Supplementary Materials

Table S1. Descriptive statistics of the environmental parameters of each data set used in this study (information presented separately by year). Values are presented as means (standard deviations).

Data set	Year	Eggplant			Tomato		
		T (℃)	RH (%)	Light intensity (μmol m^{-2} s^{-1})	T (℃)	RH (%)	Light intensity (μmol m^{-2} s^{-1})
Spring-summer	2018	28.18	81.57	72.91	28.18	81.57	72.91
		(1.79)	(5.51)	(26.96)	(1.79)	(5.51)	(26.96)
	2019	25.01	83.55	90.13	25.01	83.55	90.13
		(1.95)	(3.99)	(29.12)	(1.95)	(3.99)	(29.12)
	2020	26.60	79.15	85.73	27.25	79.96	86.79
		(3.32)	(5.68)	(24.08)	(2.87)	(6.12)	(22.34)
Autumn-winter	2018	23.72	77.55	56.98	23.72	77.55	56.98
		(2.23)	(6.31)	(17.15)	(2.23)	(6.31)	(17.15)
	2019	24.55	78.46	71.29	23.64	79.17	67.67
		(3.10)	(5.95)	(28.77)	(2.94)	(6.28)	(24.09)
	2020	22.68	78.70	38.24	22.42	78.31	39.17
		(1.87)	(5.61)	(9.96)	(2.10)	(4.60)	(10.01)
Combined	2018	26.42	79.98	66.61	26.42	79.98	66.61
		(2.94)	(6.15)	(24.79)	(2.94)	(6.15)	(24.79)
	2019	24.68	79.85	76.44	24.09	80.61	75.07
		(2.83)	(5.92)	(29.94)	(2.72)	(5.97)	(27.80)
	2020	25.28	79.00	69.78	25.67	79.42	71.27
		(3.45)	(5.64)	(30.39)	(3.48)	(5.70)	(29.50)

RH: relative humidity; T: temperature.

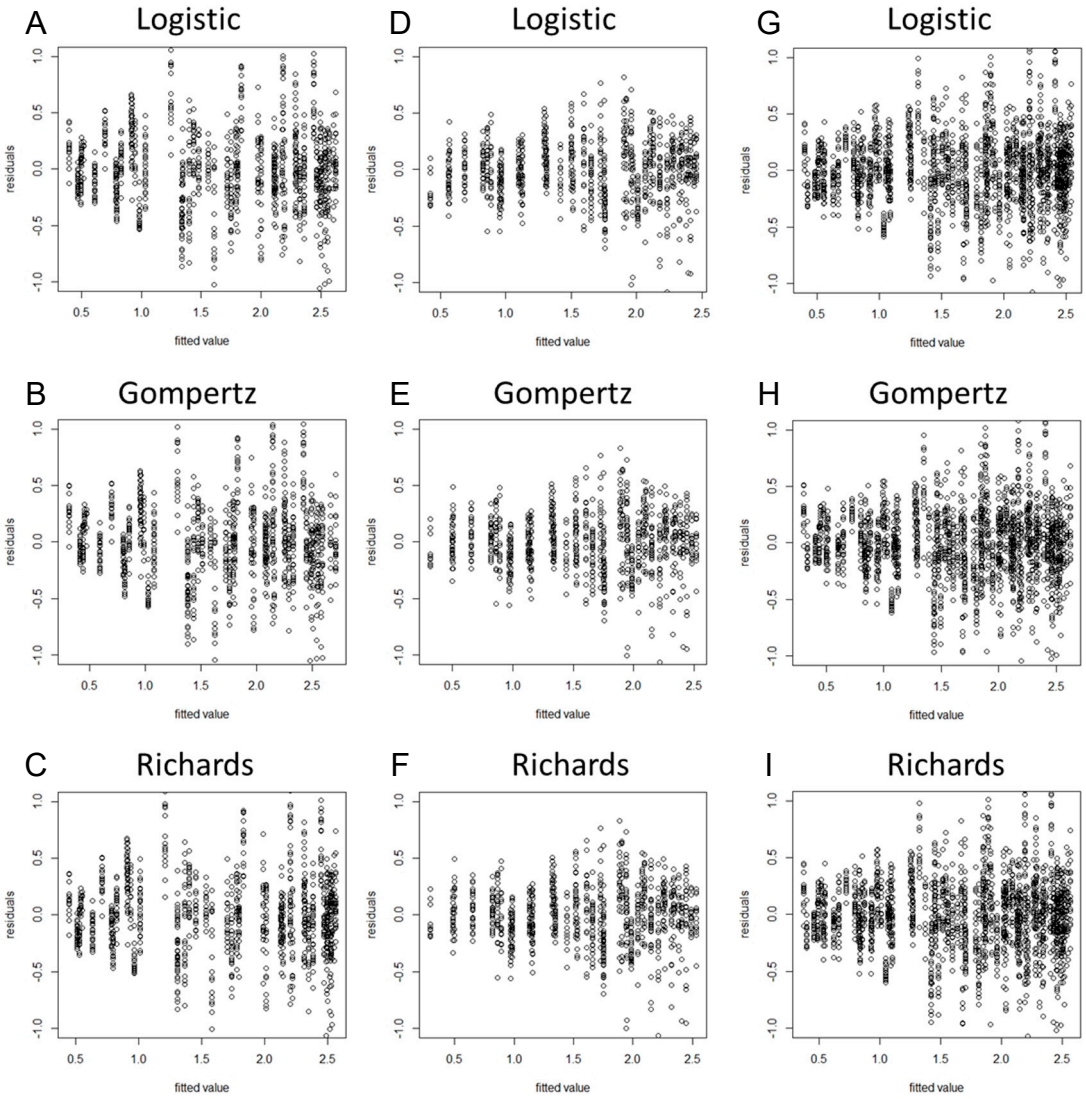

Figure S1. Residual plots of eggplant stem diameter (untransformed) by using spring–summer, autumn–winter, and combined data with the Logistic, Gompertz, and Richards growth models. (**A**) Spring–summer logistic model; (**B**) spring–summer Gompertz model; (**C**) spring–summer Richards model; (**D**) autumn–winter logistic model; (**E**) autumn–winter Gompertz model; (**F**) autumn–winter Richards model; (**G**) global logistic model; (**H**) global Gompertz model; (**I**) global Richards model.

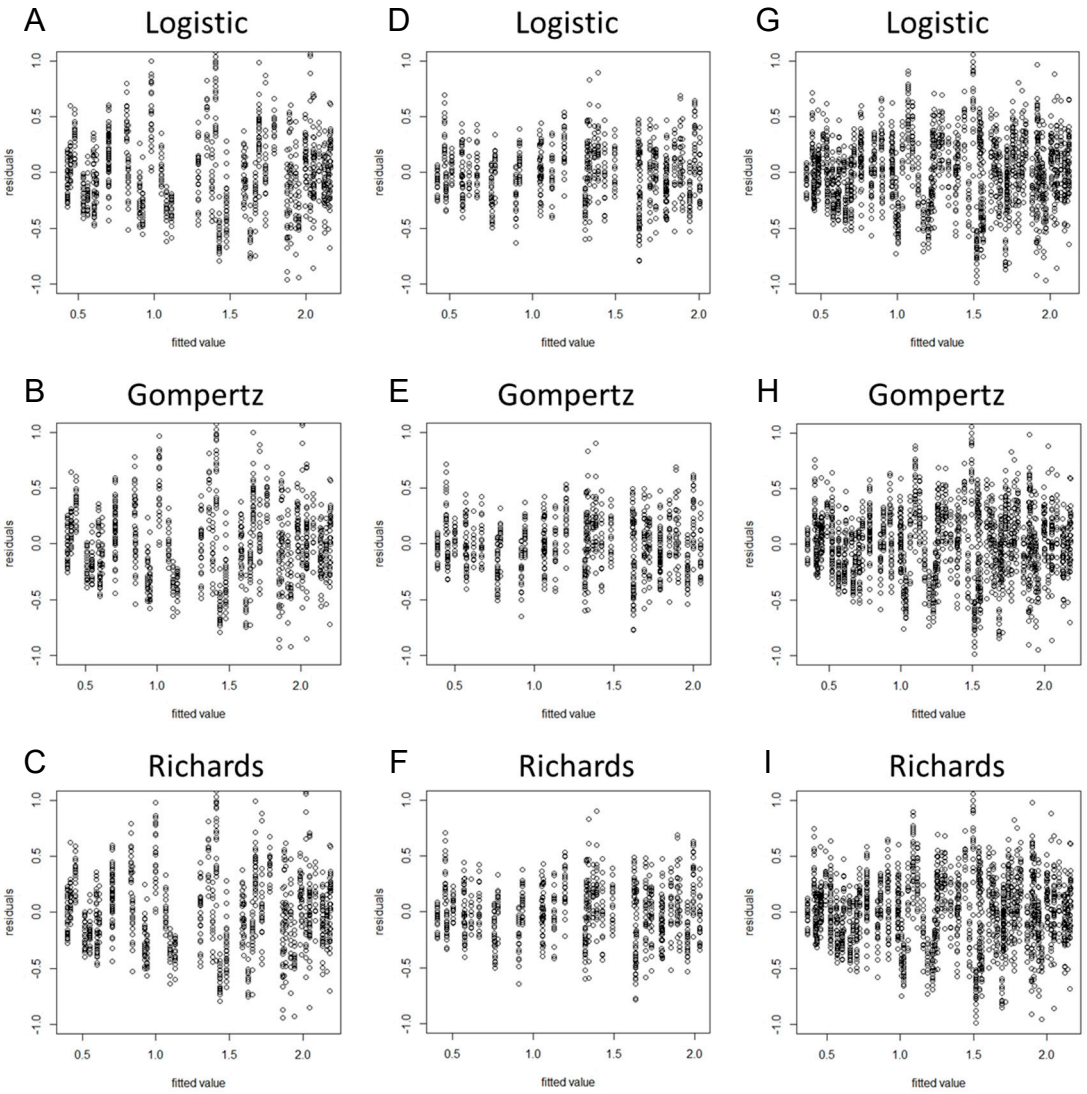

Figure S2. Residual plots of tomato stem diameter (untransformed) by using spring–summer, autumn–winter, and combined data with the Logistic, Gompertz, and Richards growth models. (**A**) Spring–summer logistic model; (**B**) spring–summer Gompertz model; (**C**) spring–summer Richards model; (**D**) autumn–winter logistic model; (**E**) autumn–winter Gompertz model; (**F**) autumn–winter Richards model; (**G**) global logistic model; (**H**) global Gompertz model; (**I**) global Richards model.