

Lohmann LSL-Classical

Layers in Alternative Systems



*Performance Data
Body weight tables*



**LOHMANN
BREEDERS**

BREEDING FOR SUCCESS ... TOGETHER

Performance Data

LOHMANN LSL-CLASSIC

Layers in Alternative Systems

Egg Production



Age at 50 % production 140 – 145 days

Peak production 94 – 96 %

Eggs per Hen Housed

in 72 weeks of age 327

in 80 weeks of age 371

in 100 weeks of age 467

Egg Mass per Hen Housed

in 72 weeks of age 20.30 kg

in 80 weeks of age 23.20 kg

in 100 weeks of age 29.53 kg

Average Egg Weight

in 72 weeks of age 62.0 g

in 80 weeks of age 62.5 g

in 100 weeks of age 63.2 g



Egg Characteristics



Shell colour: attractive white

Shell breaking strength: > 40 Newton

Feed Conversion Ratio



2.0 – 2.2 kg/kg egg mass

Body weight



at 17 weeks 1.27 kg

at the end of production 1.79 kg

Liveability



Rearing 98 – 99 %

Laying period (72 weeks) 95 – 96 %

Laying period (100 weeks) 90 – 91 %

Body weight development

LOHMANN LSL-CLASSIC



Age	Min.	Max.	Standard
1	73	77	75
2	121	129	125
3	181	193	187
4	249	265	257
5	328	348	338
6	419	445	432
7	514	546	530
8	608	646	627
9	700	744	722
10	790	838	814
11	874	928	901
12	947	1005	976
13	1010	1072	1041
14	1069	1135	1102
15	1124	1194	1159
16	1179	1251	1215
17	1230	1306	1268
18	1280	1360	1320
19	1330	1412	1371
20	1379	1465	1422
21	1428	1516	1472
22	1474	1566	1520
23	1515	1609	1562
24	1550	1646	1598
25	1579	1677	1628
26	1599	1697	1648
27	1615	1715	1665
28	1630	1730	1680
29	1639	1741	1690
30	1649	1751	1700
31	1656	1758	1707
32	1659	1761	1710
33	1662	1764	1713
34	1664	1766	1715
35	1666	1770	1718

Age	Min.	Max.	Standard
36	1668	1772	1720
37	1671	1775	1723
38	1673	1777	1725
39	1676	1780	1728
40	1678	1782	1730
41	1681	1785	1733
42	1683	1787	1735
43	1686	1790	1738
44	1688	1792	1740
45	1691	1795	1743
46	1693	1797	1745
47	1695	1799	1747
48	1697	1801	1749
49	1698	1804	1751
50	1699	1805	1752
51	1701	1807	1754
52	1702	1808	1755
53	1703	1809	1756
54	1705	1811	1758
55	1706	1812	1759
56	1707	1813	1760
57	1708	1814	1761
58	1710	1816	1763
59	1711	1817	1764
60	1712	1818	1765
61	1713	1819	1766
62	1715	1821	1768
63	1716	1822	1769
64	1717	1823	1770
65	1718	1824	1771
66	1720	1826	1773
67	1721	1827	1774
68	1722	1828	1775
69	1723	1829	1776
70	1725	1831	1778

Age	Min.	Max.	Standard
71	1726	1832	1779
72	1727	1833	1780
73	1728	1834	1781
74	1729	1835	1782
75	1730	1836	1783
76	1730	1838	1784
77	1731	1839	1785
78	1732	1840	1786
79	1733	1841	1787
80	1734	1842	1788
81	1735	1843	1789
82	1736	1844	1790
83	1737	1845	1791
84	1738	1846	1792
85	1739	1847	1793
86	1740	1848	1794
87	1741	1849	1795
88	1742	1850	1796
89	1742	1850	1796
90	1744	1852	1798
91	1744	1852	1798
92	1745	1853	1799
93	1745	1853	1799
94	1746	1854	1800
95	1746	1854	1800
96	1747	1855	1801
97	1747	1855	1801
98	1748	1856	1802
99	1748	1856	1802
100	1749	1857	1803

Performance Goals

LOHMANN LSL-CLASSIC

Age in Weeks	Egg No. per H.H. cumulative	Rate of Lay %		Egg Weight g		Egg Mass	
		per H.H.	per H.D.	in Week	cumulative	g/H.D. in Week	kg/H.H. cumulative
19	0.6	9.0	9.0	41.9	41.9	3.8	0.03
20	3.2	36.4	36.5	44.4	43.9	16.2	0.14
21	7.0	54.4	54.5	47.0	45.6	25.6	0.32
22	12.0	71.7	71.9	49.4	47.2	35.5	0.57
23	17.7	82.0	82.3	51.6	48.6	42.5	0.86
24	23.9	87.6	87.9	53.6	49.9	47.1	1.19
25	30.2	90.7	91.1	55.3	51.0	50.4	1.54
26	36.7	92.5	92.9	56.5	52.0	52.5	1.91
27	43.2	93.5	94.0	57.6	52.8	54.1	2.28
28	49.8	94.0	94.6	58.5	53.6	55.3	2.67
29	56.4	94.3	94.9	59.3	54.2	56.2	3.06
30	63.0	94.5	95.1	59.9	54.8	56.9	3.46
31	69.7	94.5	95.2	60.4	55.4	57.5	3.86
32	76.3	94.6	95.3	60.8	55.8	58.0	4.26
33	82.9	94.7	95.5	61.2	56.3	58.4	4.66
34	89.5	94.7	95.6	61.6	56.7	58.8	5.07
35	96.2	94.7	95.6	61.9	57.0	59.1	5.48
36	102.8	94.6	95.5	62.1	57.3	59.3	5.89
37	109.4	94.4	95.5	62.3	57.6	59.5	6.31
38	116.0	94.3	95.4	62.5	57.9	59.6	6.72
39	122.6	94.1	95.3	62.6	58.2	59.7	7.13
40	129.1	93.9	95.2	62.8	58.4	59.8	7.54
41	135.7	93.7	95.1	62.9	58.6	59.8	7.96
42	142.3	93.5	94.9	63.1	58.8	59.9	8.37
43	148.8	93.3	94.8	63.2	59.0	59.9	8.78
44	155.3	93.1	94.6	63.3	59.2	59.9	9.19
45	161.8	92.8	94.4	63.4	59.4	59.9	9.61
46	168.3	92.5	94.2	63.5	59.5	59.8	10.02
47	174.7	92.1	93.9	63.6	59.7	59.7	10.43
48	181.2	91.8	93.6	63.7	59.8	59.7	10.84
49	187.6	91.5	93.4	63.8	60.0	59.6	11.25
50	193.9	91.2	93.2	63.9	60.1	59.6	11.65
51	200.3	90.9	92.9	64.0	60.2	59.5	12.06
52	206.6	90.5	92.7	64.1	60.3	59.4	12.47
53	212.9	90.2	92.4	64.2	60.5	59.3	12.87
54	219.2	89.8	92.1	64.3	60.6	59.2	13.28
55	225.5	89.4	91.9	64.4	60.7	59.1	13.68
56	231.7	89.0	91.6	64.5	60.8	59.1	14.08
57	237.9	88.6	91.3	64.6	60.9	58.9	14.48
58	244.1	88.2	91.0	64.7	61.0	58.8	14.88
59	250.3	87.8	90.6	64.8	61.1	58.7	15.28

Performance Goals

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Age in Weeks	Egg No. per H.H. cumulative	Rate of Lay %		Egg Weight g		Egg Mass	
		per H.H.	per H.D.	in Week	cumulative	g/H.D. in Week	kg/H.H. cumulative
60	256.4	87.4	90.3	64.9	61.2	58.6	15.68
61	262.5	87.0	90.0	64.9	61.2	58.4	16.07
62	268.5	86.6	89.7	65.0	61.3	58.3	16.47
63	274.6	86.2	89.4	65.0	61.4	58.1	16.86
64	280.6	85.7	89.0	65.1	61.5	57.9	17.25
65	286.5	85.3	88.7	65.1	61.6	57.7	17.64
66	292.5	84.8	88.3	65.2	61.6	57.5	18.03
67	298.4	84.3	87.9	65.2	61.7	57.3	18.41
68	304.2	83.8	87.5	65.3	61.8	57.1	18.79
69	310.1	83.3	87.1	65.3	61.8	56.9	19.17
70	315.8	82.7	86.6	65.3	61.9	56.6	19.55
71	321.6	82.2	86.2	65.4	62.0	56.3	19.93
72	327.3	81.5	85.6	65.4	62.0	56.0	20.30
73	333.0	80.9	85.1	65.5	62.1	55.7	20.67
74	338.6	80.3	84.6	65.5	62.1	55.4	21.04
75	344.2	79.7	84.1	65.6	62.2	55.1	21.41
76	349.7	79.1	83.6	65.6	62.3	54.8	21.77
77	355.2	78.4	83.0	65.7	62.3	54.5	22.13
78	360.6	77.8	82.5	65.7	62.4	54.2	22.49
79	366.1	77.2	82.0	65.7	62.4	53.9	22.84
80	371.4	76.5	81.4	65.8	62.5	53.5	23.20
81	376.7	75.8	80.8	65.9	62.5	53.2	23.55
82	382.0	75.1	80.2	65.9	62.5	52.8	23.89
83	387.2	74.4	79.6	65.9	62.6	52.5	24.24
84	392.3	73.7	78.9	66.0	62.6	52.1	24.58
85	397.5	73.0	78.3	66.0	62.7	51.7	24.91
86	402.5	72.2	77.6	66.1	62.7	51.3	25.25
87	407.5	71.4	76.9	66.1	62.8	50.9	25.58
88	412.4	70.6	76.2	66.2	62.8	50.4	25.90
89	417.3	69.8	75.5	66.2	62.8	50.0	26.23
90	422.2	69.0	74.7	66.2	62.9	49.5	26.55
91	426.9	68.1	74.0	66.3	62.9	49.0	26.86
92	431.6	67.3	73.2	66.3	63.0	48.5	27.18
93	436.3	66.4	72.4	66.3	63.0	48.0	27.48
94	440.9	65.5	71.6	66.4	63.0	47.5	27.79
95	445.4	64.6	70.7	66.4	63.1	47.0	28.09
96	449.9	63.7	69.9	66.4	63.1	46.4	28.39
97	454.3	62.8	69.0	66.5	63.1	45.9	28.68
98	458.6	61.8	68.1	66.5	63.2	45.3	28.97
99	462.8	60.9	67.2	66.5	63.2	44.7	29.25
100	467.0	59.9	66.3	66.5	63.2	44.1	29.53