

1

,

1.

5가

가 가 가

1930 , 1960

116,000 , 1977 가 319,000 1999

가 , , , , ,

21

2.

Table 1 1965 6,500ha ,

1965 30% , 1999 1965 66.6% ,

가

가

1970 36,000 , 1980 417,000 , 1985 885,000 ,

1995 1,430,000 , 1999 1,490,000 가

1965 100% , 1999 가 7.5%

Table 2 1999 가 ,

3.

가 1999 1,544,000 1965 163,000 1975 372,000 2 가 .
 (Table 3). 가 1965 13,000 1975 46,000 3-4
 가 1985 725,000 , 1980 22 가 . 1999 가
 1,084,000 70.2%가 1980
 가 , 1999
 70.2%
 1965 가 가
 1980 400,000 , 1999 400,000 ,
 25.9% (Table 3).

Table 3.

	(10 ³ tons)	(10 ³ tons)		(%)
'65	163	13	150	7.9
'70	266	18	248	6.8
'75	372	46	326	12.4
'80	733	33	400	4.5
'85	1,130	725	405	64.2
'90	1,254	866	388	69.0
'95	1,558	1,142	416	73.3
'96	1,618	1,180	438	72.9
'97	1,855	1,413	442	76.2
'98	1,544	1,100	444	71.2
'99	1,544	1,084	400	70.2
('99/'65)	9.47	83.38	2.67	8.89

: (,2000)

가 가 가 가
 가
 가 468,000 (160,000 (32.9%)
 326,000 (67.1%) 가 428,000 (가 97,000 가
 331,000) 70% , , 가
 30% (Table 4).

Table 4. 1997 가

	(10 ³ tons)	(%)
	486	100.0
	160	32.9
	326	67.1
	428	100.0
(가)	97	22.7
가	331	77.3
-	131	30.6
-	82	19.2
-	24	5.6
-	7	1.6
-	11	2.6
-	61	14.2
-	15	3.5

Table 5
 9.5 가
 가 1970 4 1999 3 2 4 81
 가 1970 2.0% 1999 16.8% 가

Table 5.

	(: U.S.\$)						
	'70	'80	'90	'95	'97	'98	'99
(A)	202	1,020	1,639	2,259	2,788	2,075	1,928
(B)	4	123	289	283	538	355	324
B/A(%)	2.0	12.1	17.6	16.9	19.3	17.1	16.8

4. 가

가 331,000 (131,000 , 82,000 , 61,000 ,
 24,000 , 33,000) .
 Table 6 가 1999 9,910 (230 4,000
 , 183 1,550 , 10 1,360 , 2,000 3,000
) .
 가
 1 1 5 , ,

Table 6. 1999 가

	*	()	(10)
	230	4,000	1,000 1,500
	183	1,550	-
	10	1,360	-
**	2,000	3,000	-

: (,2000)
 * 5 , ** (2001)

Table 7 1980 1999 가
 397,000kL 425,000 7% 가 , 274,000 280,000 2%
 가 131,000 160,000 22% 가 . 1980
 가 1990 .

Table 7. , ,

	(10 ³ kℓ)			(10 ³ tons)			(10 ³ tons)		
	(A)	(B)	B/A(%)	(A)	(B)	B/A(%)	(A)	(B)	B/A(%)
1980	397	108	27.3	274	54	19.1	131	36	27.2
1985	404	108	26.7	275	46	16.8	142	33	23.0
1990	417	167	40.6	278	59	21.2	148	44	29.5
1995	414	179	43.2	280	93	33.7	160	77	48.1
1996	425	179	42.2	280	98	35.0	160	85	53.1
1997	-	191	-	-	119	-	-	86	-
1998	-	196	-	-	114	-	-	87	-
1999	425(?)*	189	44.5(?)	280(?)	103	36.8(?)	160(?)	89	55.6(?)

: (2000)

*:

1980 27.3% 1999 44.5% 가 , 가
27.2% 55.6% 가 가

Table 8

1990 509 1999 1,642 가 . 가 91-94%,
106,000 128,800 31% 가 가
3-6%, 1-2%, 1-2%

Table 8.

		(10 ³ tons)	(10 ³ tons)			
1990	509	106.1	98.3(92.6*)	3.9(4.7)	1.1(1.0)	1.9(1.7)
1991	510	111.5	101.7(91.3)	6.3(5.7)	1.3(1.1)	2.1(1.9)
1992	500	117.5	107.3(91.3)	6.7(5.7)	1.3(1.1)	2.2(1.9)
1993	500	125.7	106.9(93.1)	6.5(5.1)	0.8(0.7)	1.5(1.1)
1994	510	125.0	115.1(92.1)	7.1(5.7)	1.1(0.9)	1.6(1.3)
1995	501	129.9	120.7(93.0)	5.5(5.0)	1.0(0.8)	1.5(1.2)
1996	647	139.4	125.6(92.3)	8.2(6.0)	1.4(1.0)	0.9(0.7)
1998	1,407	133.3	125.3(94.0)	4.6(3.5)	2.8(2.1)	0.8(0.6)
1999	1,642	128.8	121.1(94.0)	4.6(3.6)	2.6(2.0)	1.5(1.1)

*()

: (2000)

가
 1970 , 1,100 1973 가
 Table 9 4 1991 31,000,000 (18,700,000 59.8% , 21.2%, 12.8% 6.2%) . 1999 1.3%, 69.7%, 2.2% 1999 26.8% 가 .

Table 9.

(Unit: 10³boxes)

	1991	1995	1996	1997	1998	1999
	6,640	2,736	2,655	1,124	311	310
	(21.2)		(10.1)	(4.4)	(3.9)	(1.3)
	18,758	13,013	14,781	15,258	15,236	16,019
	(59.8)	(54.3)	(56.0)	(59.5)	(64.9)	(69.7)
	4,015	6,831	7,668	7,975	6,385	6,150
	(12.8)		(29.0)	(31.1)	(27.2)	(26.8)
	1,940	1,382	1,307	1,101	858	510
	(6.2)		(4.9)	(4.3)	(3.7)	(2.2)
	31,353	23,962	26,411	25,458	22,790	22,989
	(100)		(100)	(100)	(100)	(100)

() : (2000)

5.

1999 83,000 , 가 362,000 , 1,080,000 1,540,000 . 가 40% . 2004 1,870,000 92,000 , 가 485,000 , 1,280,000 (Table 10).

Table 10.

	(:10 ³)						
	1990	1994	1995	1996	1997	1999	2004
	84	89	81	86	82	83	92
가	271	308	321	337	345	362	485
	866	934	1,142	1,180	1,413	1,084	1,276
	33	16	14	15	15	15	17
	1,254	1,347	1,558	1,618	1,855	1,544	1,870

: (2000)

가 1997 2004 100,000ha 2004 170kg/ 10a (Table 11).

Table 11.

	1990	1995	1996	1997	1999	2004
(10 ³ ha)	152	105	98	100	87	100
(kg/ 10a)	153	152	163	157	133	170
(10 ³ tons)	233	160	160	156	116	170

: (, 2000)

2004 (Table 12) 1,700,000 1,870,000 ,
 170,000 , 9.1% 가 (Table 13).
 1995 . 160,000
 가 , 가 . 가
 1999 116,000 , 2004 170,000
 가 .

Table 12.

(:)

	1996	1997	1998	1999	2000
	1,063,815	1,300,631	1,381,619	1,294,776	1,320,117
	19	24,265	14,744	39,992	43,440
	105,250	218,817	31,338	104,467	125,204
	18	2,339	4,140	1,368	1,587
	4	6	3	3	22
	-	-	-	220	1,821

Table 13.

(:10³)

	1990	1994	1995	1996	1997	1999	2004
	233	154	160	160	156	116	170
	1,092	1,299	1,435	1,467	1,628	1,495	1,700
	1,254	1,347	1,558	1,618	1,855	1,544	1,870
	196	231	262	271	274	250	250
(%)	18.6	11.4	10.3	9.9	8.5	7.5	9.1

: (, 2000)