

2/4 27
 , 가 FOB Bulk Vancouver 121
 FOB Bulk US Gulf 1/4 113 2/4 94 가 3/4
 , 4/4 132

가 (: /MT)								
	1992				1993			
	3	6	9	12	3	6	9	12
	43	43	43	43	43	43	37	37
가	110	110	115	115	121	121	121	121
	113	113	76	76	113	94	107	132
	57	49	49	39	33	27	28	29

(:)					
	1991	1992	1993	1994	1995
	123	211	286	300	251
	54	20	90	50	50
	-	31	50	50	50
	177	262	426	400	351

1975 1977 가 100
 , 가 82 170 88 200
 .
 75 57 77 72 , 81 100
 가 82 110 ~120 , 96 150

가 (: 1000M/T)			
		1992	1993
	CIS	161	160
		90	28
		283	331
		33	60
		4	-
		-	10
		-	34
	&	-	36
		571	659
		1,167	1,099
		125	141
		138	141
		140	174
		1,570	1,555
가	CIS	305	319
		108	52
		194	155
		-	27
		607	553
		34	-
		448	345
		482	345

가
 75 30% 79
 50% 85 67.8% 가 81
 61%
 가
 가
 3
 가
 가
 16-20-0 가
 가가
 가

	()	(ha)	1 (ha)	()	1 (kg)	(t/ha)	3 ()	1 3 (kg)
1950	25.1	6.01	0.24	6.31	251	1.05	1,400	5.6
1960	30.3	6.82	0.23	8.63	285	1.26	2,850	9.4
1970	36.8	7.04	0.19	11.37	307	1.62	6,826	18.5
1980	44.2	7.58	0.17	14.32	324	1.89	11,300	25.6
2000	62.4	8.28	0.13	20.22	324	2.44	26,370	42.3

가 , 가가

가 , 2000 19 가 3 50 ~ 80

8 , 1 80 5 , 2000 7 가 1

1.3 2000

2 ~ 3 50 가 , 1 2000

가 60 ~ 90 4 가가

가 가

가

2000

가

가 ,
가

		(: M/T)			
		1987	1989	1990	1991
		64,972	69,683	63,537	67,642
		1,893,078	1,856,887	1,935,010	1,877,071
		1,119,466	1,114,912	1,155,516	1,121,343
		3,077,816	3,041,482	3,154,063	3,066,056
		1,067,890	1,082,261	1,135,555	1,076,883
		265,959	227,167	221,436	192,528
		302,238	301,142	327,002	326,485
		568,197	528,309	548,438	519,013
		1,673,954	1,668,122	1,729,003	1,727,684
		302,238	301,143	327,002	326,485
		1,371,716	1,366,980	1,402,001	1,401,199
		+			
		1,939,913	1,895,289	1,950,439	1,920,212
		+ +			
		3,007,803	2,977,550	3,085,994	2,997,095
		330	395	427	379
		69,683	63,537	67,642	68,582
가		780,325	772,149	816,387	819,492
		399,950	387,357	339,215	333,882
		39,429	39,881	41,868	41,674
		174,771	184,055	191,297	192,849
		14,880	15,153	16,621	15,070
		5,117	4,999	5,494	5,127
		-	-	-	-
		19,485	15,638	17,209	15,563
		3,876	3,363	3,855	3,521
		63(8,678)	94(8,119)	-(7,932)	-(8,705)
		236,058(44,624)	245,433(49,408)	241,284(51,704)	241,799(48,545)
		493,679(53,302)	508,616(57,527)	517,628(59,636)	515,603(57,250)
		1,673,954	1,668,122	1,673,230	1,668,977

) ()

83 455 93 219 46% , 396
125 31%

가

92 6 203 8000
 198 3000
 91 187 7000 , 180 4000 , 7 3000
 3% 가 () 91%
 가 . 91 3000
 가 0.2% 가 .
 92 183 2000 5.6% 가
 가 .

(: P ₂ O ₅ 1000M/T)												
	1990				1991				1992			
	65.1	64.7	-	9.6	60.8	60.6	-	9.8	56.3	55.9	-	10.2
	1.5	1.6	-	0.3	1.3	1.4	-	0.3	1.2	1.3	-	0.3
	58.0	66.1	-	16.1	62.6	60.9	-	17.8	62.5	59.7	0.2	20.4
	46.7	46.7	-	10.4	44.6	45.2	-	9.9	46.4	43.9	-	12.3
	281.5	262.4	21.0	67.7	268.8	245.3	29.0	62.2	256.4	231.9	28.0	58.7
	14.9	12.5	6.1	4.9	12.1	12.8	0.2	4.0	13.7	13.7	0.4	3.6
	0.8	0.8	-	0.1	0.8	0.8	-	0.1	0.8	0.8	-	0.1
	19.5	19.0	-	5.5	17.4	17.6	-	5.3	17.5	17.8	-	5.0
	488.0	473.8	27.1	114.6	468.4	444.6	29.2	109.4	454.8	425.0	28.6	110.6
	234.8	229.5	-	13.6	219.2	225.0	-	7.8	247.6	247.9	-	7.6
	24.9	24.8	-	1.0	20.7	20.5	-	1.2	21.7	22.3	-	0.6
	747.8	728.1	27.1	129.2	708.3	690.1	29.2	118.4	724.1	695.2	28.6	118.7

가 가
 가 . 93 3 5 5 가 116
 가 26.2%
 25.0%
 91 0.6% 가
 87 88 5% , 89 가, 90 5%
 가 가 가
 가 가
 1 가 200 2 30%
 91
 30% 가