



Table 4. Varietal difference of emergence ratio at 13 and 18°C under the various seeding depth in rice

Variety	13°C					18°C					(8)
	10cm	30cm	50cm	80cm	10cm	30cm	50cm	80cm			
Unbongbyeo	75	61	52	28	77	73	65	32			
Odaebyeo	91	73	56	32	95	93	93	52			
Sobaebyeo	79	73	44	20	79	71	67	24			
Keumbyeo	96	96	80	48	97	88	88	65			
Daegwanbyeo	89	80	42	36	93	92	91	59			
Sangpungbyeo	92	60	52	28	97	92	91	57			
Bonggwangbyeo	77	71	52	28	77	75	68	37			
Daechangbyeo	91	69	52	28	93	85	80	32			
Hwaseongbyeo	93	91	80	48	96	95	87	71			
Seohaebyeo	85	73	56	28	80	77	64	32			
Hagdongbyeo	89	81	64	40	92	88	81	59			
Dongjinbyeo	92	80	64	44	99	91	85	58			
Tamjinbyeo	96	91	80	48	97	92	87	61			
Daechongbyeo	89	77	60	40	91	88	88	68			
Hwangjinbyeo	72	69	48	24	80	68	59	32			
Seomjinbyeo	95	71	84	48	93	91	89	89			
Hongbaeg	93	73	54	20	93	93	93	75			
Nonglimna #1	85	80	68	20	87	79	76	61			
Sangnambatbyeo	85	77	60	24	87	84	77	58			
Taebaegbyeo	95	95	88	48	96	95	92	79			
Gayabyeo	96	95	84	48	99	97	96	93			
Sanggangbyeo	94	93	80	20	97	97	97	87			
Baegunchalbyeo	80	68	48	20	84	81	77	53			
Pungsanbyeo	94	91	76	20	99	96	92	57			
Jangseongbyeo	92	89	64	20	93	92	83	79			
Naro	61	51	48	48	91	85	84	84			
Mean	88	79	63	33	91	87	83	60			

Table 5. Varietal difference of mesocotyl elongation at 13°C and 18°C under the various seeding depth in rice.

Variety	13°C					18°C				
	1cm	3cm	5cm	8cm	1cm	3cm	5cm	8cm		
Unbongbyeo	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2		
Odaebyeo	0.2	0.3	0.3	0.3	0.1	0.2	0.2	0.2		
Sobaebyeo	0.2	0.3	0.3	0.3	0.1	0.2	0.2	0.2		
Keumbyeo	0.2	0.3	0.3	0.6	0.1	0.2	0.2	0.2		
Daegwanbyeo	0.2	0.3	0.3	0.4	0.1	0.2	0.2	0.2		
Sangpungbyeo	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2		
Bonggwangbyeo	0.3	0.3	0.4	0.5	0.2	0.2	0.2	0.3		
Daechangbyeo	0.2	0.3	0.3	0.4	0.1	0.2	0.2	0.2		
Hwaseongbyeo	0.2	0.3	0.3	0.4	0.1	0.2	0.2	0.2		
Seohaebyeo	0.2	0.2	0.2	0.3	0.1	0.2	0.2	0.3		
Hagdongbyeo	0.2	0.3	0.3	0.4	0.1	0.2	0.2	0.2		
Dongjinbyeo	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2		
Tamjinbyeo	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2		
Daechongbyeo	0.2	0.3	0.3	0.4	0.1	0.2	0.2	0.3		
Hwangjinbyeo	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2		
Seomjinbyeo	0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.2		
Hongbaeg	0.2	0.6	0.6	0.6	0.1	0.3	0.3	0.5		
Nonglimna #1	0.2	0.4	0.6	0.7	0.5	0.5	0.5	0.5		
Sangnambatbyeo	0.2	0.4	0.6	0.6	0.1	0.5	0.6	0.6		
Taebaegbyeo	0.3	0.5	0.6	0.6	0.1	0.3	0.4	0.5		
Gayabyeo	0.2	0.8	0.8	0.8	0.2	0.8	0.9	1.1		
Sanggangbyeo	0.2	0.4	0.4	0.4	0.2	0.3	0.3	0.5		
Baegunchalbyeo	0.3	0.4	0.5	0.5	0.2	0.4	0.5	0.6		
Pungsanbyeo	0.2	0.2	0.3	0.4	0.1	0.2	0.2	0.5		
Jangseongbyeo	0.2	0.5	0.5	0.5	0.3	0.4	0.5	0.6		
Naro	0.7	2.1	2.1	2.7	0.3	1.7	3.0	3.7		
Mean	0.2	0.4	0.5	0.5	0.2	0.3	0.4	0.5		