<p>First payment in cash Second payment after 2 month by cheque</p>	<p>Once at the end of the month (1st Wed)</p>	<p>Twice a week; for deliveries on Fri to Sun paid on Wed and deliveries on Mon to Thu paid on Sat</p>

Table N.2-7-3 Farming Contract on Export Produce Between Farmer's Groups and Exporters(3)

Name of Exporter	[A] Homeveg Exp Ltd	[B] Mboga Tui Ltd.	[C] Safari Horticulture Limited																																												
5 Signer	Chairman / Vice Chairman Secretary/Vice Secretary Treasurer/Vice Treasurer Members (42)	Chairman Secretary Treasurer	Chairman																																												
6 Witness	Smallholders Chaimen Other Exporters (Makindu, Mboga Tui, Super Veg) HCDA Representative	HCDA District Agricultural Officer Divisional Officer District Agricultural Extension Officer	HCDA																																												
Name of Exporter	[D] Peakside Horticultural Enterprises	[E] Makindu Growers & Packers Ltd	[F] Kyamer Enterprise Ltd																																												
1 Name of Contractor	Kinichwa Horticultural Marketing Group (Naromoru)	Njuchara Farming Group (Taveta)	Kakuzi Limited (Thika)																																												
2 Contract Date or Period	1 year from 21 Apr 1998 and extendable by mutual agreement	from 1 Jul 1998 to 30 Sep 1998	30 Aug 1996																																												
3 Crop and Unit Price	<table border="1"> <thead> <tr> <th>Crop</th> <th>Price (Kshs)</th> </tr> </thead> <tbody> <tr> <td>French bean</td> <td>70.00</td> </tr> </tbody> </table> <p>*Price per 3kg carton *Reviewed annually or by mutual agreement</p>	Crop	Price (Kshs)	French bean	70.00	<table border="1"> <thead> <tr> <th>Crop</th> <th>Qty (cartons)</th> <th>Price (Kshs)</th> </tr> </thead> <tbody> <tr> <td>Karella (6kg)</td> <td>80</td> <td>180.00</td> </tr> <tr> <td>Chilli (5kg)</td> <td>100-120</td> <td>150.00</td> </tr> <tr> <td>Okra (6kg)</td> <td>50</td> <td>160.00</td> </tr> <tr> <td>Short Chilli (6kg)</td> <td>5</td> <td>150.00</td> </tr> <tr> <td>Long Chilli (4kg)</td> <td>5</td> <td>150.00</td> </tr> <tr> <td>Ravaya (6kg)</td> <td>15-20</td> <td>70.00</td> </tr> <tr> <td>Dudhi/Tunia</td> <td>N.A.</td> <td></td> </tr> <tr> <td>Patra (4kg)</td> <td>30-40</td> <td>60.00</td> </tr> <tr> <td>Aubergine (6kg)</td> <td>30-40</td> <td>70.00</td> </tr> </tbody> </table> <p>*Minimum guaranteed prices listed and negotiable after expire of the contract</p>	Crop	Qty (cartons)	Price (Kshs)	Karella (6kg)	80	180.00	Chilli (5kg)	100-120	150.00	Okra (6kg)	50	160.00	Short Chilli (6kg)	5	150.00	Long Chilli (4kg)	5	150.00	Ravaya (6kg)	15-20	70.00	Dudhi/Tunia	N.A.		Patra (4kg)	30-40	60.00	Aubergine (6kg)	30-40	70.00	<table border="1"> <thead> <tr> <th>Crop</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>Purple Passion Fruit</td> <td>Free from blemish 48pcs/1200cm2</td> </tr> <tr> <td>Grade 1A</td> <td>Free from blemish 56pcs/1200cm2</td> </tr> <tr> <td>Grade 1B</td> <td>Free from blemish 56pcs/1200cm2</td> </tr> <tr> <td>Grade 2</td> <td>Minor blemish</td> </tr> </tbody> </table> <p>*Price will be notified from time to time *Paid at agreed price in UK Sterling Pounds per kilogramme and converted into Kshs at the mean rate of Kenya Commercial Bank (KCB)</p>	Crop	Price	Purple Passion Fruit	Free from blemish 48pcs/1200cm2	Grade 1A	Free from blemish 56pcs/1200cm2	Grade 1B	Free from blemish 56pcs/1200cm2	Grade 2	Minor blemish
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Table N.2-7-4 Farming Contract on Export Produce Between Farmer's Groups and Exporters(4)

<p>Name of Exporter</p>	<p>[D] Peakside Horticultural Enterprises</p>	<p>[E] Makindu Growers & Packers Ltd</p>	<p>[E] Kyamer Enterprise Ltd</p>
<p>4 Conditions</p> <p><Obligations/Rights of the Group></p> <ul style="list-style-type: none"> *Born the costs of seeds and other overhead costs *Accepted fresh extra fine beans of either Monale Varandum varieties *Accepted beans; free from rust, insect bites or any other defects with a pod of dia. 6.5mm or less *Provision of the best possible crop husbandry (land preparation, irrigation, weeding, spraying, daily harvesting, etc) *Permitted to visit the farm to monitor the crop condition with recommendation to farmer *Sorting the produce according to the specifications *Keeping the produce ready for collection at the agreed place and time *Harvesting daily exception of Sundays *Agreed entire produce to the contract exporter *Responsibility on losses due to farmers' negligence i.e. not irrigating, spraying, harvesting in time, handling without proper care <p><Obligations/Rights of the Exporter></p> <ul style="list-style-type: none"> *Provision of necessary technical advice *Collection of the entire quality of specified quality of fresh french beans *Responsibility on losses due to failure to collect beans from the growers *Provision of high quality certified seeds at the cast of the growers *Responsibility on no yields as the result of poor seeds provided *Cancelled the contract by the exporter in any case of unfair dealing/cheating 	<p><Obligations/Rights of the Group></p> <ul style="list-style-type: none"> *Maintained empty cartons and debited the losses on farmers' accounts *Importance of rate of crop produced *Sold at local market at groups' own risk for any excess produce *Ensuring and signing the breakdown sheet for arrival time, departure time and carton receipt time -Arrival time to Nairobi between 5:30pm & 6:00pm -Departure time at 11:00am to facilitate the anticipated time for arrival of exporter's truck *Possible to determine and adjust acreage as per production depending on the fertility of soil and husbandry <p><Obligations/Rights of the Exporter></p> <ul style="list-style-type: none"> *Collection of produce from farm or nearest collecting point *Sending Kshs 100,000/- to help farmers in the group to sustain cash liquidity while awaiting payments due to delays during Inter Bank Transfer period *Provision of scales on loan base after arrangements *Provision of a buffer stock of 500 cartons and deducted on farmers' accounts 	<p><Obligations/Rights of the Seller></p> <ul style="list-style-type: none"> *Weighing the produce in the seller's premises in the presence of the buyer *No needed to consider any further rejection after signing by the buyer *Packed in boxes supplied by the buyer and collected before 5:00pm each day *If not collected before 5:00pm, weighed by 5:00pm, noted and invoiced that uncollected produce *Raising an invoice to the buyer daily and statements twice a month *Possible to stop deliver, if not received payment by the due date of statement *Accruing of interest occurred by delay payment at KCB base lending rate ruling on the due date <p><Obligations/Rights of the Buyer></p> <ul style="list-style-type: none"> *Collection of the produce from farm *Having the right to inspect the quality at the collection time and reject *When rejected, the inspector shall meet the senior representative before 12:00pm *Allowed to monitor the quality being packed at any time *Allowed to check the accuracy of the weighing devices at any reasonable time during working hours *Required to settle statements within 7 days *Provision of bank guarantee at the sum of Kshs 100,000/- 	

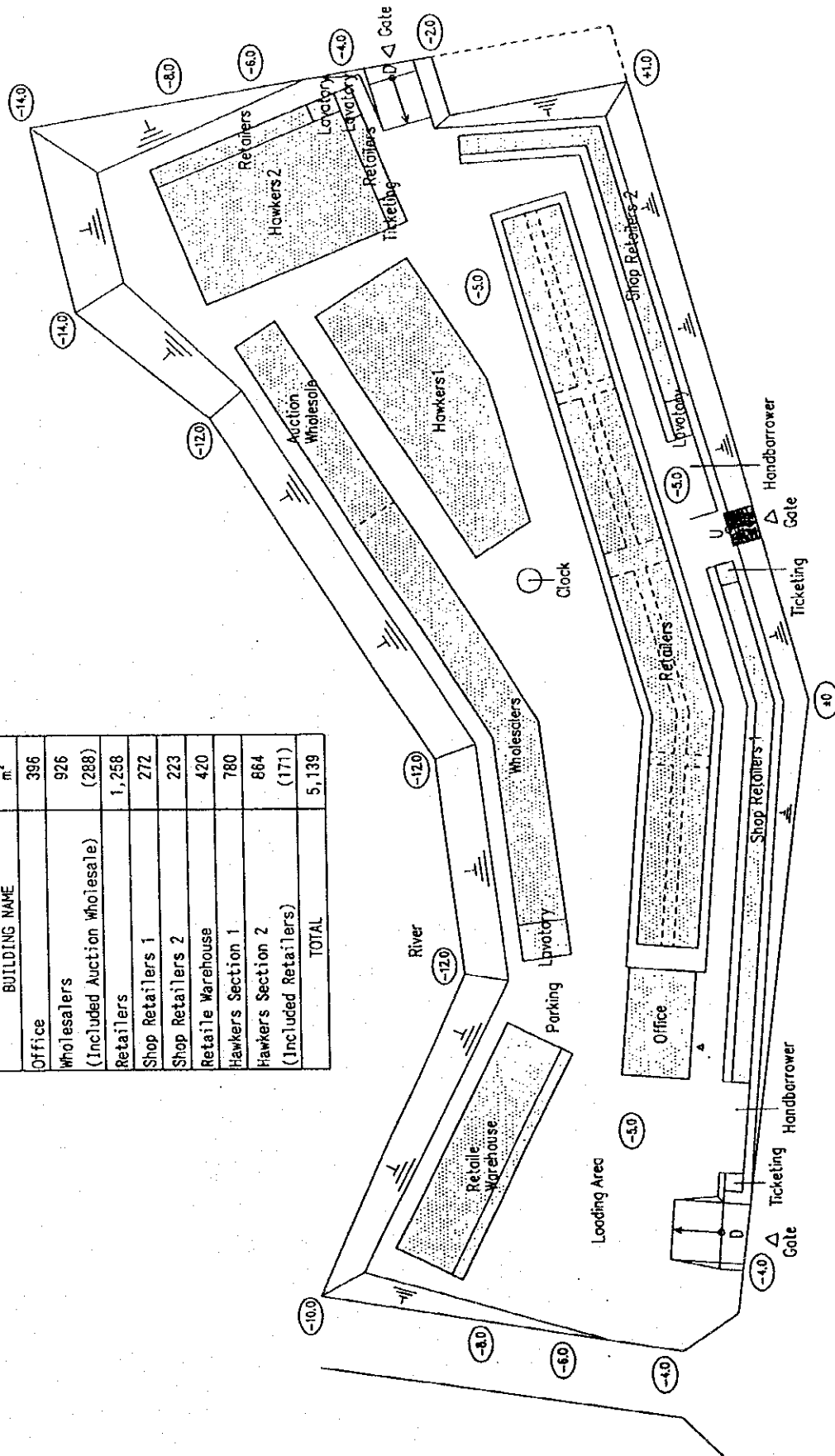
Table N.2-7-5 Farming Contract on Export Produce Between Farmer's Groups and Exporters(5)

Name of Exporter (continued)	[D] Peakside Horticultural Enterprises <Mutual Agreement, or Others> *Solved any misunderstanding between two parties through Ministry of Agriculture and the District Commissioner's office	[E] Makindu Growers & Packers Ltd <Mutual Agreement, or Others> *Nullified the contract without further notice when less than 200 cartons in three consecutive picking days in a week *One month advance written notice to terminate the agreement *Automatically null and void the contract if the Government ban export of horticultural produce	[F] Kyamer Enterprise Ltd <Mutual Agreement, or Others> *Determining the value of the consignment by the weights on the delivery note *After signed, transferring the property rights *Cancelled the bank guarantee on the written instructions of the seller *Having the right to terminate for two parties in two weeks advance notice in writing and delivered by hand or registered mail
5 Terms of Payment	Fortnight (after 2 weeks) basis through telegraphic transfer	Twice a month, advance on 15th and settlement of account at the month end	Twice a month and within 7 days after settlement of statement by crossed cheque to the designated account of KCB
6 Signer	Chairman	Chairman, Secretary, Treasurer	Representatives of the seller
7 Witness	Divisional Agricultural Officer with ID number HCDA	HCDA District Agricultural Officer District Marketing Officer Divisional Agricultural Extension Officer	Bank officer of Standard Chartered Bank Ltd
Name of Exporter	[G] Merchants Express (K) Ltd	[H] Kenya Horticultural Exporters Ltd	[I] Life Exporters Ltd
1 Name of Contractor	Contracted with individual farmers in Kirinyaga	Kilome and Neighbouring Divisions Production Schemes (Embu)	Baricho Youth Self-help Horticultural Growers (Baricho)
2 Contract Date or Period	27 Dec 1996 and 6 Jan 1997	1 year from 18 Mar 1997	from 12 Aug 1996 to May 1997
3 Crop and Unit Price	Crop French bean Snowpea	Crop French bean (3kg) *Quantity per harvesting day *Prevailing price on the week of delivery or collection *An agreed price for 7 days before adjusting the prices to the upward or down ward trend when instable fluctuations of the market prices	Qty 1,400 cartons

Table N.2-7-6 Farming Contract on Export Produce Between Farmer's Groups and Exporters(6)

Name of Exporter	[G] Merchants Express (K) Ltd	[H] Kenya Horticultural Exporters Ltd	[I] Life Exporters Ltd
4 Conditions	<p><Obligations/Rights of the Farmer> *Use of HCDA's recommending pesticides and herbicides <Obligations/Rights of the Exporter> *Supply of farm inputs at the costs born by farmers <Mutual Agreement, or Others> *Description of the acreage *Description of the address of farm *Random testing of the produce for detection of two maximum residue limits by the cooperation of two parties *Identifying a collecting site; the most convenient for collection *Prohibition of handing to any middlemen by both parties *Contract amendment if agreed by both parties *Subject to penalties and compensations caused by break of the contract *Refer the matter to the MOA and HCDA for arbitration by the aggrieved party</p>	<p><Obligations/Rights of the Group> *Refund at 0.7 million Kshs for unpaid input costs *Not selling the produce to other middlemen <Mutual Agreement, or Others> *Coordination by HCDA <Obligations/Rights of the Buyer> *Provision of a list of banned and approved chemicals *Supply of the best quality seeds against cash payment *Provision of sufficient training in proper production, handling, grading and packaging of the produce *Avail of the relevant training on an agreed frequency in conjunction with HCDA and MOA *Necessary consultation and work with MOA, HCDA and KARI to develop the produce *Supply of packaging material before collection or delivery of production commences *Possible only to collect or sign for clean inspected and graded produce after assuming responsibility for the produce *To collect at a time agreed upon, after harvesting and grading *Given allowance of 24hours within and collected after that time, if not collected, the seller can dispose and hold the buyer responsible for the loss and any other expenses *If not collected, the seller can dispose and hold the buyer responsible for losses and any other expenses *Having the right not to accept ungraded or poor quality or produce of unexportable quality, and rejected at the collection centre *No responsibility for rejected produce *Notified by the buyer the final payment or sales dues paid to the seller so as to account for the payment if agreed to supply a third party Group members (27) HCDA</p>	<p><Obligations/Rights of the Seller> *Supply of the highest quality of the bean *Provision of farm inputs; fertilizers, herbicides, pesticides *Minimum supply 340 cartons per harvesting day *Use of the approved seeds and other inputs stipulated by MOA and HCDA *Conformity to the manufacturer's instructions (label) *Prohibition to develop any other seeds except recommended by the Buyer and HCDA *Keeping of complete records for the production and handling of the produce for produce' safety, quality, traceability and accountability *Inspection and grading before passing to the buyer at the seller's own expense *Ensuring any person handling the produce, while in his custody produce is clean and of sound health *Ensuring any person visiting a toilet or going for the call of nature to wash his hands before handling produce *Use of clean containers while picking and storing produce after harvesting *Responsibility for rejected produce and its disposal *Identifying and state the plots in the event of multiple contracts for the seller *Defaulting the contract, if supply the produce from the contracted plot to any other party</p>
5 Signer	Individual Farmer		Representative of the Group
6 Witness	HCDA		HCDA

FLOOR AREA TABLE	
BUILDING NAME	m ²
Office	396
Wholesalers (Included Auction Wholesale)	926 (288)
Retailers	1,258
Shop Retailers 1	272
Shop Retailers 2	223
Retail Warehouse	420
Hawkers Section 1	780
Hawkers Section 2 (Included Retailers)	864 (171)
TOTAL	5,139

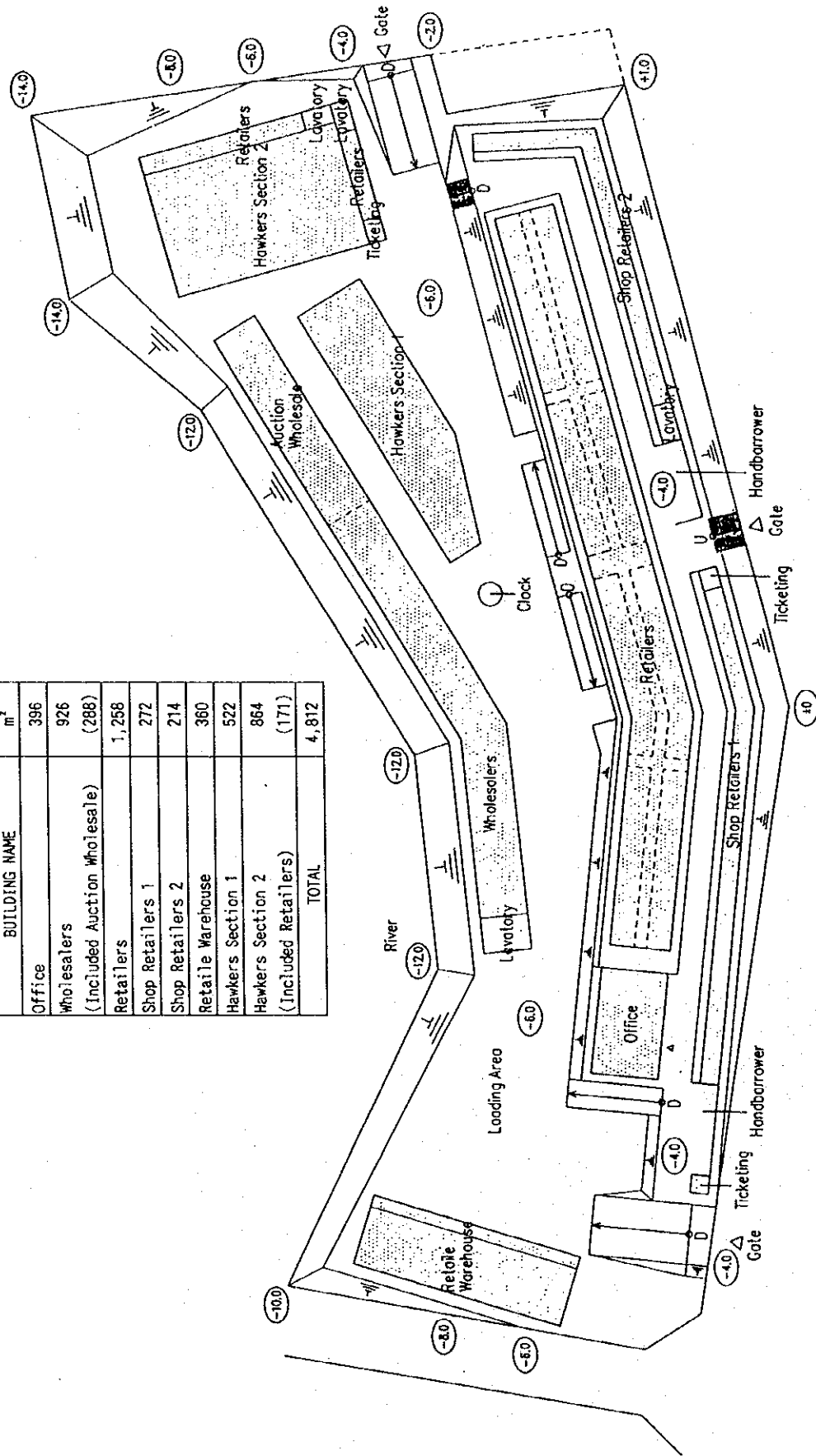


SITE PLAN 1:1000

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Market Facility Improvement Plan	
Title: Layout Plan (Alternative-1)	
Dwg No. Drawing N-2-1	

FLOOR AREA TABLE

BUILDING NAME	m ²
Office	396
Wholesalers (Included Auction Wholesale)	926 (288)
Retailers	1,258
Shop Retailers 1	272
Shop Retailers 2	214
Retail Warehouse	360
Hawkers Section 1	522
Hawkers Section 2 (Included Retailers)	864 (171)
TOTAL	4,812



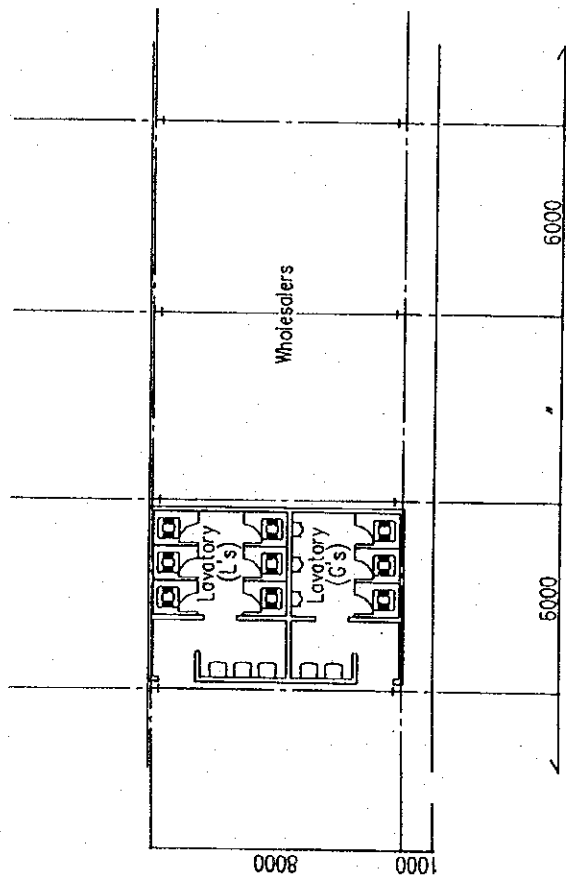
SITE PLAN 1:1000

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

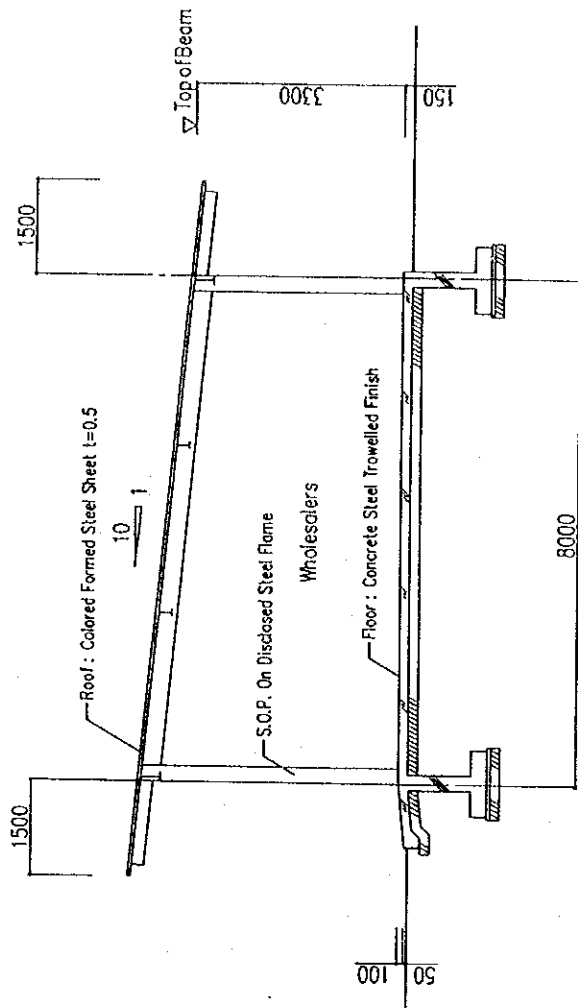
JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Layout Plan (Alternative-2)

Dwg. No. Drawing N-2-2



WHOLESALEERS-PLAN



WHOLESALEERS-SECTION

INTERIOR FINISH SCHEDULE (LAVATORY)

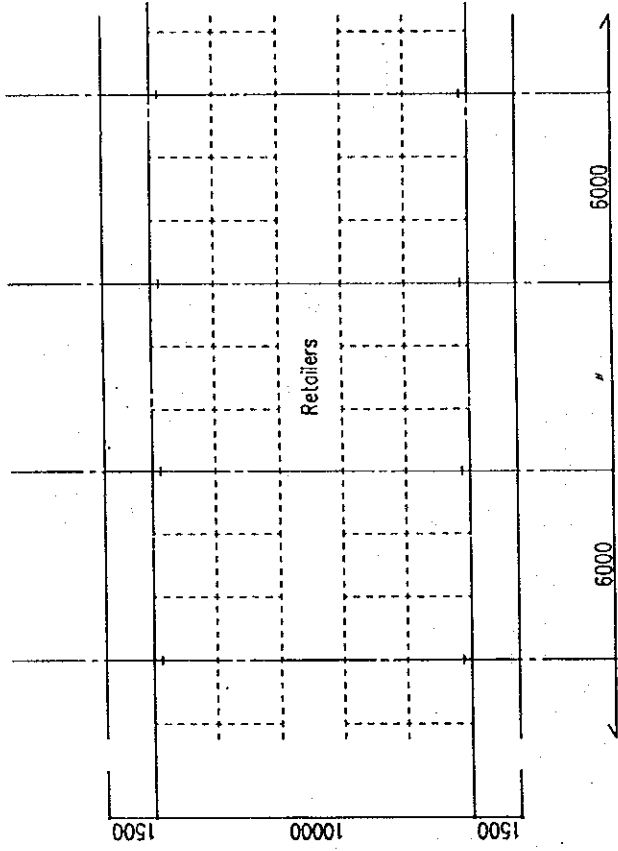
FLOOR	MOSAIC TILE 50X50
BASEBOARD	—
WALL	CERAMIC TILE 100X100
CEILING	A.E.P. ON GYPSUM BOARD

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

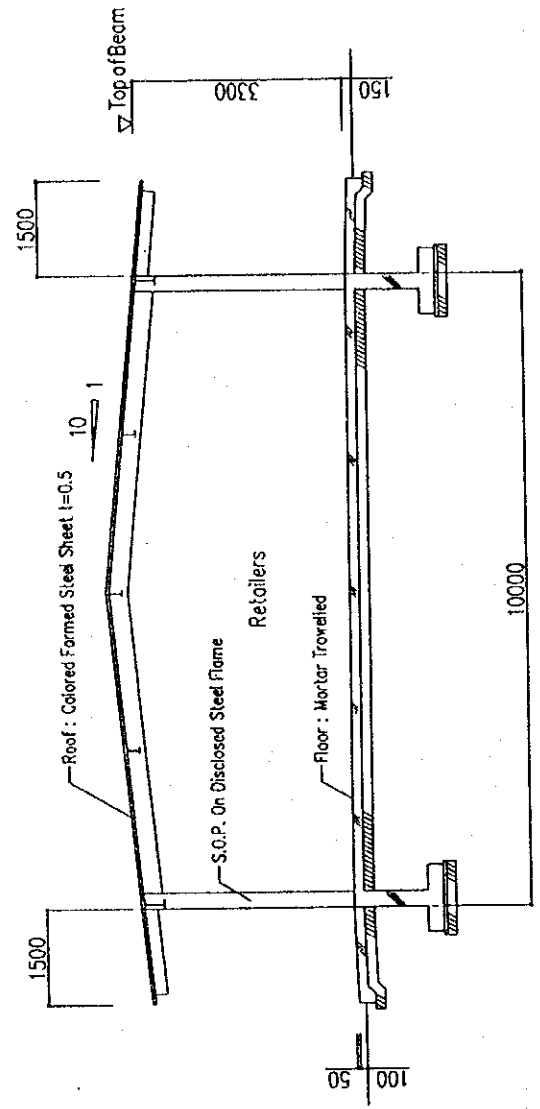
JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Daily Base Wholesalers Section

Dwg. No. Drawing N-2-3

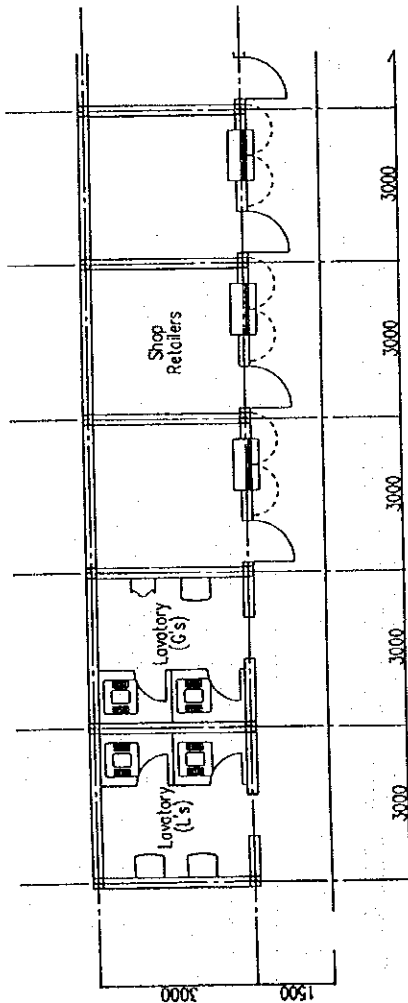


RETAILERS-PLAN



RETAILERS-SECTION

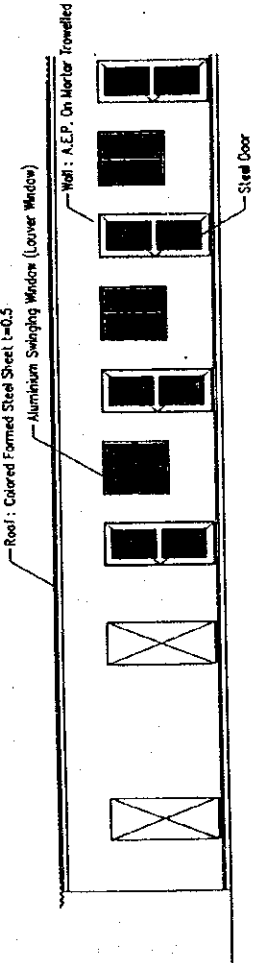
Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale	
Market Facility Improvement Plan	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title:	Daily Base Retailers Section
Dwg. No.	Drawing N-2-4



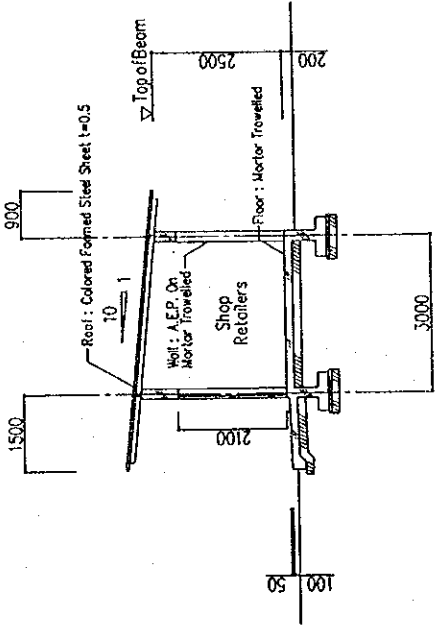
SHOP RETAILERS-PLAN

INTERIOR FINISH SCHEDULE (LAVATORY)

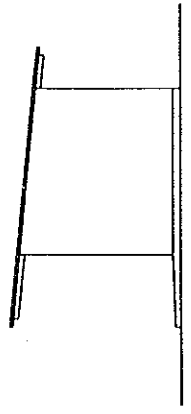
FLOOR	MOSAIC TILE 50X50
BASEBOARD	—
WALL	CERAMIC TILE 100X100
CEILING	A.E.P. ON GYPSUM BOARD



SHOP RETAILERS-ELEVATION A



SHOP RETAILERS-SECTION



SHOP RETAILERS-ELEVATION B

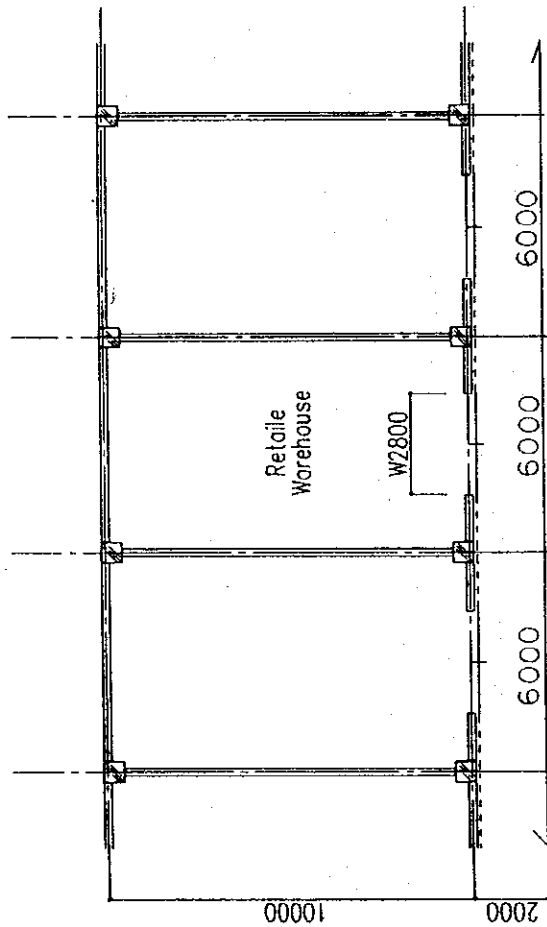
Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale

Market Facility Improvement Plan

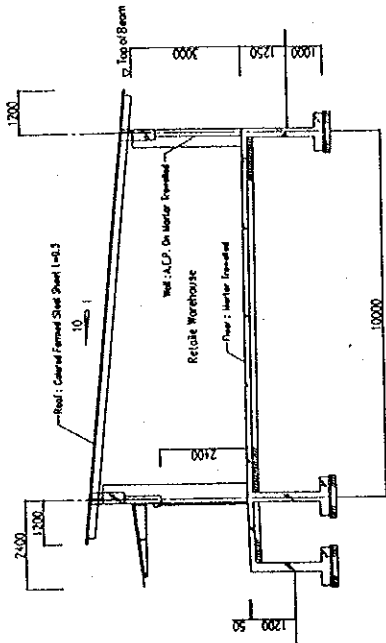
JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Monthly Base Retailers Shop Section

Dwg. No. Drawing N-2-5

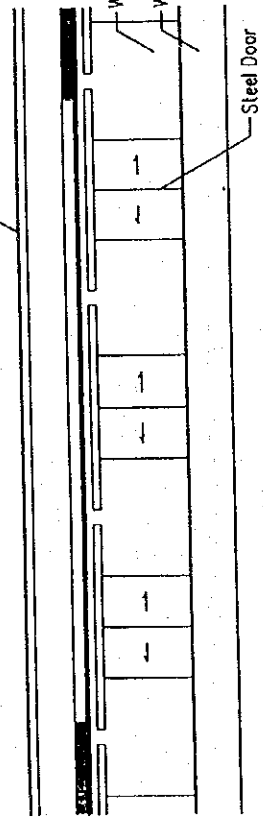


RETAIL WAREHOUSE - PLAN

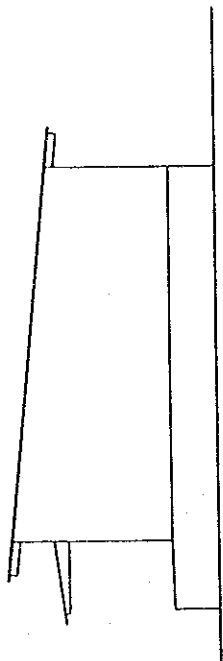


RETAIL WAREHOUSE - SECTION

Roof: Colored Formed Steel Sheet $t=0.5$



RETAIL WAREHOUSE - ELEVATION A

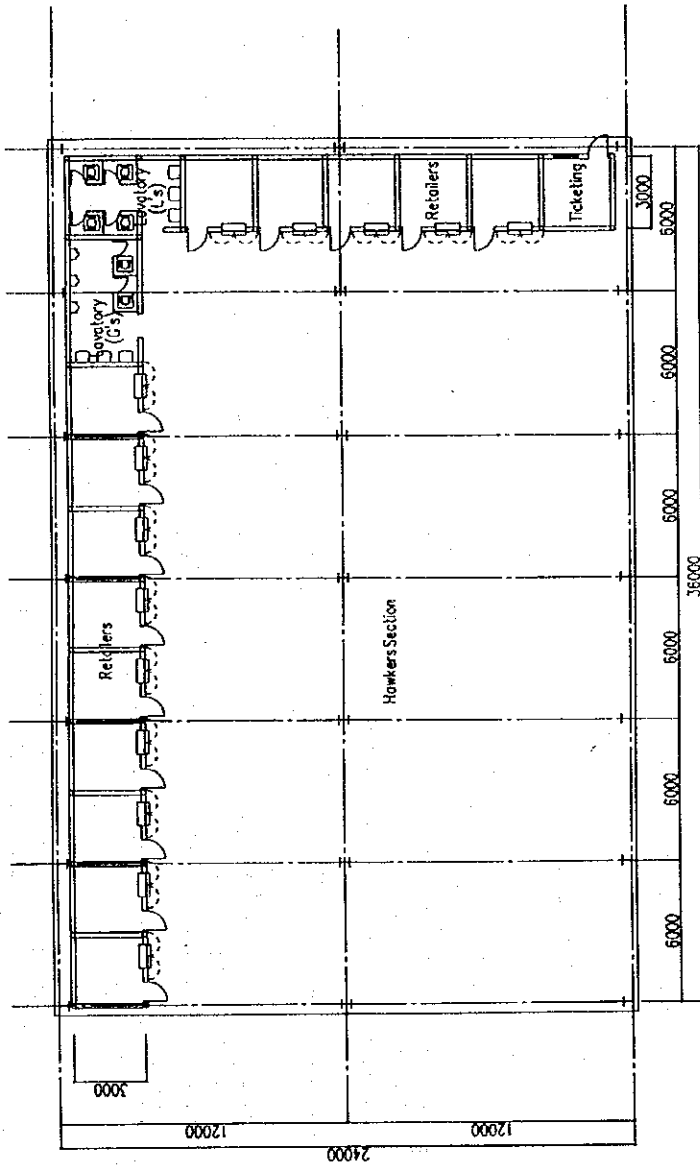


RETAIL WAREHOUSE - ELEVATION B

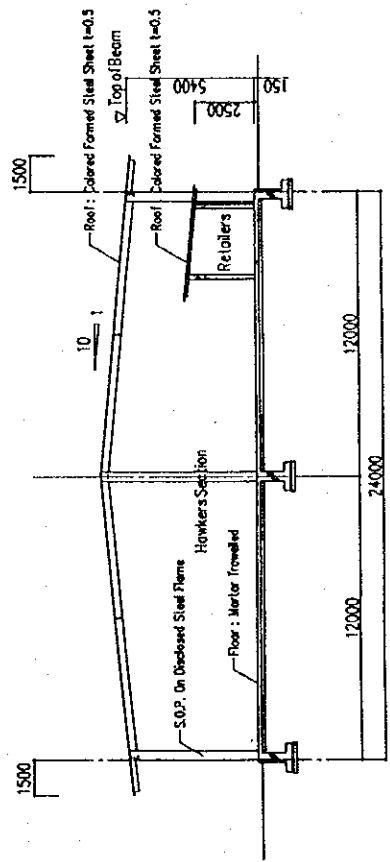
Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale	
<i>Market Facility Improvement Plan</i>	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title: Monthly Base Wholesalers Warehouse Section	Dwg. No. Drawing N-2-6

INTERIOR FINISH SCHEDULE
(RETAILERS, TICKETING, LAVATORY)

FLOOR	MORTAR TROWELLED MOSAIC TILE 50X50 (LAVATORY)
BASEBOARD	MORTAR TROWELLED
WALL	MORTAR TROWELLED CERAMIC TILE 100X100 (LAVATORY)
CEILING	DISCLOSED ROOF SHEET A.E.P. ON GYPSUM BOARD (LAVATORY)



HAWKERS SECTION-PLAN



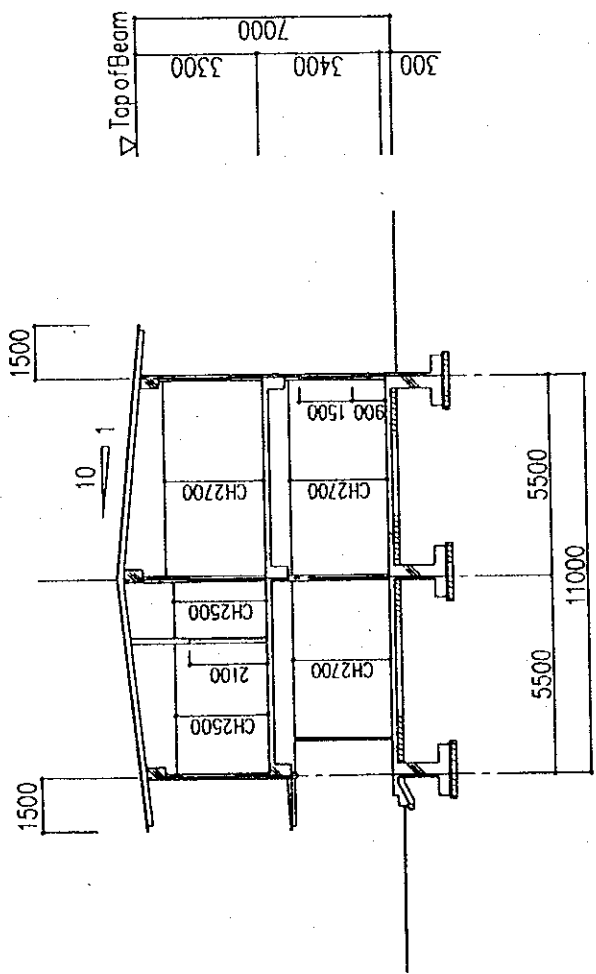
HAWKERS SECTION-SECTION

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

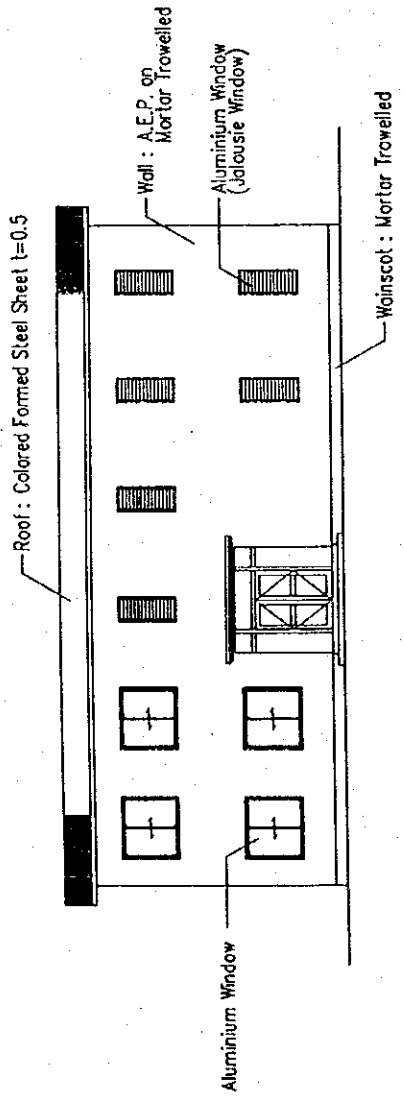
Title: Daily Base Hawkers Section

DWG. No. Drawing N-2-7



OFFICE-SECTION

OFFICE-ELEVATION B



OFFICE-ELEVATION A

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan		JICA Study Team - Marketing Market Information Branch, FMD, MOALD
Title: Administrative Office (Elevation)		Dwg. No. Drawing N-2-8

INTERIOR FINISH SCHEDULE

FLOOR	PRECAST TERRAZZO PORCELAIN TILE 100X100 (LAVATORY)
BASEBOARD	S.O.P. On Timber 100X20
WALL	A.E.P. ON MORTAR TROWELLED PORCELAIN TILE 100X100 (LAVATORY)
CEILING	ACOUSTICAL ROCK WOOL BOARD A.E.P. ON GYPSUM BOARD (LAVATORY)

INTERIOR FINISH SCHEDULE

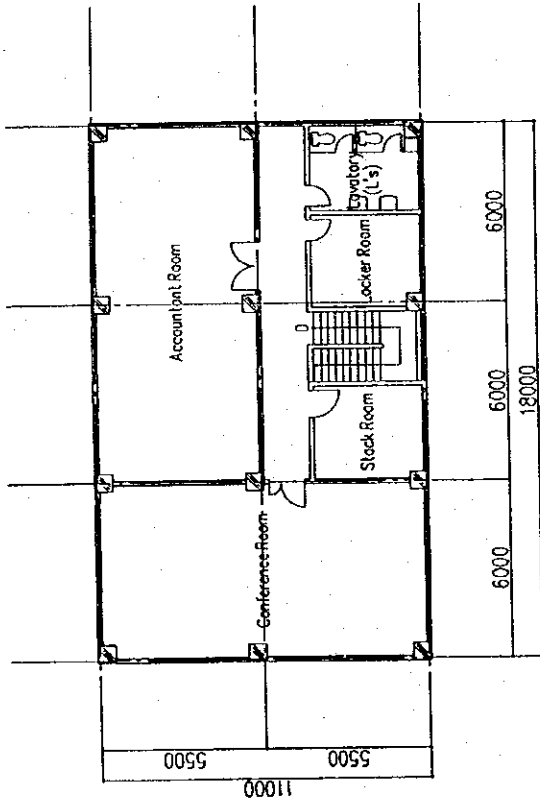
FLOOR	PRECAST TERRAZZO PORCELAIN TILE 100X100 (LAVATORY & KITCHEN)
BASEBOARD	S.O.P. On Timber 100X20
WALL	A.E.P. ON MORTAR TROWELLED PORCELAIN TILE 100X100 (LAVATORY & KITCHEN)
CEILING	ACOUSTICAL ROCK WOOL BOARD A.E.P. ON GYPSUM BOARD (LAVATORY & KITCHEN)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

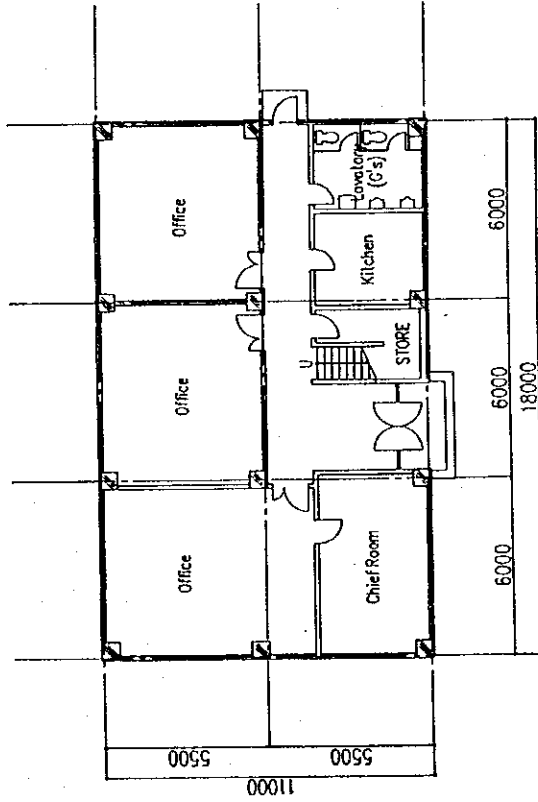
JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Administrative Office (Plan)

Dwg. No. Drawing N-2-9



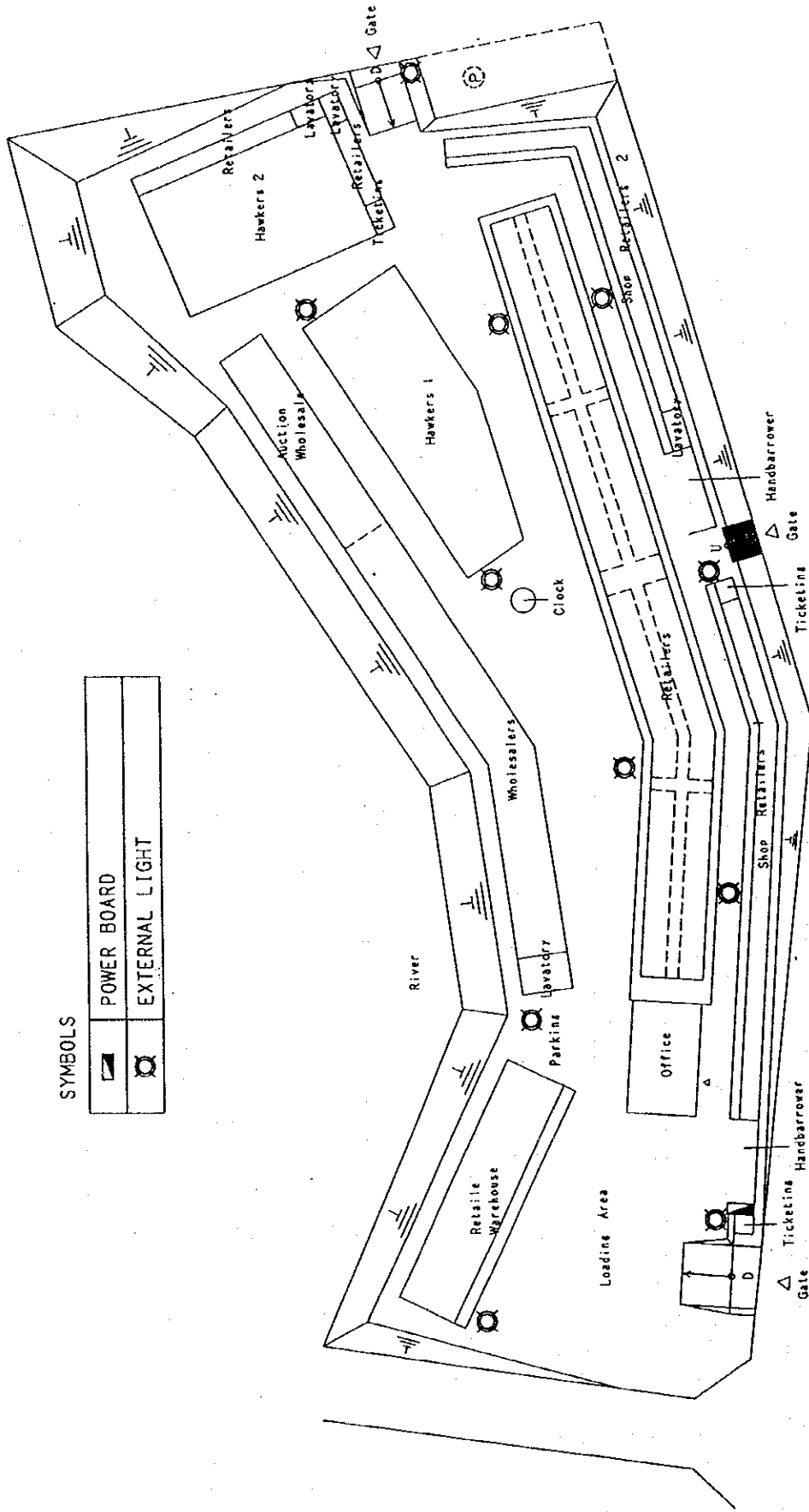
OFFICE-1ST FLOOR PLAN



OFFICE-GROUND FLOOR PLAN

SYMBOLS

	POWER BOARD
	EXTERNAL LIGHT



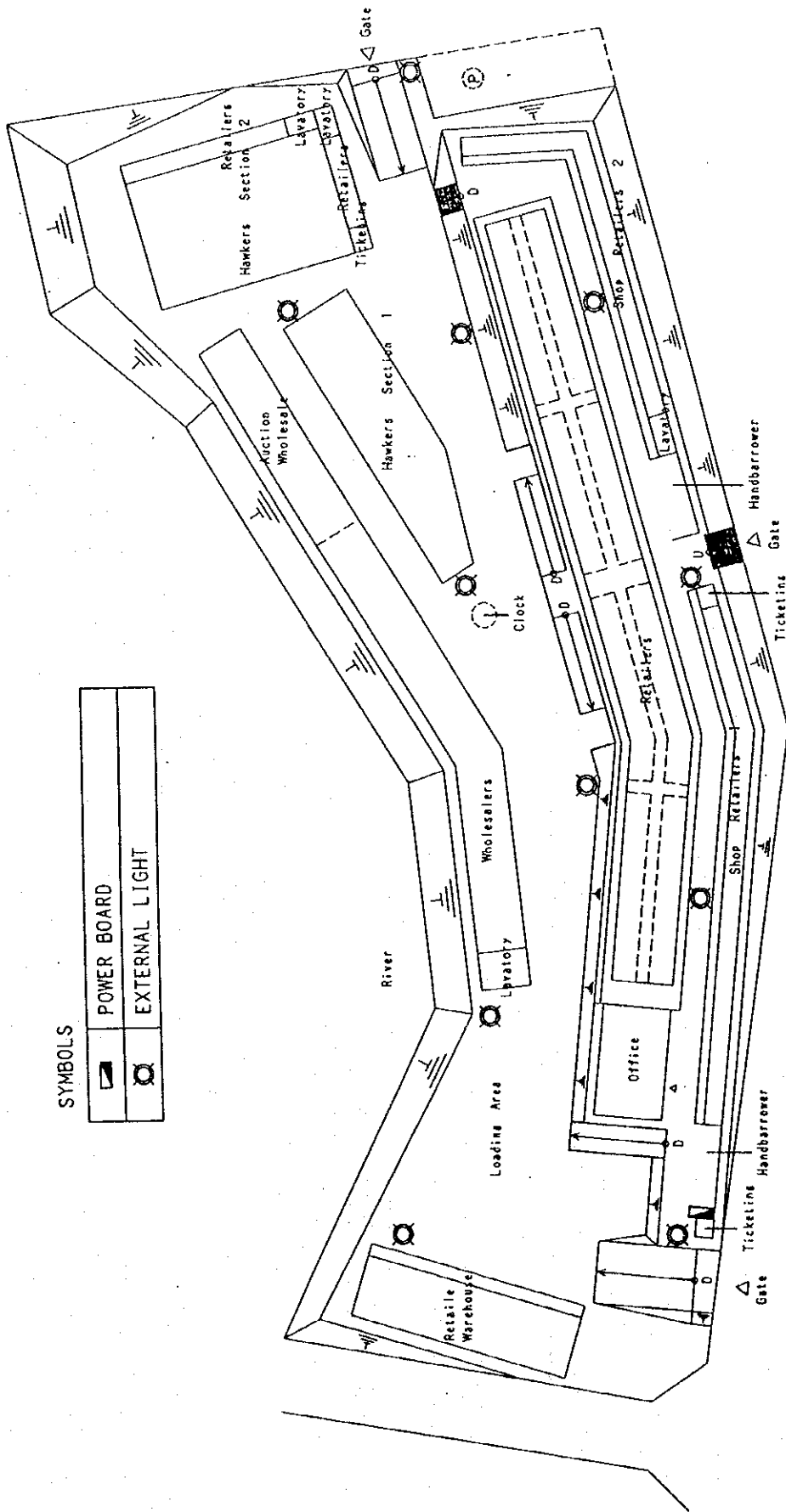
SITE PLAN 1:1000

(EXTERIOR LIGHTING LOCATION)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title: Exterior Lighting Location (Alternative-1)	
Dwg. No.	Drawing N-2-10

SYMBOLS

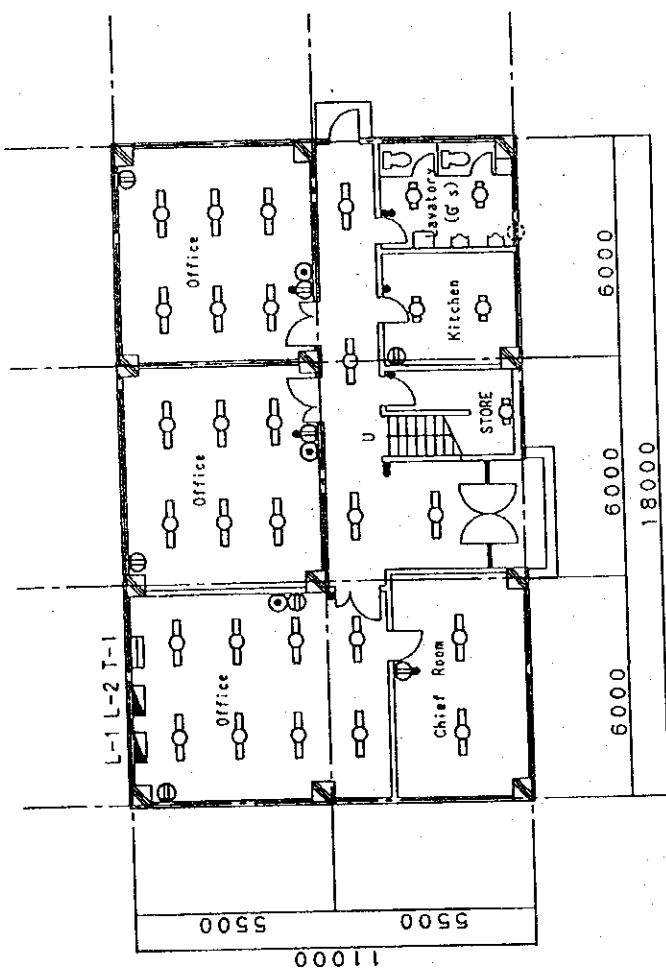
	POWER BOARD
	EXTERNAL LIGHT



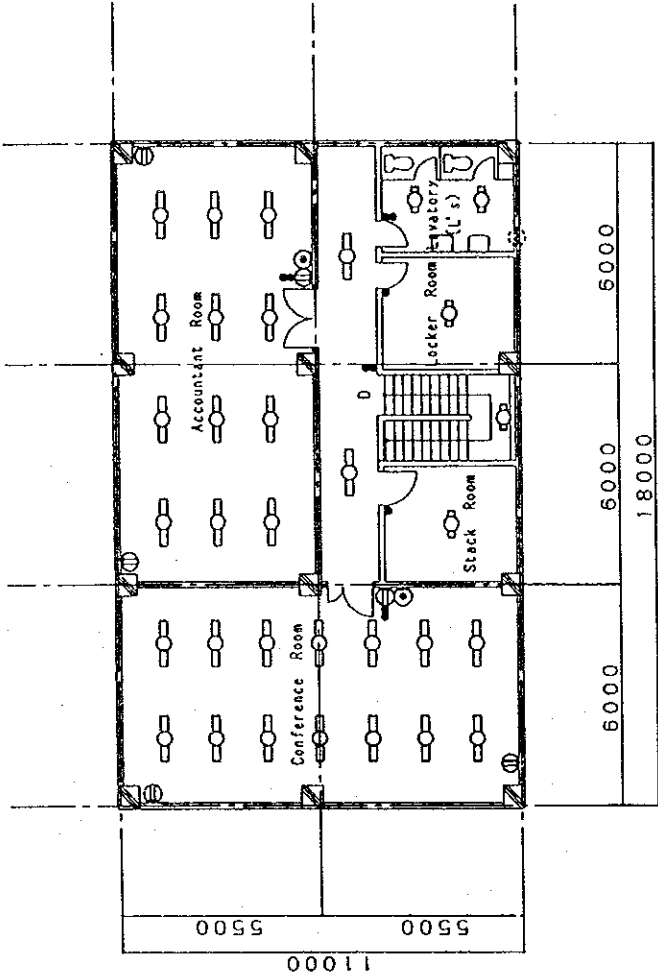
SITE PLAN 1:1000

(EXTERIOR LIGHTING LOCATION)

<p>Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan</p>	
<p>JICA Study Team - Marketing Market Information Branch, FMD, MOALD</p>	
<p>Title: Exterior Lighting Location (Alternative-2)</p>	
<p>Dwg. No.</p>	<p>Drawing N-2-11</p>



OFFICE-GROUND FLOOR PLAN
(LIGHTING & OUTLET POINT)



OFFICE-1ST FLOOR PLAN
(LIGHTING & OUTLET POINT)

SYMBOLS

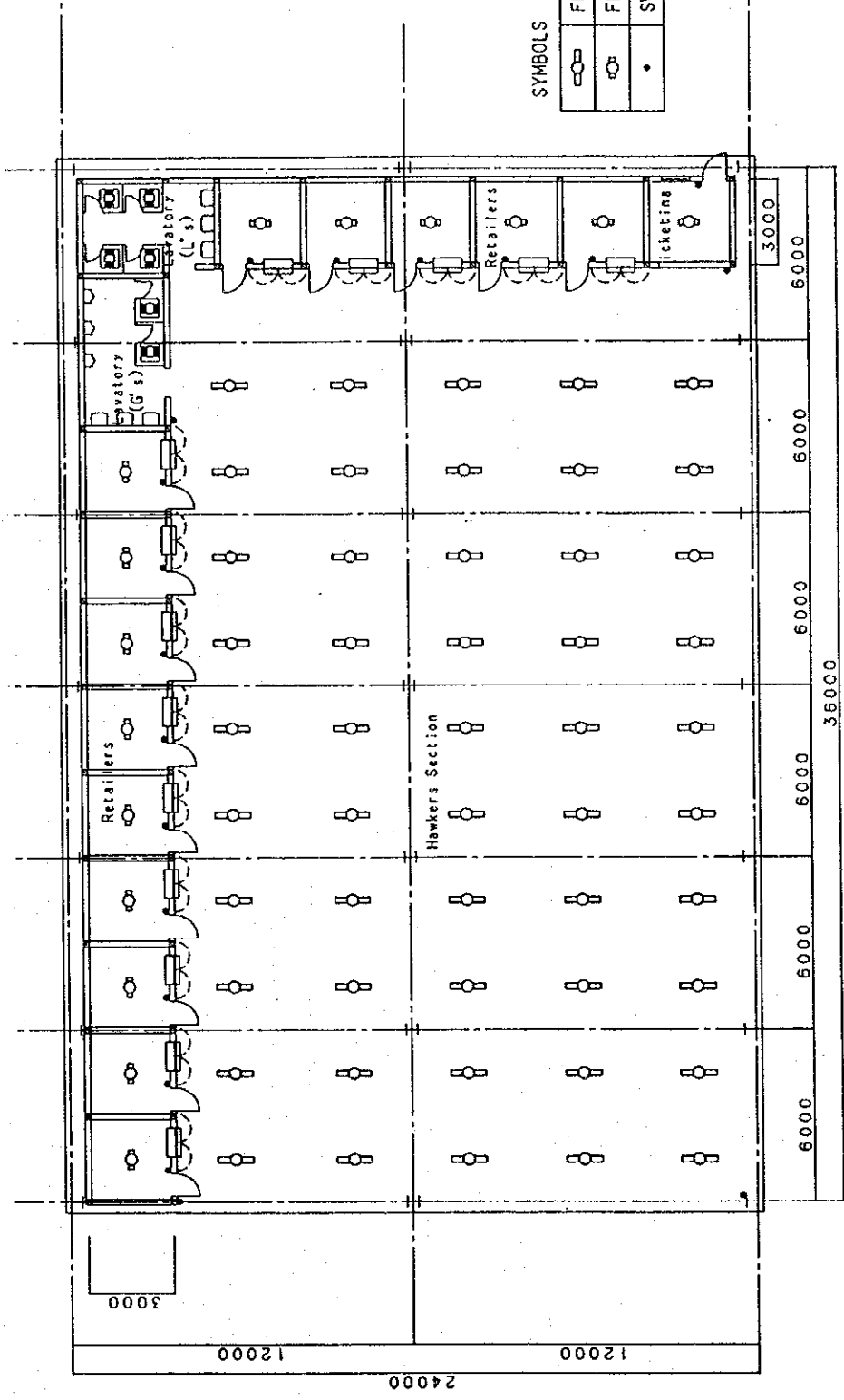
	PANEL BOARD
	TERMINAL BOARD
	FL40wX1
	FL20wX1
	SWITCH
	OUTLET
	TEL OUTLET

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromona Wholesale Market Facility Improvement Plan

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Lighting of Administrative Office

Dwg. No. Drawing N-2-12



SYMBOLS

	FL40wX1
	FL20wX1
	SWITCH

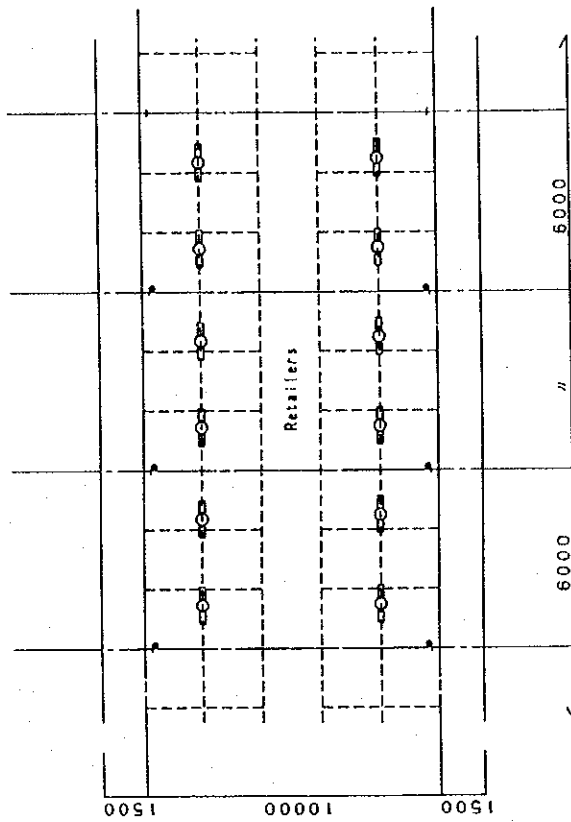
HAWKERS SECTION-PLAN
(LIGHTING DISPOSITION)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

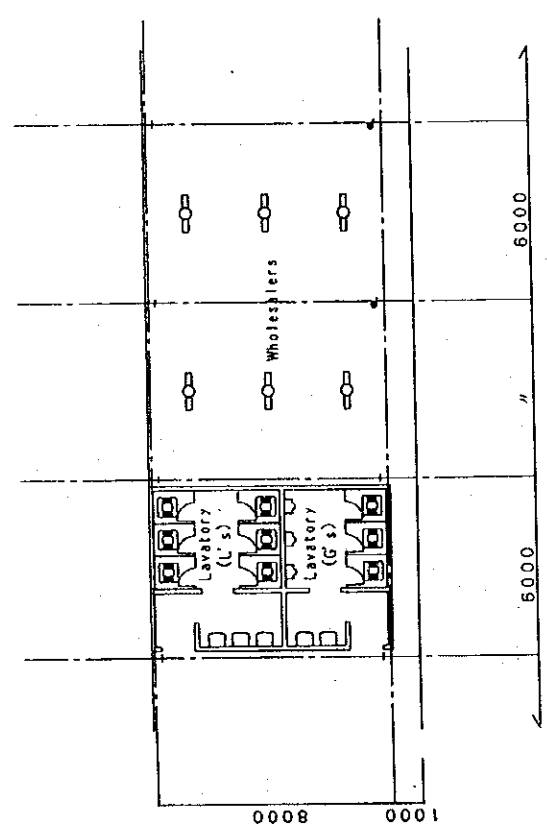
Title: Lighting of Hawkers Section

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Dwg. No. Drawing N-2-13



RETAILERS-PLAN
(LIGHTING DISPOSITION)



WHOLESALEERS-PLAN
(LIGHTING DISPOSITION)

SYMBOLS

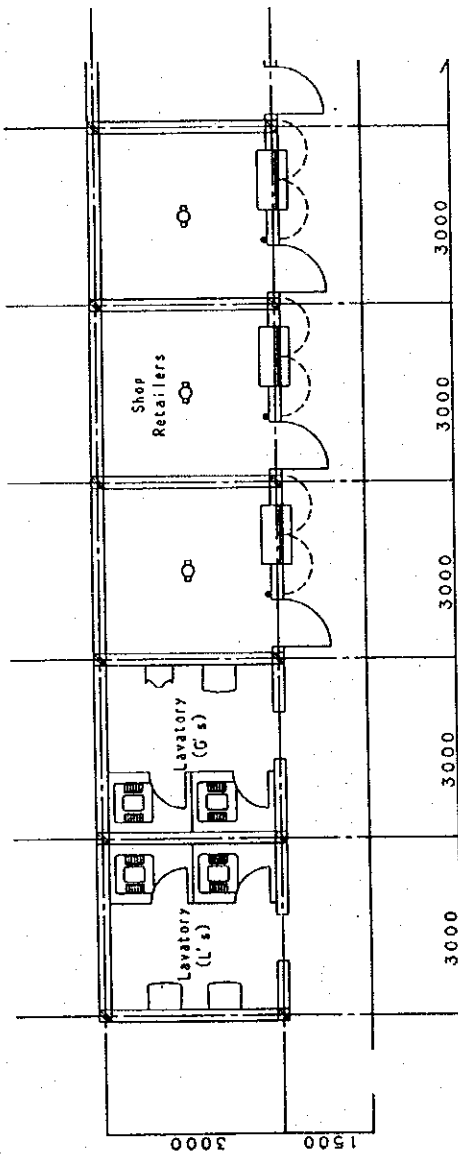
□	FL40*XI
•	SWITCH

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Lighting of Wholesalers/Retailers Sections

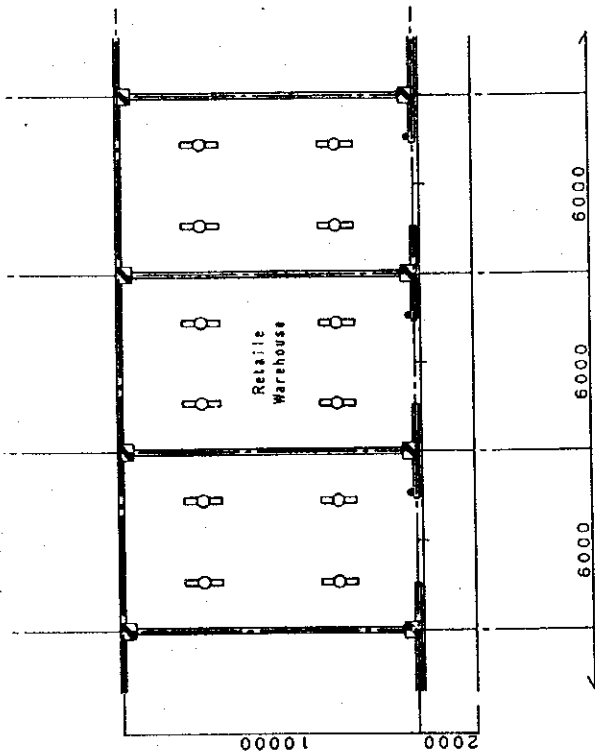
Dwg. No. Drawing N-2-14



SHOP RETAILERS-PLAN
(LIGHTING DISPOSITION)

SYMBOLS

☐	FL40×X1
○	FL20×X1
•	SWITCH

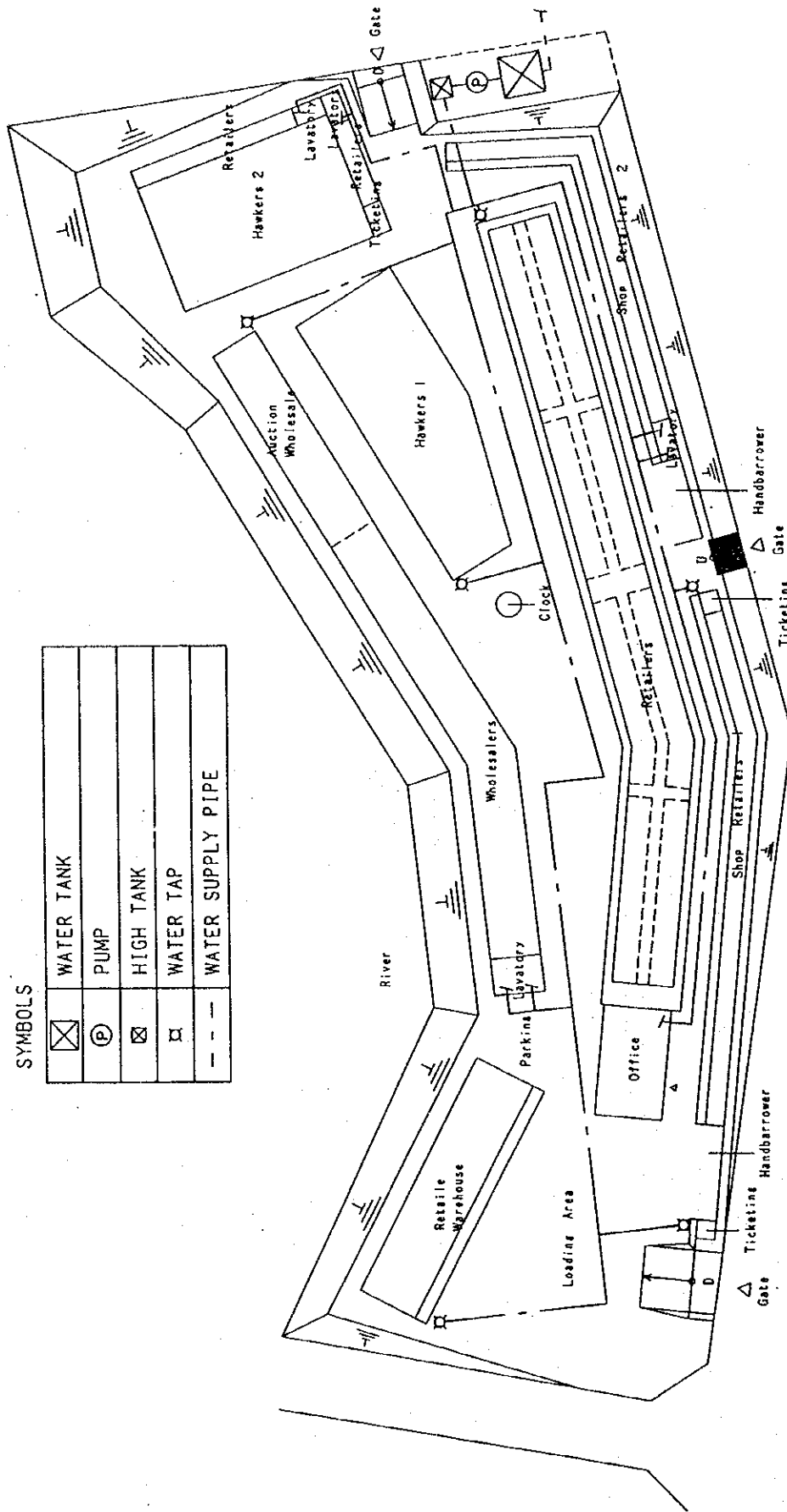


RETAILE WAREHOUSE-PLAN
(LIGHTING DISPOSITION)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale	
Market Facility Improvement Plan	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title: Lighting of Warehouses/ Retailers Shop Sections	Dwg. No. Drawing N-2-15

SYMBOLS

	WATER TANK
	PUMP
	HIGH TANK
	WATER TAP
	WATER SUPPLY PIPE

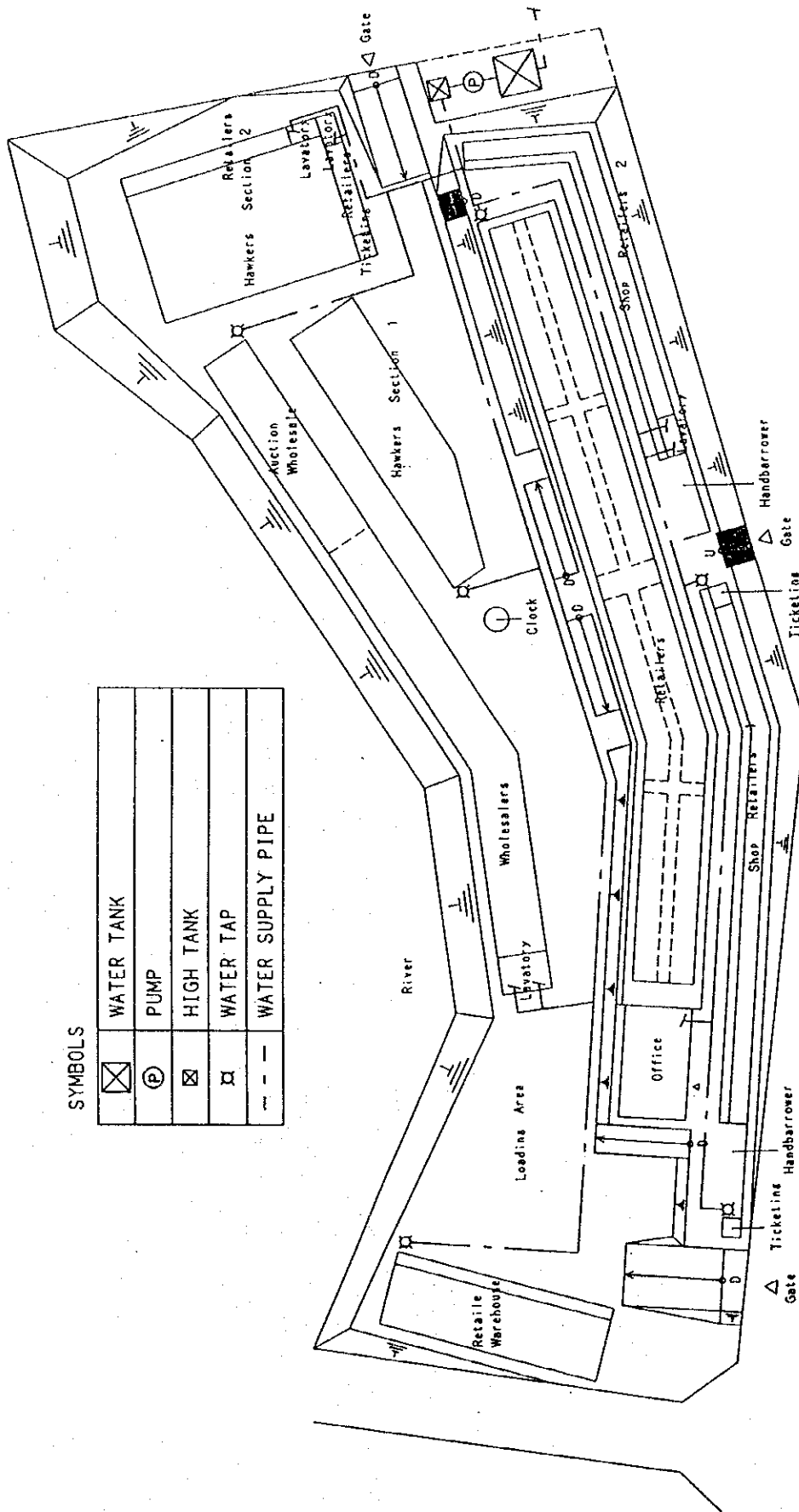


SITE PLAN 1:1000
(WATER SUPPLY LINE)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakomone Wholesale	
Market Facility Improvement Plan	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title: Water Supply Line (Alternative-1)	
Dwg. No. Drawing N-2-16	

SYMBOLS

	WATER TANK
	PUMP
	HIGH TANK
	WATER TAP
	WATER SUPPLY PIPE



Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakromone Wholesale Market Facility Improvement Plan

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

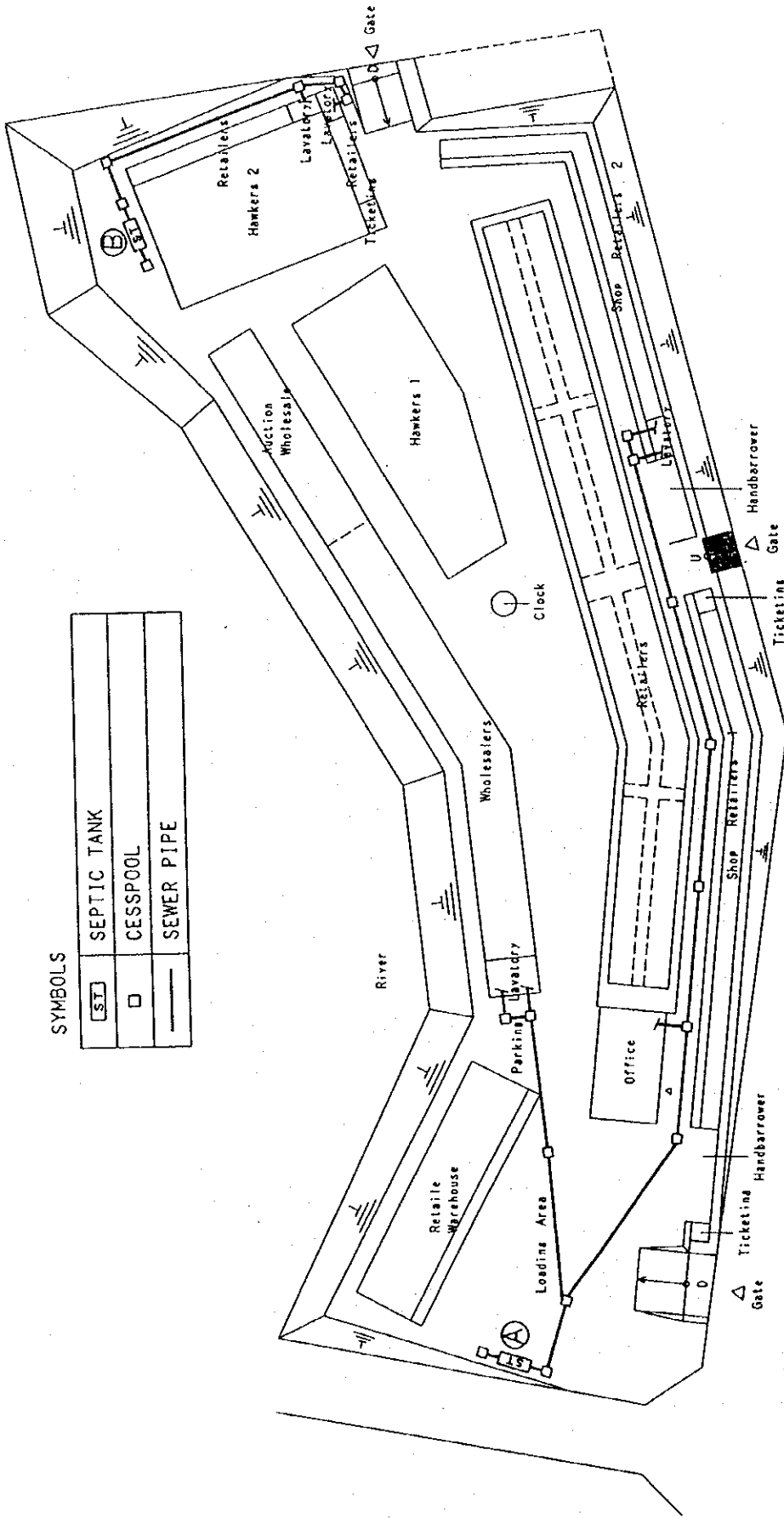
Title: Water Supply Line (Alternative-2)

Dwg. No. Drawing N-2-17

SITE PLAN 1:1000
(WATER SUPPLY LINE)

SYMBOLS

	SEPTIC TANK
	CESSPOOL
	SEWER PIPE

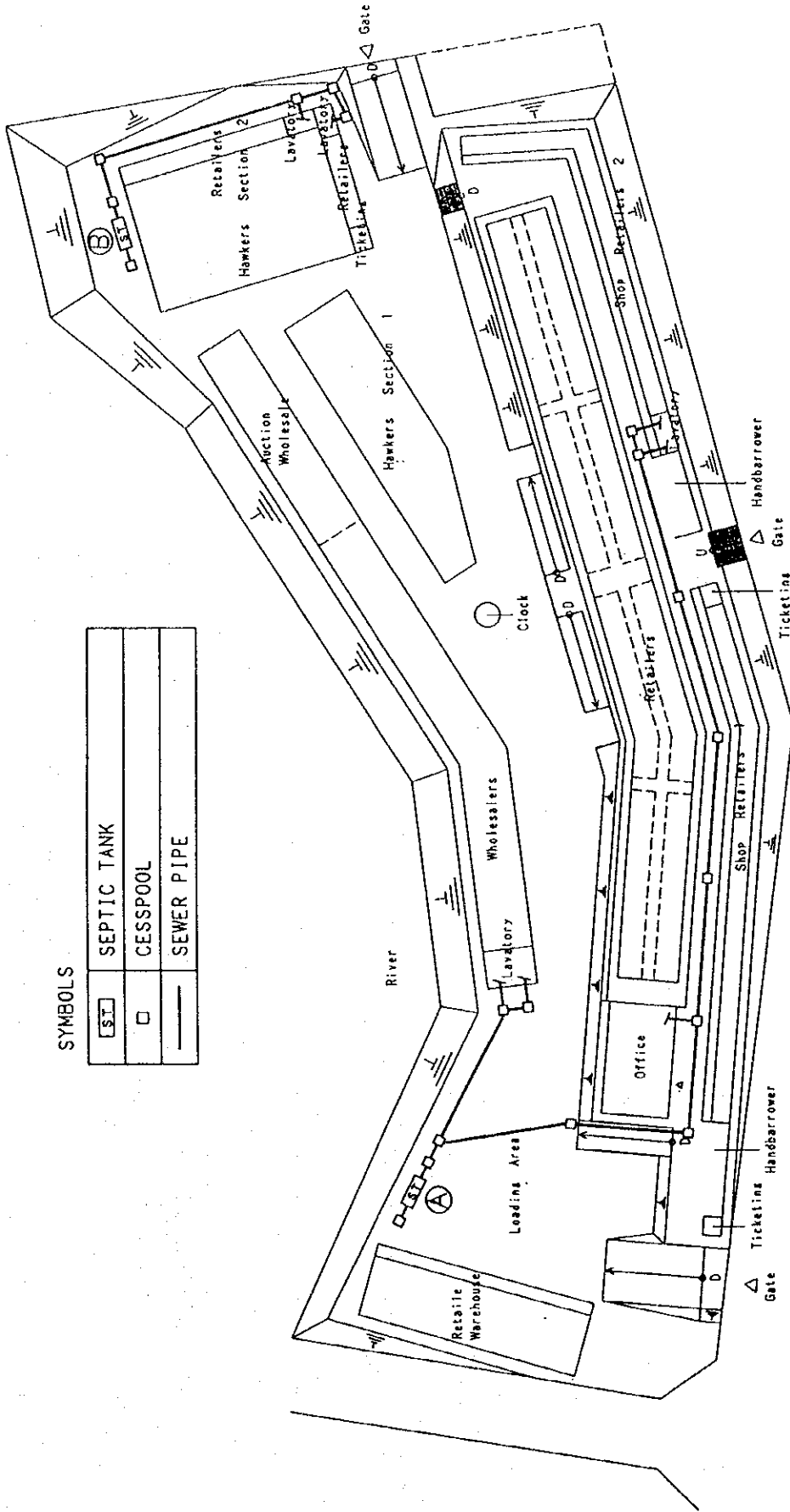


SITE PLAN 1:1000
(EXTERIOR SEWAGE LINE)

<p>Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan</p>	
<p>JICA Study Team - Marketing Market Information Branch, FMD, MOALD</p>	
<p><i>Title:</i> Exterior Sewage Line (Alternative-1)</p>	
<p><i>Dwg. No.</i> Drawing N-2-18</p>	

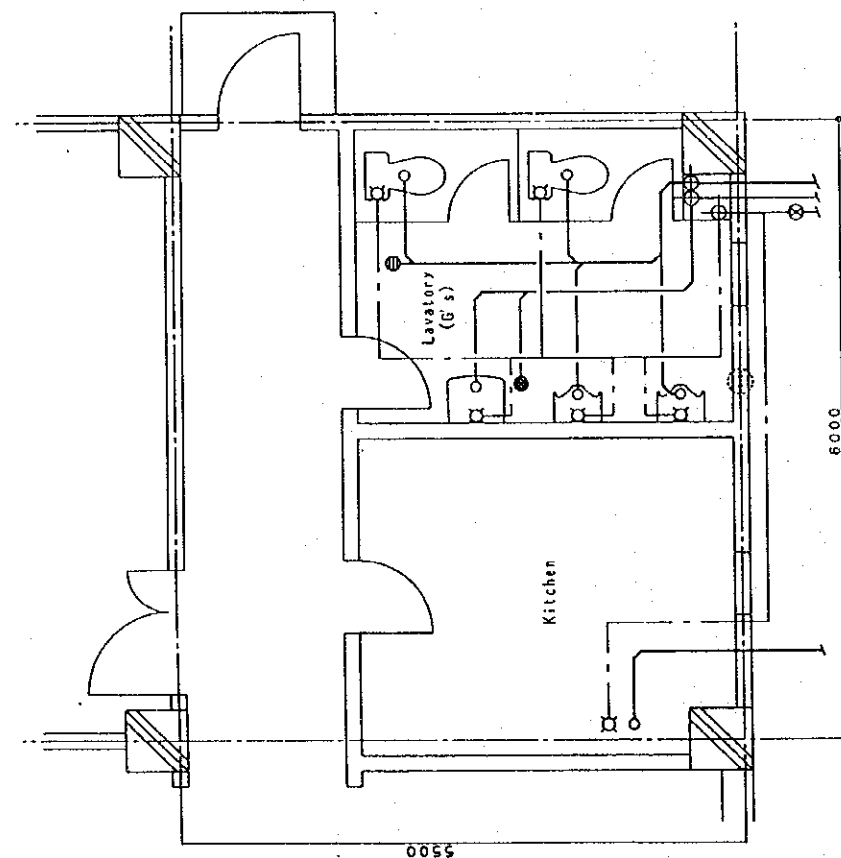
SYMBOLS

	SEPTIC TANK
	CESSPOOL
	SEWER PIPE

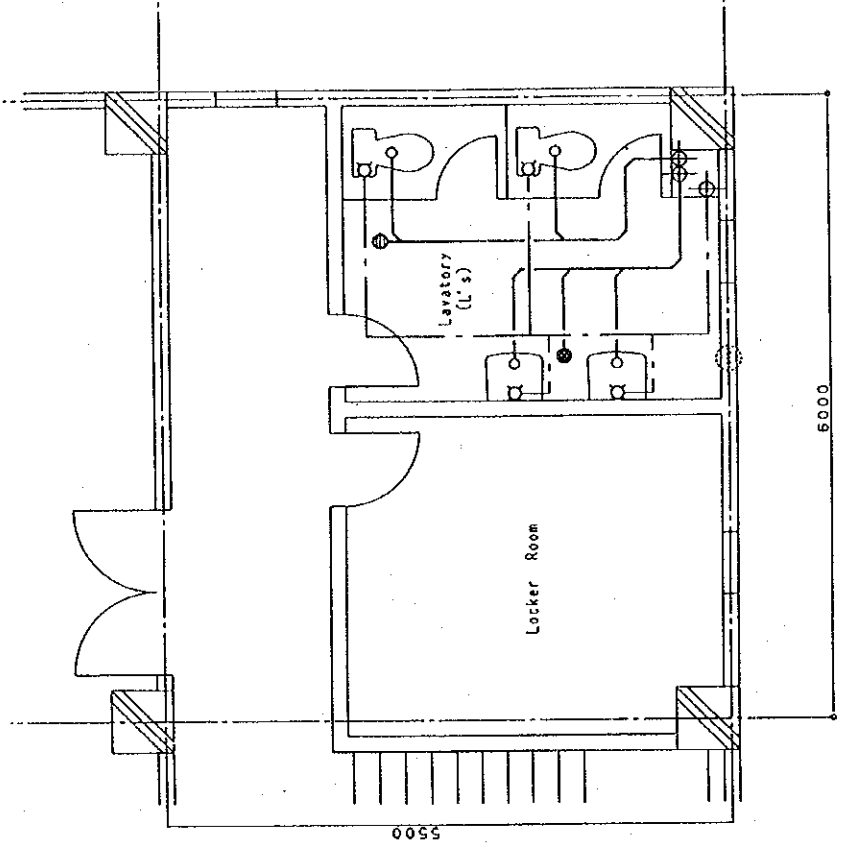


SITE PLAN 1:1000
(EXTERIOR SEWERAGE LINE)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale	
Market Facility Improvement Plan	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title:	Exterior Sewage Line (Alternative-2)
Dwg No.	Drawing N-2-19



OFFICE-GROUND FLOOR PLAN
(DRAINAGE, SEWAGE PIPING LINE)



OFFICE-1ST FLOOR PLAN
(DRAINAGE, SEWAGE PIPING LINE)

SYMBOLS

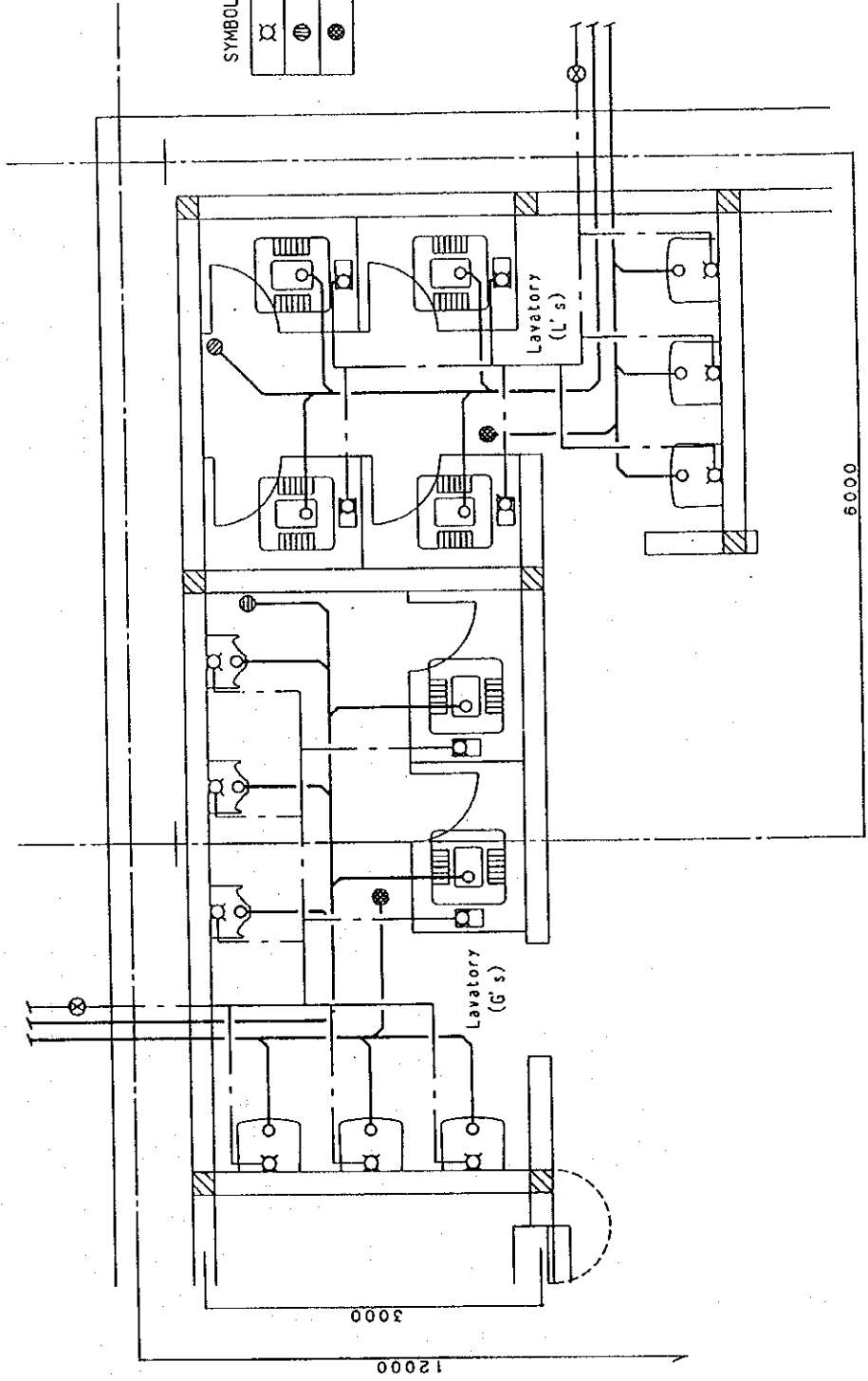
☐	WATER TAP
⊕	CLEAN-OUT
●	FLOOR DRAIN TRAP

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakomone Wholesale Market Facility Improvement Plan

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Drainage & Sewage Pipe Line (1)

Dwg. No. Drawing N-2-20

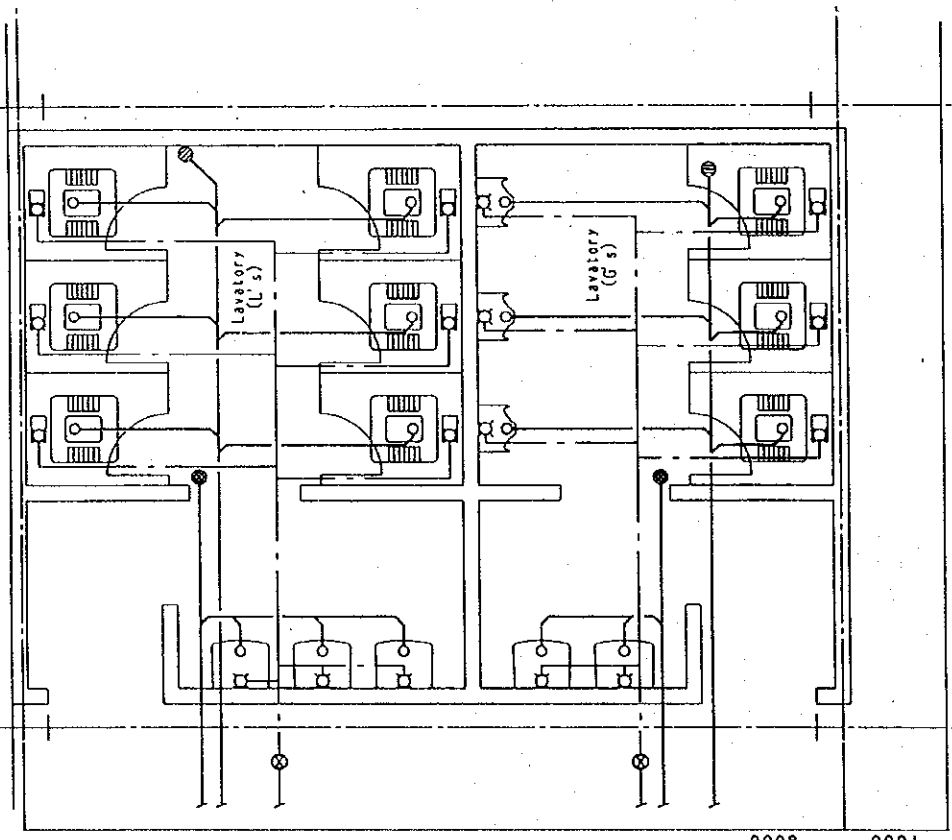


SYMBOLS

⊗	WATER TAP
⊙	CLEAN-OUT
⊛	FLOOR DRAIN TRAP

HAWKERS SECTION-PLAN
(DRAINAGE, SEWAGE PIPING LINE)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Title:	Drainage & Sewage Pipe Line (2)
Dwg. No.	Drawing N-2-21



SYMBOLS

☒	WATER TAP
⊕	CLEAN-OUT
⊙	FLOOR DRAIN TRAP

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale Market Facility Improvement Plan

JICA Study Team - Marketing
Market Information Branch, FMD, MOALD

Title: Drainage & Sewage Pipe Line (3)

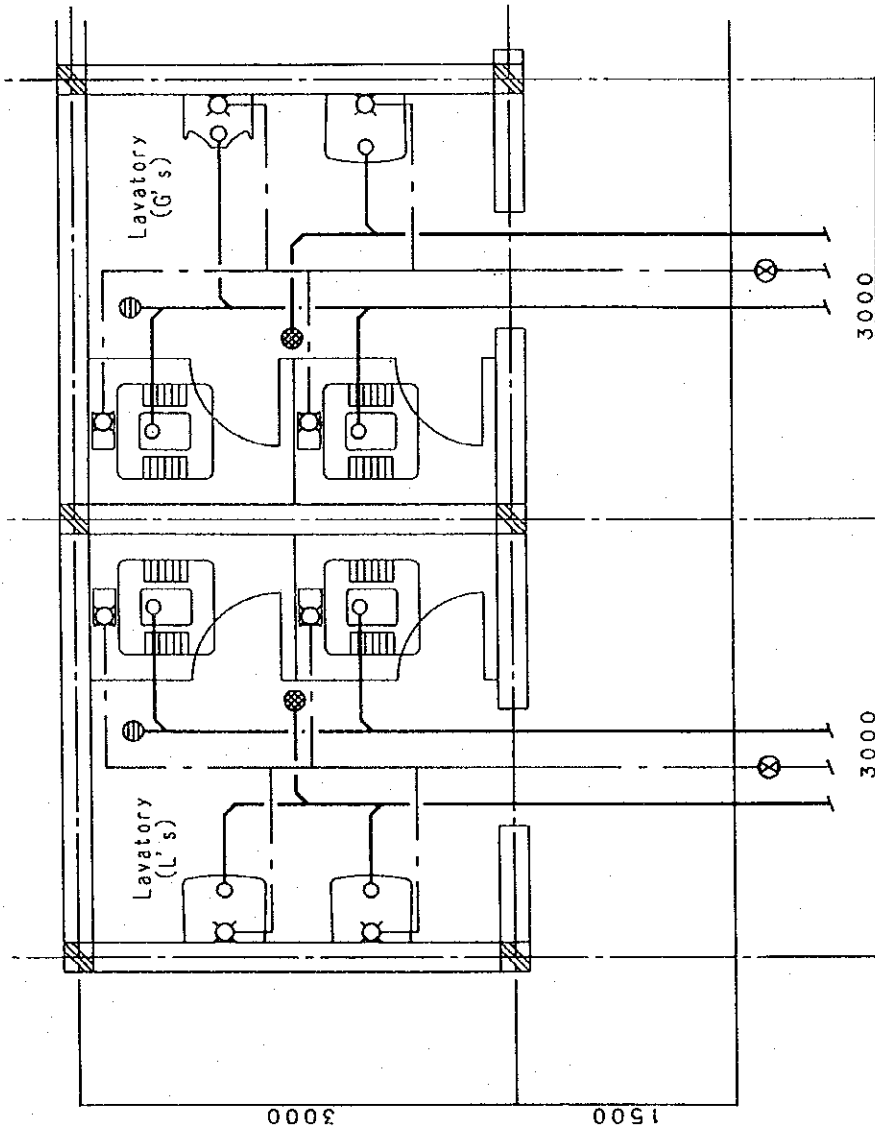
Dwg No. Drawing N-2-22

WHOLESALEERS - PLAN
(DRAINAGE, SEWAGE PIPING LINE)

18008 0001

SYMBOLS

⊗	WATER TAP
⊕	CLEAN-OUT
⊙	FLOOR DRAIN TRAP



SHOP RETAILERS-PLAN
(DRAINAGE, SEWAGE PIPING LINE)

Regional Market Improvement Plan for Transaction Models and Information Flows of Horticultural Produce at Gakoromone Wholesale	
JICA Study Team - Marketing Market Information Branch, FMD, MOALD	
Market Facility Improvement Plan	
Title: Drainage & Sewage Pipe Line (4)	
Dwg. No.	Drawing N-2-23