

表 4. 半結球萵苣大湖 659 栽培密度處理及移植後天數的單株鮮重之平方和分佈

Table 4. Partitioning of treatment (planting density and days after transplanting) sum of squares in fresh weight of loose head lettuce 'Great-Lake 659'.

移植後之天數 (天)																		
Days after transplanting (day)																		
Source of variation	9			17			23			31			39			47		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
栽培密度 (Density)																		
Treatments	23	1.73	100.00%	23	50.61	100.00%	23	67.16	100.00%	23	1723.69	100.00%	23	70119.50	100.00%	23	341126.24	100.00%
Linear	1	0.46	26.79%	1	27.40	54.15%	1	10.63	15.83%	1	1011.44	58.68%	1	44885.90	64.01%	1	296625.91	86.95%
Quadratic	1	0.50	28.98%	1	3.44	6.80%	1	4.03	6.00%	1	229.95	13.34%	1	20353.34	29.03%	1	42044.52	12.33%
Cubic	1	0.15	8.93%	1	3.57	7.05%	1	3.88	5.77%	1	96.17	5.58%	1	2003.32	2.86%	1	823.29	0.24%
Residual	20	0.61	35.29%	20	16.20	32.00%	20	48.62	72.39%	20	386.13	22.40%	20	2876.94	4.10%	20	1632.52	0.48%
栽培密度																		
Planting density (plants/3.2m <sup>2</sup> )																		
Source of variation	144			76			60			36			33			30		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
移植天數 (Days after transplanting)																		
Treatments	23	85815.84	100.00%	23	313283.44	100.00%	23	507843.25	100.00%	23	616121.56	100.00%	23	733090.18	100.00%	23	729238.81	100.00%
Linear	1	80942.24	94.32%	1	291508.76	93.05%	1	461782.97	90.93%	1	557389.44	90.47%	1	649127.33	88.55%	1	639309.91	87.67%
Quadratic	1	118.30	0.14%	1	12346.74	3.94%	1	44844.01	8.83%	1	56260.16	9.13%	1	83282.25	11.36%	1	88892.44	12.19%
Cubic	1	3806.71	4.44%	1	6341.27	2.02%	1	461.21	0.09%	1	749.27	0.12%	1	25.27	0.00%	1	293.98	0.04%
Residual	20	948.59	1.11%	20	3086.67	0.99%	20	755.07	0.15%	20	1722.69	0.28%	20	655.33	0.09%	20	742.47	0.10%

表 5. 半結球萵苣大湖 659 栽培密度處理及移植後天數的單位面積產量之平方和分佈

Table 5. Partitioning of treatment (planting density and days after transplanting) sum of squares in the yield of unit area (3.2 m<sup>2</sup>) of loose head lettuce 'Great-Lake 659'.

Source of variation	移植後之天數 (天) Days after transplanting (day)																	
	9			17			23			31			39			47		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
栽培密度 (Density)																		
Treatments	23	0.4209	100.0%	23	4.153	100.0%	23	89.96	100.00%	23	471.06	100.0%	23	492.320	100.0%	23	362.92	100.00%
Linear	1	0.3180	75.6%	1	3.192	76.9%	1	70.29	78.14%	1	375.36	79.7%	1	464.270	94.3%	1	257.14	70.85%
Quadratic	1	0.0901	21.4%	1	0.614	14.8%	1	15.40	17.12%	1	75.70	16.1%	1	4.315	0.9%	1	8.33	2.30%
Cubic	1	0.0045	1.1%	1	0.114	2.7%	1	2.17	2.41%	1	9.93	2.1%	1	11.705	2.4%	1	39.63	10.92%
Residual	20	0.0083	2.0%	20	0.233	5.6%	20	2.09	2.32%	20	10.06	2.1%	20	12.030	2.4%	20	57.81	15.93%
栽培密度 Planting density (plants/3.2m <sup>2</sup> )																		
Source of variation	144			76			60			36			33			30		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
移植天數 (Days after transplanting)																		
Treatments	23	1913.6110	100.0%	23	1883.019	100.0%	23	1914.13	100.00%	23	843.30	100.0%	23	854.167	100.0%	23	703.67	100.00%
Linear	1	1806.8570	94.4%	1	1756.459	93.3%	1	1741.64	90.99%	1	764.34	90.6%	1	756.795	88.6%	1	615.91	87.53%
Quadratic	1	2.1879	0.1%	1	81.980	4.4%	1	168.79	8.82%	1	74.47	8.8%	1	96.333	11.3%	1	86.76	12.33%
Cubic	1	84.2481	4.4%	1	30.895	1.6%	1	1.46	0.08%	1	1.49	0.2%	1	0.009	0.0%	1	0.32	0.05%
Residual	20	20.3180	1.1%	20	13.685	0.7%	20	2.25	0.12%	20	3.01	0.4%	20	1.031	0.1%	20	0.68	0.10%

表 7. 半結球萵苣大湖 659 栽培密度處理及移植後天數的植株鮮重生長速率之平方和分佈

Table 7. Partitioning of treatment (planting density and days after transplanting) sum of squares in Absolute Growth Rate of loose head lettuce 'Great-Lake 659'.

移植後之天數 (天)																		
Days after transplanting (day)																		
Source of variation	9			17			23			31			39			47		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
栽培密度 (Density)																		
Treatments	23	0.0921	100.0%	23	2.068	100.0%	23	3.478	100.0%	23	38.07	100.0%	23	1069.9	100.0%	23	1192.89	100.0%
Linear	1	0.0600	65.2%	1	0.389	18.8%	1	1.603	46.1%	1	32.70	85.9%	1	889.1	83.1%	1	983.74	82.5%
Quadratic	1	0.0078	8.5%	1	0.494	23.9%	1	0.859	24.7%	1	0.31	0.8%	1	171.0	16.0%	1	184.24	15.4%
Cubic	1	0.0003	0.3%	1	0.014	0.7%	1	0.039	1.1%	1	0.68	1.8%	1	1.5	0.1%	1	6.99	0.6%
Residual	20	0.0240	26.0%	20	1.171	56.6%	20	0.977	28.1%	20	4.38	11.5%	20	8.4	0.8%	20	17.92	1.5%
栽培密度																		
Planting density (plants/3.2m <sup>2</sup> )																		
Source of variation	144			76			60			36			33			30		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
移植天數 (Days after transplanting)																		
Treatments	23	173.0855	100.0%	23	517.329	100.0%	23	1131.063	100.0%	23	1521.56	100.0%	23	1970.4	100.0%	23	1897.38	100.0%
Linear	1	15.8206	9.1%	1	487.629	94.3%	1	1063.378	94.0%	1	1404.41	92.3%	1	1820.1	92.4%	1	1755.93	92.5%
Quadratic	1	94.5987	54.7%	1	1.438	0.3%	1	3.514	0.3%	1	4.46	0.3%	1	27.5	1.4%	1	16.36	0.9%
Cubic	1	7.3380	4.2%	1	20.134	3.9%	1	40.244	3.6%	1	87.69	5.8%	1	82.0	4.2%	1	102.23	5.4%
Residual	20	55.3282	32.0%	20	8.128	1.6%	20	23.927	2.1%	20	25.00	1.6%	20	40.8	2.1%	20	22.85	1.2%

表 8. 半結球萵苣大湖 659 栽培密度處理及移植後天數的乾重相對生長速率之平方和分佈

Table 8. Partitioning of treatment (planting density and days after transplanting) sum of squares in Relative Growth Rate of loose head lettuce 'Great-Lake 659'.

Source of variation	移植後之天數 (天) Days after transplanting (day)																	
	9			17			23			31			39			47		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
栽培密度 (Density)																		
Treatments	23	2722.8	100.0%	23	4725.9	100.00%	23	930.9	100.0%	23	15117.1	100.0%	23	10939.7	100.0%	23	6879.7	100.0%
Linear	1	1586.0	58.2%	1	1953.3	41.33%	1	262.8	28.2%	1	14026.0	92.8%	1	5568.7	50.9%	1	2786.6	40.5%
Quadratic	1	741.5	27.2%	1	707.1	14.96%	1	28.6	3.1%	1	508.6	3.4%	1	4025.2	36.8%	1	2521.8	36.7%
Cubic	1	4.6	0.2%	1	1.0	0.02%	1	107.8	11.6%	1	87.1	0.6%	1	518.6	4.7%	1	1259.3	18.3%
Residual	20	390.7	14.3%	20	2064.4	43.68%	20	531.6	57.1%	20	495.4	3.3%	20	827.3	7.6%	20	312.0	4.5%
栽培密度 Planting density (plants/3.2m <sup>2</sup> )																		
Source of variation	144			76			60			36			33			30		
	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total	df	Sum of Squares	Percent of total
移植天數 (Days after transplanting)																		
Treatments	23	67850.2	100.0%	23	25812.7	100.00%	23	44034.95	100.0%	23	28398.8	100.0%	23	29442.3	100.0%	23	31520.5	100.0%
Linear	1	44917.8	66.2%	1	11188.2	43.34%	1	11948.7	27.1%	1	6889.1	24.3%	1	6938.9	23.6%	1	8468.8	26.9%
Quadratic	1	5506.1	8.1%	1	4026.8	15.60%	1	15518.6	35.2%	1	14340.0	50.5%	1	16773.1	57.0%	1	16116.3	51.1%
Cubic	1	11942.6	17.6%	1	5458.5	21.15%	1	14696.2	33.4%	1	6160.5	21.7%	1	5086.0	17.3%	1	6708.3	21.3%
Residual	20	5483.7	8.1%	20	5139.1	19.91%	20	1871.4	4.2%	20	1009.3	3.6%	20	644.3	2.2%	20	227.0	0.7%