

Appendix A Effects of temperature and solar radiation on the key growth stage dates of high eating-quality rice varieties

Variety	Treatment ¹⁾	2017		2018	
		Heading	Maturity	Heading	Maturity
Nangeng 2728	T1	8/15	10/8	8/16	10/7
	T2	8/20	10/14	8/21	10/12
	T3	8/24	10/18	8/25	10/17
	T4	8/28	10/22	8/28	10/21
	T5	8/31	10/26	8/31	10/25
	T6	9/3	10/29	9/3	10/28
	T7	9/5	11/1	9/6	10/31
Nangeng 505	T1	8/15	10/10	8/17	10/9
	T2	8/20	10/15	8/22	10/14
	T3	8/24	10/19	8/26	10/18
	T4	8/28	10/23	8/29	10/22
	T5	8/31	10/27	9/1	10/26
	T6	9/3	10/31	9/4	10/29
	T7	9/6	11/3	9/7	11/1
Nangeng 9108	T1	8/18	10/13	8/20	10/13
	T2	8/24	10/19	8/25	10/18
	T3	8/29	10/24	8/29	10/22
	T4	9/2	10/28	9/2	10/26
	T5	9/5	–	9/5	–
	T6	9/8	–	9/8	–
	T7	9/10	–	9/11	–
Fugeng 1606	T1	8/23	10/17	8/23	10/16
	T2	8/28	10/22	8/27	10/21
	T3	9/1	10/27	8/31	10/25
	T4	9/4	10/30	9/4	10/29
	T5	9/7	–	9/7	–
	T6	9/10	–	9/10	–
	T7	9/13	–	9/13	–
Fenggeng 3227	T1	8/20	10/14	8/21	10/13
	T2	8/25	10/20	8/26	10/19
	T3	8/29	10/24	8/30	10/23
	T4	9/2	10/28	9/3	10/27
	T5	9/6	–	9/6	–
	T6	9/9	–	9/9	–
	T7	9/12	–	9/12	–
Wuyungeng 80	T1	8/19	10/13	8/20	10/13
	T2	8/24	10/19	8/26	10/19
	T3	8/29	10/24	8/30	10/23
	T4	9/2	10/29	9/3	10/28

T5	9/6	–	9/6	–
T6	9/10	–	9/9	–
T7	9/13	–	9/12	–

¹⁾ T1, T2, T3, T4, T5, T6, and T7 represent the sowing dates May 10, May 17, May 24, May 31, June 7, June 14, and June 21. “–” indicates that the variety cannot mature in this seeding date treatment; the harvest time (November 8) was taken as the deadline for rice growth, and it was used to calculate the EAT, T_{mean} , SCR, and R_{mean} .