

Table S1 The list of 301 accessions and their locations, DTF, PSI, BVP, panicle number, tiller number and grain yield

Accession	Province	Part of Thailand	DTF	BVP	PSI	panicle number	tiller number	GY (g/m ²)
ULR001	Phitsanulok	Northern	108	20	0.6	11.6	14.3	71.3
ULR002	Phitsanulok	Northern	109	32	0.5	11.5	12.4	121.5
ULR003	Khon Kaen	Northeastern	101	24	0.4	16.6	18.0	99.9
ULR005	Phetchabun	Central	99	23	0.6	16.5	15.5	265.3
ULR006	Phetchabun	Central	104	26	0.6	13.5	12.9	164.8
ULR007	Phetchabun	Central	100	26	0.5	12.8	16.8	320.9
ULR008	Khon Kaen	Northeastern	104	25	0.4	19.1	19.8	115.4
ULR009	Chiang Mai	Northeastern	91	19	0.2	19.5	18.8	151.4
ULR010	Phetchabun	Central	91	43	0.3	14.8	15.6	450.1
ULR013	Phetchabun	Central	101	26	0.6	9.9	9.0	168.3
ULR014	Loei	Northeastern	109	14	0.7	21.8	21.6	43.2
ULR017	Phetchabun	Central	104	27	0.6	11.0	11.4	155.3
ULR018	Phitsanulok	Northern	105	18	0.7	16.0	19.0	296.8
ULR020	Loei	Northeastern	102	26	0.6	12.3	13.1	198.0
ULR021	Khon Kaen	Northeastern	100	24	0.6	11.9	15.0	151.6
ULR022	Loei	Northeastern	102	25	0.6	13.6	15.1	84.4
ULR023	Phitsanulok	Northern	102	21	0.5	10.4	10.9	254.5
ULR024	Phitsanulok	Northern	104	23	0.6	9.4	9.4	169.7
ULR026	Phitsanulok	Northern	98	33	0.4	19.6	21.5	311.2
ULR027	Phitsanulok	Northern	124	23	0.8	8.5	11.5	0.0
ULR031	Phitsanulok	Northern	111	26	0.7	13.1	14.6	103.4
ULR032	Phitsanulok	Northern	94	34	0.3	15.0	17.3	261.1
ULR034	Loei	Northeastern	101	22	0.6	13.1	16.3	251.5
ULR035	Phitsanulok	Northern	104	25	0.6	12.9	11.8	207.1
ULR036	Loei	Northeastern	103	22	0.6	17.5	19.8	394.9
ULR037	Phitsanulok	Northern	92	43	0.3	18.6	14.8	198.5
ULR038	Phitsanulok	Northern	107	24	0.7	13.8	14.4	235.6
ULR039	Phitsanulok	Northern	102	24	0.5	14.0	14.3	419.6
ULR040	Phitsanulok	Northern	104	24	0.6	16.1	16.0	191.5
ULR042	Phitsanulok	Northern	107	12	0.8	11.4	13.9	114.2
ULR043	Phitsanulok	Northern	109	14	0.8	20.4	19.4	140.2
ULR044	Phitsanulok	Northern	103	18	0.6	16.9	17.1	211.2
ULR046	Phitsanulok	Northern	106	26	0.7	10.3	11.3	199.9

ULR047	Loei	Northeastern	102	23	0.6	7.6	11.6	42.7
ULR048	Phitsanulok	Northern	108	26	0.5	10.5	12.3	109.9
ULR049	Phitsanulok	Northern	96	24	0.6	10.8	10.8	292.3
ULR052	Phitsanulok	Northern	115	12	0.8	10.6	14.5	150.6
ULR053	Phitsanulok	Northern	101	29	0.6	15.8	14.1	194.7
ULR054	Phitsanulok	Northern	104	22	0.6	12.5	13.0	180.2
ULR056	Phetchabun	Central	98	25	0.5	11.9	18.0	312.4
ULR057	Phetchabun	Central	111	14	0.7	14.4	15.0	26.2
ULR059	Phitsanulok	Northern	102	23	0.6	10.5	14.5	134.8
ULR060	Phitsanulok	Northern	98	21	0.6	10.8	11.0	97.4
ULR061	Phitsanulok	Northern	106	26	0.6	14.3	14.6	117.7
ULR062	Phitsanulok	Northern	106	23	0.5	14.0	15.9	166.4
ULR063	Phitsanulok	Northern	103	18	0.6	13.1	13.0	258.4
ULR065	Phitsanulok	Northern	108	29	0.7	10.4	10.6	61.7
ULR066	Loei	Northeastern	115	73	0.2	24.6	25.9	0.0
ULR067	Phitsanulok	Northern	105	18	0.7	17.4	20.3	173.6
ULR068	Phitsanulok	Northern	107	30	0.3	16.0	16.6	107.9
ULR069	Phitsanulok	Northern	99	23	0.5	12.6	15.1	231.3
ULR070	Phitsanulok	Northern	106	24	0.6	17.3	14.4	124.8
ULR071	Sukhothai	Central	112	19	0.6	16.3	18.5	81.7
ULR075	Khon Kaen	Northeastern	112	18	0.6	21.9	22.4	96.7
ULR076	Phrae	Northern	91	41	0.3	21.5	21.8	656.5
ULR077	Phrae	Northern	123	22	0.7	14.1	15.0	0.0
ULR078	Surin	Northeastern	107	15	0.7	22.5	23.4	196.0
ULR080	Mukdahan	Northeastern	109	18	0.8	17.6	17.1	123.9
ULR081	Khon Kaen	Northeastern	104	21	0.4	21.5	21.3	182.4
ULR083	Si Sa Ket	Northeastern	105	23	0.7	15.3	14.1	313.7
ULR084	Chiang Mai	Northern	93	32	0.2	21.0	20.3	166.4
ULR085	Uttaradit	Northern	106	18	0.8	16.8	18.4	287.0
ULR086	Nakhon Phanom	Northeastern	117	20	0.7	11.1	18.4	0.0
ULR087	Khon Kaen	Northeastern	104	18	0.7	13.6	16.9	235.5
ULR088	Phrae	Northern	104	18	0.8	11.9	17.3	257.5
ULR089	Sakon Nakhon	Northeastern	119	21	0.7	17.8	16.1	0.0
ULR090	Lampang	Northern	91	39	0.2	11.9	14.1	245.3
ULR091	Phrae	Northern	98	18	0.5	22.1	18.8	303.9
ULR092	Lampang	Northern	118	15	0.8	16.0	18.6	0.0

ULR093	Khon Kaen	Northeastern	122	17	0.9	14.6	19.9	0.0
ULR095	Loei	Northeastern	113	14	0.7	17.5	17.8	147.5
ULR097	Chiang Mai	Northern	113	42	0.0	24.4	27.4	10.6
ULR098	Sakon Nakhon	Northeastern	108	21	0.5	19.8	25.9	89.0
ULR100	Si Sa Ket	Northeastern	123	24	0.8	24.3	25.5	0.0
ULR101	Chiang Rai	Northern	105	72	0.0	21.0	21.9	0.0
ULR103	Nakhon Ratchasima	Northeastern	114	20	0.7	10.5	9.8	49.0
ULR104	Chaiyaphum	Northeastern	100	24	0.6	14.3	13.3	225.2
ULR105	Mae Hong Son	Northern	106	19	0.6	22.3	22.9	166.0
ULR106	Loei	Northeastern	103	24	0.6	11.9	14.1	129.9
ULR107	Phetchabun	Northern	108	29	0.6	12.5	13.9	182.9
ULR108	Phetchabun	Northern	105	26	0.6	13.3	14.1	273.2
ULR109	Phetchabun	Northern	105	20	0.6	11.0	12.9	119.2
ULR110	Phetchabun	Central	106	18	0.5	11.6	14.1	59.4
ULR111	Phetchabun	Central	109	20	0.7	16.0	17.1	254.5
ULR112	Phetchabun	Central	113	18	0.8	15.6	16.5	105.4
ULR114	Phrae	Northern	118	21	0.6	14.1	16.8	0.0
ULR115	Phrae	Northern	110	38	0.3	17.5	14.1	75.7
ULR117	Chiang Mai	Northern	94	21	0.4	10.0	12.9	251.8
ULR118	Chiang Mai	Northern	98	19	0.4	9.8	12.3	277.7
ULR120	Chiang Mai	Northern	100	19	0.5	9.9	12.1	212.4
ULR121	Chiang Mai	Northern	99	21	0.6	9.3	12.4	156.9
ULR122	Chiang Mai	Northern	94	18	0.5	10.3	10.5	183.1
ULR123	Chiang Mai	Northern	111	18	0.8	11.0	11.9	37.9
ULR124	Chiang Mai	Northern	111	26	0.6	12.3	14.3	177.0
ULR125	Chiang Mai	Northern	102	21	0.5	10.5	13.8	129.6
ULR126	Chiang Mai	Northern	108	21	0.7	14.6	15.4	164.8
ULR127	Chiang Mai	Northern	101	25	0.6	14.3	15.3	213.5
ULR128	Chiang Mai	Northern	116	20	0.8	13.6	13.9	0.0
ULR129	Chiang Mai	Northern	114	19	0.6	14.3	17.3	38.5
ULR130	Chiang Mai	Northern	113	21	0.7	19.4	19.4	118.0
ULR131	Chiang Mai	Northern	113	20	0.7	20.1	17.3	100.9
ULR132	Chiang Mai	Northern	112	18	0.7	21.0	18.9	12.8
ULR133	Chiang Mai	Northern	104	23	0.6	17.9	15.0	240.7
ULR134	Loei	Northeastern	105	25	0.7	15.8	17.1	129.5
ULR136	Loei	Northeastern	101	26	0.6	7.9	9.3	250.3

ULR137	Loei	Northeastern	105	30	0.7	12.8	12.9	182.8
ULR138	Loei	Northeastern	105	16	0.7	17.0	18.9	38.6
ULR139	Loei	Northeastern	102	26	0.6	10.4	11.3	244.8
ULR140	Loei	Northeastern	107	21	0.7	11.0	9.3	20.6
ULR141	Loei	Northeastern	106	21	0.7	11.1	14.0	78.6
ULR142	Loei	Northeastern	105	29	0.7	15.5	15.8	189.3
ULR143	Loei	Northeastern	103	37	0.6	13.0	12.3	137.1
ULR144	Loei	Northeastern	99	24	0.5	14.1	13.4	197.9
ULR145	Loei	Northeastern	109	25	0.8	13.6	12.3	78.1
ULR146	Loei	Northeastern	105	32	0.6	11.4	12.6	133.7
ULR147	Loei	Northeastern	97	24	0.5	11.9	11.1	242.3
ULR148	Loei	Northeastern	96	25	0.5	12.4	11.6	282.2
ULR150	Loei	Northeastern	103	23	0.7	8.3	13.6	121.9
ULR151	Loei	Northeastern	104	16	0.6	11.5	11.6	163.5
ULR152	Loei	Northeastern	106	19	0.8	15.4	17.4	164.7
ULR153	Loei	Northeastern	104	25	0.6	13.1	17.3	141.4
ULR154	Loei	Northeastern	93	23	0.6	14.1	15.1	198.0
ULR155	Loei	Northeastern	95	24	0.6	12.6	13.8	350.2
ULR157	Loei	Northeastern	102	25	0.6	12.6	11.6	162.9
ULR158	Loei	Northeastern	110	30	0.6	11.4	11.0	158.4
ULR159	Loei	Northeastern	117	19	0.7	20.1	20.1	0.0
ULR160	Loei	Northeastern	98	26	0.5	14.0	14.1	333.4
ULR161	Phetchabun	Northern	106	26	0.6	12.1	13.5	172.6
ULR162	Phetchabun	Northern	91	42	0.2	11.4	12.9	301.7
ULR163	Phetchabun	Northern	106	26	0.7	11.1	14.9	252.6
ULR164	Phetchabun	Northern	113	18	0.8	16.3	18.1	83.5
ULR165	Phetchabun	Northern	98	28	0.5	12.1	15.0	197.0
ULR166	Phetchabun	Northern	105	25	0.6	10.6	14.0	150.4
ULR168	Phetchabun	Northern	106	30	0.6	14.4	15.5	188.5
ULR169	Phetchabun	Northern	109	26	0.8	14.4	12.1	132.7
ULR170	Phetchabun	Northern	108	17	0.7	16.5	15.1	210.3
ULR172	Phitsanulok	Northern	102	24	0.6	11.5	9.9	177.4
ULR173	Phitsanulok	Northern	104	28	0.6	10.3	10.6	91.7
ULR174	Phetchabun	Northern	100	26	0.5	15.4	15.5	267.3
ULR175	Phetchabun	Northern	106	28	0.7	11.1	13.8	195.5
ULR176	Phetchabun	Northern	104	24	0.6	13.5	14.4	139.2
ULR177	Phetchabun	Northern	109	18	0.8	12.6	12.9	35.8

ULR178	Phetchabun	Northern	104	30	0.6	13.4	12.5	229.6
ULR179	Phetchabun	Northern	101	24	0.6	13.0	14.0	157.3
ULR180	Phetchabun	Northern	101	30	0.5	16.0	15.4	208.4
ULR184	Phetchabun	Northern	98	24	0.4	10.6	13.3	238.0
ULR185	Phetchabun	Northern	107	21	0.5	11.4	12.9	121.1
ULR186	Phetchabun	Northern	99	26	0.5	14.9	14.0	163.9
ULR187	Phetchabun	Northern	102	23	0.5	10.5	11.6	187.4
ULR188	Phetchabun	Northern	105	21	0.6	14.0	14.8	208.3
ULR189	Phetchabun	Northern	103	26	0.6	14.9	14.8	420.6
ULR190	Phetchabun	Northern	98	19	0.5	13.6	15.6	248.7
ULR191	Phetchabun	Northern	115	18	0.9	18.4	18.1	49.0
ULR192	Phetchabun	Northern	107	19	0.6	20.4	21.3	235.5
ULR195	Phetchabun	Northern	110	26	0.6	10.3	16.8	37.6
ULR197	Phetchabun	Northern	100	23	0.6	11.4	12.9	282.5
ULR201	Phetchabun	Northern	100	27	0.6	12.0	11.6	188.1
ULR204	Phetchabun	Northern	97	25	0.4	16.3	17.5	304.8
ULR205	Phetchabun	Northern	105	24	0.6	10.1	15.3	168.7
ULR206	Phetchabun	Northern	106	27	0.7	13.4	10.8	241.0
ULR210	Chiang Mai	Northern	100	17	0.5	11.4	14.1	253.1
ULR211	Chiang Mai	Northern	107	26	0.7	19.1	18.8	303.5
ULR212	Chiang Mai	Northern	100	25	0.5	15.8	16.4	309.5
ULR213	Chiang Mai	Northern	94	42	0.3	18.0	12.3	230.1
ULR214	Chiang Mai	Northern	107	18	0.7	15.4	20.8	175.4
ULR215	Chiang Mai	Northern	109	26	0.6	12.6	11.0	107.3
ULR216	Chiang Mai	Northern	109	29	0.7	13.6	14.9	166.3
ULR217	Chiang Mai	Northern	110	24	0.5	14.1	14.3	165.1
ULR218	Chiang Mai	Northern	113	18	0.7	10.9	13.6	17.8
ULR219	Chiang Mai	Northern	112	20	0.6	12.0	12.9	25.3
ULR220	Chiang Mai	Northern	110	19	0.7	9.3	14.0	97.4
ULR222	Chiang Mai	Northern	107	23	0.5	13.0	13.4	221.7
ULR225	Chiang Mai	Northern	98	30	0.5	12.8	16.5	330.4
ULR226	Chiang Mai	Northern	111	30	0.8	14.1	12.6	147.6
ULR227	Chiang Mai	Northern	110	23	0.7	10.8	12.6	141.2
ULR229	Chiang Mai	Northern	109	18	0.8	9.4	12.5	160.8
ULR230	Chiang Mai	Northern	101	28	0.6	9.5	9.5	216.8
ULR232	Chiang Mai	Northern	102	26	0.5	13.0	14.8	361.8
ULR233	Phetchabun	Central	108	26	0.6	12.3	12.5	100.0

ULR235	Phetchabun	Central	108	18	0.8	18.3	18.4	160.7
ULR237	Phetchabun	Central	107	32	0.7	15.9	16.3	114.0
ULR238	Phetchabun	Central	107	26	0.6	15.1	14.9	57.2
ULR240	Phetchabun	Central	107	28	0.5	11.6	14.0	173.8
ULR241	Phetchabun	Central	109	33	0.7	10.9	12.0	94.6
ULR242	Phetchabun	Central	95	23	0.5	13.9	14.6	165.5
ULR243	Phetchabun	Central	95	23	0.5	12.3	11.5	280.3
ULR244	Khon Kaen	Northeastern	106	24	0.6	18.6	19.8	251.7
ULR245	Khon Kaen	Northeastern	94	22	0.5	13.3	13.6	375.4
ULR246	Khon Kaen	Northeastern	109	21	0.6	17.0	18.3	156.3
ULR247	Phetchabun	Central	107	26	0.6	13.1	12.6	148.4
ULR248	Phetchabun	Central	107	30	0.7	12.0	11.0	102.0
ULR249	Phetchabun	Central	110	29	0.8	7.4	12.4	124.5
ULR250	Phetchabun	Central	112	21	0.7	14.3	14.3	123.8
ULR251	Phetchabun	Central	95	23	0.5	11.6	12.6	322.1
ULR252	Phetchabun	Central	103	29	0.6	11.8	14.4	306.7
ULR253	Phetchabun	Central	111	28	0.6	17.3	16.3	40.1
ULR255	Nan	Northern	106	26	0.5	13.3	15.0	83.0
ULR258	Phetchabun	Central	108	26	0.6	12.3	13.6	109.2
ULR259	Chiang Mai	Northern	118	21	0.7	14.0	12.5	0.0
ULR263	Chaiyaphum	Northeastern	109	28	0.7	11.1	11.9	171.1
ULR264	Chaiyaphum	Northeastern	101	25	0.5	12.4	12.4	244.2
ULR265	Chaiyaphum	Northeastern	115	21	0.6	14.8	11.1	56.1
ULR267	Mukdahan	Northeastern	92	42	0.3	23.1	24.6	265.6
ULR268	Yasothon	Northeastern	115	18	0.6	17.4	21.5	0.0
ULR272	Yasothon	Northeastern	110	24	0.7	9.3	11.0	73.5
ULR273	Yasothon	Northeastern	98	25	0.5	12.9	13.5	286.4
ULR274	Yasothon	Northeastern	108	66	0.0	11.8	13.8	17.5
ULR277	Phatthalung	Southern	113	71	0.0	9.4	10.4	63.0
ULR278	Phatthalung	Southern	104	69	0.0	13.8	12.5	106.4
ULR282	Phatthalung	Southern	105	63	0.1	12.1	13.1	78.6
ULR283	Phatthalung	Southern	107	58	0.0	10.4	15.6	50.9
ULR285	Phatthalung	Southern	104	23	0.5	13.4	15.0	202.2
ULR291	Phatthalung	Southern	110	63	0.1	7.5	11.3	9.9
ULR293	Nan	Northern	105	18	0.6	14.5	14.3	320.9
ULR294	Nan	Northern	103	19	0.6	15.5	15.5	229.3
ULR295	Nan	Northern	104	19	0.6	19.6	21.3	301.8

ULR296	Nan	Northern	106	23	0.7	10.0	11.3	99.4
ULR297	Nan	Northern	112	26	0.7	13.0	13.6	42.5
ULR299	Nan	Northern	106	21	0.8	10.8	10.4	138.7
ULR300	Nan	Northern	98	26	0.6	12.1	16.3	41.8
ULR301	Nan	Northern	110	18	0.8	18.1	17.3	126.2
ULR302	Nan	Northern	108	21	0.7	18.0	18.6	121.2
ULR305	Nan	Northern	106	23	0.7	13.3	13.5	268.1
ULR306	Nan	Northern	100	23	0.6	11.3	13.9	104.6
ULR307	Nan	Northern	113	25	0.8	13.6	14.9	39.9
ULR308	Nan	Northern	107	19	0.6	23.3	22.4	303.3
ULR309	Nan	Northern	100	24	0.6	12.8	14.0	203.9
ULR310	Nan	Northern	112	28	0.8	14.1	14.0	65.0
ULR312	Nan	Northern	103	20	0.4	14.6	15.9	196.8
ULR320	Nan	Northern	112	18	0.8	18.0	17.4	91.0
ULR321	Nan	Northern	104	26	0.5	12.1	13.1	300.2
ULR322	Nan	Northern	102	27	0.3	16.1	20.1	129.3
ULR323	Nan	Northern	105	23	0.6	10.6	13.3	126.3
ULR324	Nan	Northern	105	20	0.6	14.5	14.4	118.3
ULR325	Nan	Northern	107	32	0.4	15.3	18.0	122.7
ULR328	Loei	Northern	107	30	0.7	12.8	14.3	77.4
ULR329	Phatthalung	Southern	115	25	0.9	17.3	16.9	84.6
ULR330	Phatthalung	Southern	115	19	0.7	20.9	23.5	112.4
ULR331	Maha Sarakhm	Northeastern	117	19	0.9	12.3	18.5	38.9
ULR333	Chaiyaphum	Northeastern	108	58	0.1	12.8	11.4	155.1
ULR335	Chaiyaphum	Northeastern	121	21	0.7	20.9	24.1	0.0
ULR338	Nong Khai	Northeastern	105	29	0.6	13.6	14.3	272.7
ULR339	Nong Khai	Northeastern	105	33	0.6	11.9	10.9	225.6
ULR342	Nong Khai	Northeastern	98	26	0.5	12.8	13.6	377.3
ULR344	Trang	Southern	113	33	0.3	20.6	20.3	72.5
ULR345	Trang	Southern	117	30	0.7	9.0	10.5	136.8
ULR346	Trang	Southern	112	24	0.2	12.4	11.9	60.8
ULR348	Trang	Southern	114	26	0.6	13.0	14.3	141.5
ULR351	Phitsanulok	Northern	101	24	0.4	14.0	12.0	197.7
ULR352	Phitsanulok	Northern	107	20	0.7	11.8	15.0	157.4
ULR353	Phitsanulok	Northern	111	16	0.8	9.0	10.1	35.1
ULR355	Phitsanulok	Northern	104	26	0.7	10.9	12.0	130.0

ULR356	Phitsanulok	Northern	113	22	0.7	16.9	13.6	21.0
ULR357	Phitsanulok	Northern	107	61	0.0	11.4	13.1	13.3
ULR358	Phitsanulok	Northern	109	17	0.7	15.5	17.6	158.8
ULR360	Phitsanulok	Northern	103	56	0.4	13.8	13.9	117.3
ULR362	Phitsanulok	Northern	106	19	0.6	12.8	12.3	43.6
ULR363	Phitsanulok	Northern	106	19	0.6	22.1	21.5	274.5
ULR364	Phitsanulok	Northern	99	23	0.6	14.5	13.5	386.1
ULR366	Phitsanulok	Northern	100	26	0.6	13.3	14.4	292.9
ULR367	Phitsanulok	Northern	107	26	0.6	14.0	14.0	177.9
ULR368	Khon Kaen	Northeastern	72	29	0.0	11.0	26.4	91.6
ULR369	Nong Khai	Northeastern	101	18	0.6	14.6	16.3	227.0
ULR370	Phitsanulok	Northern	96	24	0.5	10.4	13.5	234.7
ULR374	Khon Kaen	Northeastern	107	29	0.5	11.9	12.4	165.7
ULR376	Nong Khai	Northeastern	103	29	0.6	12.6	12.6	259.1
ULR377	Nong Khai	Northeastern	98	30	0.5	14.0	13.4	364.7
ULR378	Nong Khai	Northeastern	106	18	0.6	17.5	15.0	197.8
ULR379	Chiang Rai	Northern	109	22	0.7	12.0	12.5	191.7
ULR380	Chiang Rai	Northern	100	25	0.5	11.6	13.5	223.0
ULR382	Chiang Rai	Northern	107	20	0.8	10.5	18.9	254.9
ULR383	Chiang Rai	Northern	101	18	0.6	17.3	18.6	276.3
ULR385	Chiang Rai	Northern	106	23	0.7	9.6	9.5	186.3
ULR386	Chiang Rai	Northern	106	24	0.6	12.0	12.9	173.8
ULR387	Chiang Rai	Northern	107	20	0.7	10.3	13.0	231.2
ULR388	Chiang Rai	Northern	99	25	0.6	13.5	13.6	346.0
ULR389	Chiang Rai	Northern	109	23	0.7	11.1	13.3	151.3
ULR390	Chiang Rai	Northern	101	20	0.5	14.3	15.1	65.8
ULR391	Chiang Rai	Northern	112	23	0.8	9.6	11.0	37.8
ULR392	Chiang Rai	Northern	108	20	0.7	11.6	12.1	100.4
ULR393	Chiang Rai	Northern	107	24	0.7	12.8	13.4	267.9
ULR394	Chiang Rai	Northern	104	18	0.6	6.9	12.5	194.8
ULR397	Chiang Rai	Northern	96	23	0.4	14.5	18.8	228.9
ULR398	Chiang Rai	Northern	106	27	0.6	14.6	14.5	339.8
ULR399	Chiang Rai	Northern	107	18	0.6	17.9	16.9	140.0
ULR401	Chiang Rai	Northern	106	26	0.4	11.4	15.0	146.4
ULR402	Chiang Rai	Northern	100	18	0.6	21.6	20.9	325.3
ULR403	Chiang Rai	Northern	95	26	0.5	12.3	14.0	388.3
ULR406	Chiang Rai	Northern	100	26	0.5	14.1	11.9	220.2

ULR408	Chiang Rai	Northern	101	18	0.6	17.8	17.8	365.1
ULR409	Nong Khai	Northeastern	116	20	0.6	7.9	8.6	72.9
ULR410	Nong Khai	Northeastern	105	21	0.7	9.3	12.4	142.5
ULR411	Nong Khai	Northeastern	105	24	0.6	12.9	13.6	205.2
ULR412	Nong Khai	Northeastern	99	23	0.6	12.1	12.5	272.5
ULR413	Nong Khai	Northeastern	108	28	0.7	11.9	12.9	150.9
ULR414	Nong Khai	Northeastern	101	23	0.5	12.9	13.0	199.7
ULR415	Nong Khai	Northeastern	103	28	0.6	8.6	8.8	204.5
ULR418	Trang	Southern	111	75	0.1	11.6	11.3	95.3
ULR419	Trang	Southern	106	72	0.0	12.8	13.9	144.2
ULR420	Trang	Southern	106	61	-0.1	9.8	13.6	128.3
ULR421	Trang	Southern	108	76	-0.1	14.3	14.4	84.9

DTF=days to flowering, BVP=base vegetative phase, PSI=Photoperiod sensitivity index,
GY=grain yield