

Supplementary Table 1. List of 297 rice varieties bred in Korea from 1979 to 2017.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G1	Sobaegbyeo	<i>japonica</i>	E	1982	Suwon	-1.27	-0.25
G2	Odaebyeo	<i>japonica</i>	E	1982	Suwon	0.19	1.05
G3	Unbongbyeo	<i>japonica</i>	E	1985	Unbong	0.17	0.38
G4	Geumobyeo	<i>japonica</i>	E	1988	Suwon	0.40	0.55
G5	Jinmibyeo	<i>japonica</i>	E	1989	Suwon	-0.02	0.31
G6	Obongbyeo	<i>japonica</i>	E	1989	Jinbu	0.09	0.01
G7	Namwonbyeo	<i>japonica</i>	E	1989	Unbong	-0.02	-0.07
G8	Jinbuchalbyeo	<i>japonica</i>	E	1990	Jinbu	0.28	0.26
G9	Jinbubyeo	<i>japonica</i>	E	1991	Jinbu	0.26	0.49
G10	Jinbuolbyeo	<i>japonica</i>	E	1991	Jinbu	0.16	-0.80
G11	Sinunbongbyeo	<i>japonica</i>	E	1991	Unbong	-0.33	-0.11
G12	Sangjubyeo	<i>japonica</i>	E	1991	Suwon	0.09	0.28
G13	Dunnaebyeo	<i>japonica</i>	E	1992	Jinbu	0.65	0.40
G14	Joryeongbyeo	<i>japonica</i>	E	1992	Miryang	-0.01	-0.45
G15	Unjangbyeo	<i>japonica</i>	E	1994	Unbong	-0.10	0.02
G16	Samcheonbyeo	<i>japonica</i>	E	1995	Unbong	0.17	1.22
G17	Junghwabyeo	<i>japonica</i>	E	1995	Suwon	0.50	-0.39
G18	Kuemobyeo	<i>japonica</i>	E	1996	Miryang	-1.41	0.04
G19	Gurubyeo	<i>japonica</i>	E	1997	Suwon	-0.10	0.36
G20	Heukjinjubyeo	<i>japonica</i>	E	1997	Suwon	0.02	1.63
G21	Sangjuchalbyeo	<i>japonica</i>	E	1997	Suwon	0.02	0.54
G22	Undoobyeo	<i>japonica</i>	E	1998	Jinbu	0.33	1.13
G23	Mananbyeo	<i>japonica</i>	E	1998	Miryang	-0.36	0.19
G24	Jeogjinju	<i>japonica</i>	E	2000	Suwon	0.00	0.34
G25	Taebong	<i>japonica</i>	E	2000	Cheorwon	-0.11	0.39
G26	Jungsan	<i>japonica</i>	E	2000	Suwon	-0.17	1.39
G27	Saesangju	<i>japonica</i>	E	2001	Suwon	0.49	1.02
G28	Manchu	<i>japonica</i>	E	2001	Iksan	-0.09	0.22
G29	Manho	<i>japonica</i>	E	2002	Iksan	0.13	0.81
G30	Namil	<i>japonica</i>	E	2002	Suwon	0.08	0.16
G31	Joan	<i>japonica</i>	E	2003	Suwon	-0.10	-0.28
G32	Heugkwang	<i>japonica</i>	E	2003	Suwon	-1.28	0.49
G33	Goun	<i>japonica</i>	E	2004	Jinbu	0.09	-0.33
G34	Unkwang	<i>japonica</i>	E	2004	Unbong	-0.13	0.18
G35	Josaengheugchal	<i>japonica</i>	E	2004	Miryang	-0.02	-0.96
G36	Odaelho	<i>japonica</i>	E	2005	Jinbu	0.42	0.39
G37	Sinunbong1	<i>japonica</i>	E	2005	Unbong	0.01	0.03
G38	Manna	<i>japonica</i>	E	2005	Iksan	-0.47	-0.16
G39	Keumo3	<i>japonica</i>	E	2005	Miryang	-0.03	0.12
G40	Hwangkeumbora	<i>japonica</i>	E	2006	Unbong	0.35	0.64
G41	Sandeuljinmi	<i>japonica</i>	E	2006	Suwon	-0.07	0.43
G42	Pyeongwon	<i>Japonica</i>	E	2007	Cheorwon	0.08	-0.42
G43	Unmi	<i>japonica</i>	E	2007	Unbong	-0.02	-0.88

Supplementary Table 1. Continued.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G43	Unmi	<i>japonica</i>	E	2007	Unbong	-0.02	-0.88
G44	Handeul	<i>japonica</i>	E	2007	Suwon	0.30	-0.46
G45	Jogwang	<i>japonica</i>	E	2007	Miryang	0.00	0.40
G46	BoSeog	<i>japonica</i>	E	2008	Unbong	0.28	0.69
G47	Joami	<i>japonica</i>	E	2008	Suwon	0.48	0.27
G48	Hanseol	<i>japonica</i>	E	2009	Jinbu	0.05	0.33
G49	Joun	<i>japonica</i>	E	2009	Cheorwon	-0.04	-0.22
G50	Geumyoung	<i>japonica</i>	E	2009	Suwon	0.67	-0.37
G51	Manjong	<i>japonica</i>	E	2009	Miryang	-0.63	-0.66
G52	Wolbaek	<i>japonica</i>	E	2010	Cheorwon	0.60	-0.04
G53	Seolbaek	<i>japonica</i>	E	2010	Cheorwon	0.37	-0.38
G54	Jopyeong	<i>japonica</i>	E	2010	Unbong	-0.10	-0.06
G55	Jeogjinjuchal	<i>japonica</i>	E	2010	Suwon	-1.15	-0.09
G56	Cheongbaekchal	<i>japonica</i>	E	2010	Cheorwon	-0.15	-0.05
G57	Seolemi	<i>japonica</i>	E	2011	Suwon	0.49	-0.01
G58	Joeunheukmi	<i>japonica</i>	E	2011	Cheorwon	0.30	-0.05
G59	Saeodae	<i>japonica</i>	E	2012	Cheorwon	0.12	-0.50
G60	Jinseolchal	<i>japonica</i>	E	2012	Jinbu	0.38	0.40
G61	Jungmo1024ho	<i>japonica</i>	E	2012	Suwon	-0.15	0.50
G62	Sanhomi	<i>japonica</i>	E	2012	Suwon	0.30	-0.49
G63	Hwawang	<i>japonica</i>	E	2012	Miryang	0.01	0.09
G64	Nunkeunheugchal	<i>japonica</i>	E	2012	Miryang	0.41	-0.57
G65	Asemi	<i>japonica</i>	E	2013	Suwon	-0.13	-0.01
G66	Ondami	<i>japonica</i>	E	2013	Suwon	0.32	-0.12
G67	Jungmo1032	<i>japonica</i>	E	2013	Miryang	-0.66	-0.77
G68	Jinok	<i>japonica</i>	E	2013	Jinbu	0.19	0.31
G69	Baegilmi	<i>japonica</i>	E	2014	Suwon	-0.44	-1.40
G70	Asemi lho	<i>japonica</i>	E	2014	Suwon	0.15	0.75
G71	Haedamssal	<i>japonica</i>	E	2014	Miryang	0.09	-0.16
G72	Nunkeunheugchal lho	<i>japonica</i>	E	2014	Miryang	0.04	0.06
G73	unilchal	<i>japonica</i>	E	2014	Unbong	0.00	-0.32
G74	Jungmo1043	<i>japonica</i>	E	2014	Suwon	-0.15	-0.08
G75	Jinhan	<i>japonica</i>	E	2015	Jinbu	0.36	-0.55
G76	Jopum	<i>japonica</i>	E	2015	Cheorwon	0.16	-0.91
G77	Joil	<i>japonica</i>	E	2015	Iksan	-0.21	-0.29
G78	Danpyeng	<i>japonica</i>	E	2015	Miryang	-0.26	-1.05
G79	Unbaekchal	<i>japonica</i>	E	2015	Unbong	-0.17	-0.40
G80	Jinkwang	<i>japonica</i>	E	2016	Suwon	-0.57	-0.57
G81	Seongsan	<i>japonica</i>	E	2016	Suwon	0.22	0.33
G82	Jonong	<i>japonica</i>	E	2016	Iksan	-0.63	-1.02
G83	Shinpyeong	<i>japonica</i>	E	2016	Miryang	0.19	-1.15
G84	CW92MR	<i>japonica</i>	E	2016	Cheorwon	0.26	-0.78
G85	Haedeul	<i>japonica</i>	E	2017	Suwon	-0.15	-0.19

Supplementary Table 1. Continued.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G86	IS592BB	<i>japonica</i>	E	2017	Iksan	-0.74	-0.03
G87	Sinseonchalbyeo	<i>japonica</i>	M	1982	Iksan	-0.46	-0.95
G88	Gihobyeo	<i>japonica</i>	M	1983	Suwon	-0.39	-0.27
G89	Hwaseongbyeo	<i>japonica</i>	M	1985	Suwon	-0.36	-0.26
G90	Yeongdeogbyeo	<i>japonica</i>	M	1985	Yeongdeok	-0.06	0.13
G91	Palgongbyeo	<i>japonica</i>	M	1986	Miryang	0.02	0.36
G92	Hwajinbyeo	<i>japonica</i>	M	1988	Suwon	0.15	-0.25
G93	Sangnambatbyeo	<i>japonica</i>	M	1988	Miryang	0.19	0.15
G94	Jannganbyeo	<i>japonica</i>	M	1989	Namyang	-0.05	-0.10
G95	Seoanbyeo	<i>japonica</i>	M	1990	Namyang	-0.07	-0.31
G96	Hwayeongbyeo	<i>japonica</i>	M	1991	Miryang	-0.01	0.02
G97	Hwaseonchalbyeo	<i>japonica</i>	M	1992	Suwon	0.27	-0.03
G98	Gancheokbyeo	<i>japonica</i>	M	1992	Gyehwa	0.18	-0.40
G99	Hwajungbyeo	<i>japonica</i>	M	1993	Suwon	-0.11	-1.16
G100	Daeripbyeol	<i>japonica</i>	M	1993	Suwon	-0.65	-0.31
G101	Nonganbyeo	<i>japonica</i>	M	1993	Suwon	0.41	-1.23
G102	Juanbyeo	<i>japonica</i>	M	1994	Suwon	-0.37	-0.21
G103	Keumobyeol	<i>japonica</i>	M	1995	Miryang	0.11	-0.81
G104	Naepungbyeo	<i>japonica</i>	M	1995	Yeongdeok	0.97	-1.01
G105	Daejinbyeo	<i>japonica</i>	M	1996	Suwon	-0.19	-0.54
G106	Surabyeo	<i>japonica</i>	M	1998	Suwon	-0.29	-0.49
G107	Hwabong	<i>japonica</i>	M	1998	Miryang	0.14	-0.17
G108	Jinpum	<i>japonica</i>	M	1999	Suwon	0.08	0.33
G109	Sobi	<i>japonica</i>	M	1999	Iksan	-0.80	-0.21
G110	Seolhyangchal	<i>japonica</i>	M	1999	Suwon	-0.18	-0.63
G111	Sampyeong	<i>japonica</i>	M	2000	Suwon	-0.37	0.23
G112	Hwaan	<i>japonica</i>	M	2000	Suwon	-0.20	0.20
G113	Manpung	<i>japonica</i>	M	2000	Iksan	-0.05	-0.13
G114	Haepyeong	<i>japonica</i>	M	2000	Yeongdeok	-0.24	-0.24
G115	Saegyewha	<i>japonica</i>	M	2001	Gyehwa	-0.05	0.03
G116	Manwol	<i>japonica</i>	M	2001	Miryang	-0.36	-0.77
G117	Yeongan	<i>japonica</i>	M	2001	Miryang	0.35	0.81
G118	Geuman	<i>japonica</i>	M	2002	Suwon	-0.30	-0.08
G119	Daepyeong	<i>japonica</i>	M	2002	Iksan	-0.24	0.21
G120	Samdeog	<i>japonica</i>	M	2002	Yeongdeok	0.11	-0.18
G121	Pungmi	<i>japonica</i>	M	2004	Yeongdeok	-0.30	-1.11
G122	Boseogchal	<i>japonica</i>	M	2004	Iksan	-0.27	-0.55
G123	Haepyeongchal	<i>japonica</i>	M	2004	Yeongdeok	-0.23	-0.10
G124	Seoanlho	<i>japonica</i>	M	2005	Namyang	-0.08	-0.24
G125	Geunnun	<i>japonica</i>	M	2005	Suwon	-0.25	-0.45
G126	Cheonga	<i>japonica</i>	M	2006	Suwon	-0.16	-0.79
G127	Gangbaek	<i>japonica</i>	M	2006	Iksan	-0.29	-0.23
G128	Haechanmulgyeol	<i>japonica</i>	M	2006	Gyehwa	-0.16	0.06

Supplementary Table 1. Continued.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G129	Donghaejinmi	<i>japonica</i>	M	2006	Yeongdeok	-0.38	0.08
G130	Cheongdam	<i>japonica</i>	M	2006	Suwon	-0.46	0.24
G131	HONGJINJU	<i>japonica</i>	M	2006	Suwon	0.17	0.32
G132	Nunbora	<i>japonica</i>	M	2006	Iksan	-0.29	0.13
G133	Cheongan	<i>japonica</i>	M	2007	Suwon	-0.89	-0.55
G134	Borami	<i>japonica</i>	M	2007	Miryang	-0.38	0.21
G135	Goami3	<i>japonica</i>	M	2007	Suwon	-0.49	-0.31
G136	Heugseol	<i>japonica</i>	M	2007	Suwon	-0.54	-0.91
G137	Heaoreumi	<i>japonica</i>	M	2008	Yeongdeok	-0.39	-0.23
G138	Boseogheugchal	<i>japonica</i>	M	2008	Suwon	0.01	0.03
G139	Migwang	<i>japonica</i>	M	2009	Suwon	-0.10	-0.02
G140	Cheongnam	<i>japonica</i>	M	2009	Miryang	-0.12	-0.44
G141	Suryeojinmi	<i>japonica</i>	M	2010	Suwon	-0.27	-0.17
G142	Gangchan	<i>japonica</i>	M	2010	Suwon	-0.21	-0.40
G143	Suan	<i>japonica</i>	M	2010	Iksan	-0.39	-0.42
G144	Shinbaeg	<i>japonica</i>	M	2010	Miryang	-0.11	-0.03
G145	Dongbo	<i>japonica</i>	M	2010	Yeongdeok	-0.50	-0.87
G146	Jungsaenggold	<i>japonica</i>	M	2011	Suwon	-0.06	0.10
G147	Seonhyangheukmi	<i>japonica</i>	M	2011	Suwon	0.24	-0.46
G148	Daebo	<i>japonica</i>	M	2011	Yeongdeok	-0.31	0.27
G149	Geonyang2	<i>japonica</i>	M	2012	Miryang	-0.41	1.36
G150	Dabo	<i>japonica</i>	M	2012	Yeongdeok	-0.49	0.09
G151	Dodamssal	<i>japonica</i>	M	2013	Miryang	-0.82	-0.18
G152	Bodrami	<i>japonica</i>	M	2013	Suwon	-0.07	-0.32
G153	Sinbo	<i>japonica</i>	M	2013	Yeongdeok	-0.46	0.22
G154	Jungmo1034	<i>japonica</i>	M	2013	Miryang	-0.38	-0.58
G155	Haepum	<i>japonica</i>	M	2013	Iksan	-0.01	0.21
G156	Seonpum	<i>japonica</i>	M	2014	Suwon	-0.28	-0.04
G157	Youngbo	<i>japonica</i>	M	2014	Yeongdeok	-0.16	-0.02
G158	Samkwang1ho	<i>japonica</i>	M	2015	Suwon	-0.22	0.08
G159	Cheongpum	<i>japonica</i>	M	2015	Suwon	-0.38	0.22
G160	Sangbo	<i>japonica</i>	M	2015	Yeongdeok	-0.12	0.11
G161	Heuginmi	<i>japonica</i>	M	2015	Miryang	0.73	-0.47
G162	Boramchal	<i>japonica</i>	M	2015	Iksan	-0.53	0.11
G163	Jeogjinju2	<i>japonica</i>	M	2017	Miryang	0.08	0.26
G164	Dongjinbyeo	<i>japonica</i>	ML	1981	Iksan	-0.12	0.50
G165	Daecheongbyeo	<i>japonica</i>	ML	1984	Iksan	-0.25	0.39
G166	Tamjinbyeo	<i>japonica</i>	ML	1988	Iksan	-0.48	0.67
G167	Gyehwabyeo	<i>japonica</i>	ML	1989	Gyehwa	-0.17	0.23
G168	Ilpumbyeo	<i>japonica</i>	ML	1990	Suwon	0.19	0.69
G169	Mangeumbyeo	<i>japonica</i>	ML	1991	Iksan	0.02	0.47
G170	Hwanambyeo	<i>japonica</i>	ML	1993	Miryang	0.41	0.33
G171	Daeanbyeo	<i>japonica</i>	ML	1994	Suwon	-0.17	1.15

Supplementary Table 1. Continued.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G172	Yangjobyeo	<i>japonica</i>	ML	1994	Iksan	-0.29	0.41
G173	Hwasinbyeo	<i>japonica</i>	ML	1995	Iksan	0.21	1.97
G174	Hyangnambyeo	<i>japonica</i>	ML	1995	Iksan	-0.10	0.23
G175	Ilmibyeo	<i>japonica</i>	ML	1995	Miryang	-0.15	0.54
G176	Donganbyeo	<i>japonica</i>	ML	1996	Iksan	-0.15	0.59
G177	Hwasambyeo	<i>japonica</i>	ML	1996	Miryang	-0.20	0.15
G178	Daesanbyeo	<i>japonica</i>	ML	1996	Miryang	0.05	0.66
G179	Nampyeongbyeo	<i>japonica</i>	ML	1997	Iksan	-0.21	0.39
G180	Heugnambyeo	<i>japonica</i>	ML	1997	Iksan	0.37	0.42
G181	Aranghyangchalbyeo	<i>japonica</i>	ML	1997	Miryang	-0.17	0.55
G182	Hoanbyeo	<i>japonica</i>	ML	1998	Iksan	0.14	0.11
G183	Dongjinchalbyeo	<i>japonica</i>	ML	1998	Iksan	0.25	0.02
G184	Mihyangbyeo	<i>japonica</i>	ML	1998	Iksan	0.02	0.16
G185	Sindongjin	<i>japonica</i>	ML	1999	Iksan	0.47	0.50
G186	Sujin	<i>japonica</i>	ML	1999	Miryang	-0.02	0.05
G187	Hojin	<i>japonica</i>	ML	2000	Iksan	-0.03	0.15
G188	Heughyang	<i>japonica</i>	ML	2000	Iksan	0.17	-0.77
G189	Junam	<i>japonica</i>	ML	2000	Miryang	0.17	-0.21
G190	Goami	<i>japonica</i>	ML	2000	Miryang	-0.27	-0.21
G191	Dongjin1ho	<i>japonica</i>	ML	2001	Iksan	-0.38	-0.42
G192	Baegjinju	<i>japonica</i>	ML	2001	Suwon	0.02	-0.65
G193	Seolgaeng	<i>japonica</i>	ML	2001	Suwon	0.23	-0.03
G194	Goami2	<i>japonica</i>	ML	2002	Suwon	1.03	-0.16
G195	Manmi	<i>japonica</i>	ML	2002	Miryang	0.11	-0.24
G196	Samkwang	<i>japonica</i>	ML	2003	Suwon	0.11	-0.06
G197	Hopyung	<i>japonica</i>	ML	2003	Iksan	-0.02	-0.25
G198	Seopyeong	<i>japonica</i>	ML	2003	Gyehwa	-0.08	-0.26
G199	Hwarang	<i>japonica</i>	ML	2003	Miryang	0.19	-0.34
G200	Gopum	<i>japonica</i>	ML	2004	Suwon	0.17	-0.90
G201	Cheongho	<i>japonica</i>	ML	2004	Gyehwa	0.05	-0.12
G202	Hanmauem	<i>japonica</i>	ML	2004	Iksan	-0.06	-0.74
G203	Pungmi1	<i>japonica</i>	ML	2005	Miryang	-0.16	-0.65
G204	Onnuri	<i>japonica</i>	ML	2005	Iksan	0.02	-1.33
G205	Hanam	<i>japonica</i>	ML	2005	Miryang	0.31	-0.64
G206	Dongjin2	<i>japonica</i>	ML	2005	Iksan	0.35	-0.47
G207	Baegjinju1ho	<i>japonica</i>	ML	2005	Suwon	0.34	-0.27
G208	Hwangkeumnuri	<i>japonica</i>	ML	2006	Iksan	-0.33	-0.58
G209	Dami	<i>japonica</i>	ML	2006	Iksan	0.39	-0.52
G210	Malgeumi	<i>japonica</i>	ML	2006	Miryang	0.35	0.48
G211	Hopum	<i>japonica</i>	ML	2006	Iksan	0.48	-0.31
G212	Saenuri	<i>japonica</i>	ML	2007	Iksan	0.14	0.20
G213	Chilbo	<i>japonica</i>	ML	2007	Yeongdeok	-0.02	-0.30
G214	Hwanggeumnodeul	<i>japonica</i>	ML	2007	Iksan	0.57	0.01

Supplementary Table 1. Continued.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G215	Baegseolchal	<i>japonica</i>	ML	2007	Iksan	0.08	-0.03
G216	Cheongcheongjinmi	<i>japonica</i>	ML	2008	Suwon	-0.22	0.55
G217	Jinbaek	<i>japonica</i>	ML	2008	Iksan	-0.32	-0.32
G218	Dacheong	<i>japonica</i>	ML	2008	Iksan	0.15	-0.33
G219	Jinsumi	<i>japonica</i>	ML	2008	Miryang	0.33	0.20
G220	Jungmo1006	<i>japonica</i>	ML	2008	Miryang	0.24	0.74
G221	Deuraechan	<i>japonica</i>	ML	2008	Iksan	0.91	0.28
G222	Haiami	<i>japonica</i>	ML	2008	Suwon	0.11	0.88
G223	Baegokchal	<i>japonica</i>	ML	2008	Miryang	0.51	0.35
G224	Danmi	<i>japonica</i>	ML	2008	Miryang	-0.02	0.79
G225	Cheonghaejinmi	<i>japonica</i>	ML	2009	Suwon	0.55	-0.11
G226	Honong	<i>japonica</i>	ML	2009	Iksan	0.10	0.17
G227	Seomyeong	<i>japonica</i>	ML	2009	Gyehwa	0.47	0.36
G228	Younghojinmi	<i>japonica</i>	ML	2009	Miryang	0.06	-0.44
G229	Jinbo	<i>japonica</i>	ML	2009	Yeongdeok	0.18	0.09
G230	Goami4	<i>japonica</i>	ML	2009	Suwon	0.56	0.46
G231	Boramchan	<i>japonica</i>	ML	2009	Iksan	0.19	0.45
G232	Anmi	<i>japonica</i>	ML	2010	Suwon	0.02	0.57
G233	Mipum	<i>japonica</i>	ML	2010	Iksan	-0.12	0.27
G234	Chinnong	<i>japonica</i>	ML	2010	Iksan	0.03	0.34
G235	Geonganghongmi	<i>japonica</i>	ML	2010	Miryang	0.66	1.12
G236	Sodami	<i>japonica</i>	ML	2011	Iksan	-0.07	-0.38
G237	Sukwang	<i>japonica</i>	ML	2011	Iksan	0.33	0.65
G238	Huimangchan	<i>japonica</i>	ML	2011	Iksan	0.55	0.75
G239	Geonyangmi	<i>japonica</i>	ML	2011	Suwon	0.38	0.01
G240	Saeilmi	<i>japonica</i>	ML	2011	Miryang	-0.26	0.30
G241	Saegoami	<i>japonica</i>	ML	2011	Miryang	0.09	-0.02
G242	Cheongun	<i>japonica</i>	ML	2012	Suwon	0.30	0.35
G243	Hyeonpum	<i>japonica</i>	ML	2012	Iksan	0.24	0.06
G244	Chindeul	<i>japonica</i>	ML	2012	Iksan	0.42	0.08
G245	Heugsujeong	<i>japonica</i>	ML	2012	Iksan	0.43	-0.52
G246	Misomi	<i>japonica</i>	ML	2013	Suwon	0.23	-0.13
G247	Anbaek	<i>japonica</i>	ML	2014	Iksan	0.18	0.00
G248	Manbaek	<i>japonica</i>	ML	2014	Iksan	0.19	-0.34
G249	Saesin	<i>japonica</i>	ML	2014	Miryang	0.21	-0.61
G250	Cheonghyangheukmi	<i>japonica</i>	ML	2015	Iksan	-0.09	-0.94
G251	Sinjinbaek	<i>japonica</i>	ML	2016	Iksan	-0.35	-0.45
G252	Youngjin	<i>japonica</i>	ML	2016	Miryang	0.12	-0.25
G253	Saechilbo	<i>japonica</i>	ML	2016	Yeongdeok	-0.02	-0.02
G254	Miho	<i>japonica</i>	ML	2016	Miryang	0.04	-0.32
G255	Aromi	<i>japonica</i>	ML	2016	Miryang	-0.12	0.20
G256	Hangaru	<i>japonica</i>	ML	2016	Suwon	0.07	0.22
G257	MY298BB	<i>japonica</i>	ML	2016	Miryang	0.09	0.51

Supplementary Table 1. Continued.

No.	Variety	Type	Maturity ^z	Year released	Origin	DTH IPC1	CL IPC1
G258	MY299BK	<i>japonica</i>	ML	2016	Miryang	0.32	0.48
G259	Yechan	<i>japonica</i>	ML	2017	Iksan	0.52	-0.12
G260	Saeilpum	<i>japonica</i>	ML	2017	Suwon	0.50	0.56
G261	Keunpum	<i>japonica</i>	ML	2017	Suwon	0.07	0.41
G262	Misiru	<i>japonica</i>	ML	2017	Suwon	-0.23	0.32
G263	Taebaekbyeo	Tongil	E	1979	Suwon	0.69	-0.74
G264	Cheongcheongbyeo	Tongil	M	1979	Miryang	0.96	0.41
G265	Samgangbyeo	Tongil	M	1982	Miryang	1.05	1.51
G266	Jungwonbyeo	Tongil	M	1984	Suwon	1.01	1.03
G267	Yongmunbyeo	Tongil	M	1985	Suwon	1.05	0.46
G268	Dasanbyeo	Tongil	M	1995	Suwon	0.21	0.15
G269	Namcheonbyeo	Tongil	M	1995	Miryang	0.83	1.31
G270	Andabyeo	Tongil	M	1998	Suwon	0.49	0.93
G271	Areumbyeo	Tongil	M	1999	Miryang	0.96	1.16
G272	Hanareum	Tongil	M	2002	Miryang	1.02	0.71
G273	DASAN1HO	Tongil	M	2006	Suwon	0.63	0.60
G274	Keunseom	Tongil	M	2006	Miryang	0.76	0.52
G275	Hangangchal1	Tongil	M	2006	Miryang	0.82	0.14
G276	Dasan2	Tongil	M	2009	Suwon	0.34	-0.10
G277	Hanareum2	Tongil	M	2010	Miryang	0.56	1.33
G278	Palbangmi	Tongil	M	2012	Suwon	0.28	0.27
G279	Mimyeon	Tongil	M	2012	Miryang	0.70	-0.72
G280	Saemimyeon	Tongil	M	2014	Miryang	0.55	2.04
G281	Hanareumchal	Tongil	M	2015	Miryang	0.51	1.12
G282	Singil	Tongil	M	2017	Miryang	0.87	1.22
G283	Hangangchalbyeo	Tongil	ML	1979	Suwon	-1.31	-0.50
G284	Nampungbyeo	Tongil	ML	1981	Suwon	-0.94	-0.87
G285	Jangseongbyeo	Tongil	ML	1985	Iksan	-1.14	-0.32
G286	Hyangmibyeo1	Tongil	ML	1993	Suwon	-1.57	-1.12
G287	Nokyang	Tongil	ML	2006	Suwon	-1.34	-1.24
G288	Segyejinmi	Tongil	ML	2009	Miryang	-1.10	-0.58
G289	Hanareum3ho	Tongil	ML	2015	Miryang	-0.72	-0.58
G290	Hanareum4	Tongil	ML	2016	Miryang	-0.88	-0.77
G291	Geumgang1	Tongil	ML	2017	Miryang	-0.72	-1.07
G292	Mogwoo	Tongil	ML	2009	Suwon	-0.25	-2.14
G293	Mogyang	Tongil	ML	2010	Suwon	-0.34	0.27
G294	Nokwoo	Tongil	ML	2014	Suwon	-0.63	1.17
G295	Yeongwoo	Tongil	ML	2015	Suwon	0.07	-0.18
G296	Cheongwoo	Tongil	ML	2016	Suwon	-0.18	-0.59
G297	Miwoo	Tongil	ML	2017	Suwon	-1.07	-0.26

^zE: early maturing, M: medium maturing, ML: mid-late maturing, DTH: days to heading, CL: culm length, IPC: interaction principle component in AMMI biplot