

Lohmann

Brown-Classic

Layers in Alternative Systems



Performance Data
Body weight tables

BREEDING FOR SUCCESS ... TOGETHER



LOHMANN
BREEDERS

Performance Data

LOHMANN BROWN-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 321

in 80 weeks of age 363

in 90 weeks of age 412

Egg Mass per Hen Housed

in 72 weeks of age 20.32 kg

in 80 weeks of age 23.13 kg

in 90 weeks of age 26.39 kg

Average Egg Weight

in 72 weeks of age 63.3 g

in 80 weeks of age 63.7 g

in 90 weeks of age 64.1 g



Egg Characteristics

Shell colour: attractive brown

Shell breaking strength: > 40 Newton

Feed Conversion Ratio

2.15 – 2.25 kg/kg egg mass

Body weight

at 17 weeks 1.42 kg

at the end of production 2.05 kg

Liveability

Rearing 98 – 99 %

Laying period (72 weeks) 94 – 95 %

Laying period (90 weeks) 91 – 92 %



Body weight development

LOHMANN BROWN-CLASSIC

Age	Min.	Max.	Standard
1	73	77	75
2	126	134	130
3	189	201	195
4	265	281	273
5	355	377	366
6	455	483	469
7	556	590	573
8	657	697	677
9	754	800	777
10	847	899	873
11	934	992	963
12	1016	1078	1047
13	1094	1162	1128
14	1169	1241	1205
15	1241	1317	1279
16	1310	1392	1351
17	1378	1464	1421
18	1448	1538	1493
19	1518	1612	1565
20	1586	1684	1635
21	1650	1752	1701
22	1707	1813	1760
23	1754	1862	1808
24	1791	1901	1846
25	1818	1930	1874
26	1836	1950	1893
27	1849	1963	1906
28	1857	1971	1914
29	1860	1976	1918
30	1863	1979	1921

Age	Min.	Max.	Standard
31	1866	1982	1924
32	1868	1984	1926
33	1871	1987	1929
34	1874	1990	1932
35	1876	1992	1934
36	1878	1994	1936
37	1881	1997	1939
38	1883	1999	1941
39	1886	2002	1944
40	1888	2004	1946
41	1891	2007	1949
42	1893	2011	1952
43	1895	2013	1954
44	1897	2015	1956
45	1900	2018	1959
46	1902	2020	1961
47	1905	2023	1964
48	1907	2025	1966
49	1910	2028	1969
50	1913	2031	1972
51	1915	2033	1974
52	1917	2035	1976
53	1920	2038	1979
54	1922	2040	1981
55	1925	2045	1985
56	1926	2046	1986
57	1930	2050	1990
58	1932	2052	1992
59	1934	2054	1994
60	1936	2056	1996

Age	Min.	Max.	Standard
61	1939	2059	1999
62	1941	2061	2001
63	1944	2064	2004
64	1946	2066	2006
65	1949	2069	2009
66	1952	2072	2012
67	1954	2074	2014
68	1956	2076	2016
69	1958	2080	2019
70	1960	2082	2021
71	1963	2085	2024
72	1965	2087	2026
73	1968	2090	2029
74	1971	2093	2032
75	1973	2095	2034
76	1975	2097	2036
77	1978	2100	2039
78	1980	2102	2041
79	1983	2105	2044
80	1985	2107	2046
81	1986	2108	2047
82	1987	2109	2048
83	1988	2110	2049
84	1989	2112	2050
85	1989	2113	2051
86	1989	2113	2051
87	1990	2114	2052
88	1990	2114	2052
89	1991	2115	2053
90	1991	2115	2053

Performance Goals

LOHMANN BROWN-CLASSIC

Age in Weeks	Egg No. per H.H.	Rate of Lay %		Egg Weight g		Egg Mass	
	cumulative	per H.H.	per H.D.	in Week	cumulative	in Week	kg/H.H.
19	0.6	8.9	8.9	43.4	43.4	3.9	0.03
20	3.2	36.2	36.3	45.9	45.4	16.7	0.14
21	6.9	54.1	54.3	48.5	47.1	26.3	0.33
22	12.0	71.5	71.8	50.9	48.7	36.6	0.58
23	17.7	81.9	82.2	53.1	50.1	43.7	0.89
24	23.8	87.3	87.7	55.1	51.4	48.3	1.22
25	30.1	90.5	90.9	56.8	52.5	51.6	1.58
26	36.6	92.2	92.7	58.0	53.5	53.8	1.96
27	43.1	93.2	93.8	59.1	54.3	55.4	2.34
28	49.7	93.7	94.4	60.0	55.1	56.6	2.74
29	56.2	94.0	94.7	60.9	55.8	57.6	3.14
30	62.8	94.1	94.9	61.5	56.4	58.3	3.54
31	69.4	94.3	95.1	62.0	56.9	58.9	3.95
32	76.0	94.3	95.2	62.4	57.4	59.4	4.36
33	82.6	94.4	95.3	62.7	57.8	59.7	4.78
34	89.2	94.3	95.3	62.9	58.2	59.9	5.19
35	95.8	94.1	95.2	63.1	58.5	60.1	5.61
36	102.4	93.9	95.1	63.3	58.8	60.2	6.02
37	109.0	93.7	94.9	63.5	59.1	60.2	6.44
38	115.5	93.5	94.7	63.6	59.4	60.2	6.86
39	122.0	93.2	94.6	63.8	59.6	60.3	7.27
40	128.5	92.9	94.3	63.9	59.8	60.3	7.69
41	135.0	92.6	94.1	64.1	60.0	60.3	8.10
42	141.5	92.3	93.9	64.3	60.2	60.3	8.52
43	147.9	92.0	93.7	64.4	60.4	60.3	8.93
44	154.3	91.7	93.5	64.6	60.6	60.3	9.35
45	160.7	91.4	93.2	64.7	60.7	60.3	9.76
46	167.1	91.0	92.9	64.8	60.9	60.2	10.17
47	173.4	90.4	92.4	64.9	61.0	60.0	10.59
48	179.7	90.1	92.1	65.0	61.2	59.9	11.00
49	186.0	89.7	91.8	65.1	61.3	59.8	11.40
50	192.3	89.1	91.4	65.2	61.4	59.6	11.81
51	198.5	88.7	91.1	65.3	61.6	59.5	12.22
52	204.7	88.3	90.7	65.4	61.7	59.3	12.62
53	210.8	87.8	90.4	65.5	61.8	59.2	13.02
54	216.9	87.4	90.0	65.6	61.9	59.0	13.42
55	223.0	86.9	89.7	65.6	62.0	58.8	13.82



Performance Goals

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Age in Weeks	Egg No. per H.H.	Rate of Lay %		Egg Weight g		Egg Mass	
	cumulative	per H.H.	per H.D.	in Week	cumulative	in Week	kg/H.H.
56	229.1	86.5	89.3	65.7	62.1	58.7	14.22
57	235.1	86.0	88.9	65.8	62.2	58.5	14.62
58	241.1	85.5	88.5	65.8	62.3	58.2	15.01
59	247.0	85.1	88.2	65.9	62.4	58.1	15.40
60	252.9	84.6	87.8	66.0	62.4	57.9	15.79
61	258.8	84.0	87.4	66.0	62.5	57.7	16.18
62	264.7	83.5	87.0	66.1	62.6	57.5	16.57
63	270.5	83.1	86.6	66.2	62.7	57.3	16.95
64	276.3	82.6	86.2	66.2	62.8	57.1	17.34
65	282.0	82.1	85.8	66.3	62.8	56.9	17.72
66	287.7	81.5	85.3	66.3	62.9	56.6	18.10
67	293.4	81.0	84.9	66.4	63.0	56.4	18.47
68	299.0	80.4	84.5	66.4	63.0	56.1	18.85
69	304.6	79.9	84.0	66.5	63.1	55.9	19.22
70	310.1	79.3	83.6	66.5	63.2	55.6	19.59
71	315.7	78.6	83.0	66.6	63.2	55.3	19.95
72	321.1	78.0	82.5	66.6	63.3	55.0	20.32
73	326.5	77.4	82.0	66.7	63.3	54.7	20.68
74	331.9	76.7	81.5	66.7	63.4	54.4	21.04
75	337.2	76.1	80.9	66.8	63.4	54.0	21.39
76	342.5	75.5	80.4	66.8	63.5	53.7	21.75
77	347.7	74.8	79.8	66.9	63.5	53.4	22.10
78	352.9	74.2	79.3	66.9	63.6	53.1	22.44
79	358.1	73.5	78.7	67.0	63.6	52.7	22.79
80	363.2	72.8	78.2	67.1	63.7	52.4	23.13
81	368.2	72.2	77.6	67.1	63.7	52.1	23.47
82	373.2	71.5	77.0	67.2	63.8	51.7	23.80
83	378.2	70.8	76.4	67.2	63.8	51.4	24.14
84	383.1	70.1	75.9	67.3	63.9	51.1	24.47
85	388.0	69.4	75.3	67.4	63.9	50.7	24.80
86	392.8	68.7	74.7	67.4	64.0	50.3	25.12
87	397.5	68.0	74.1	67.5	64.0	50.0	25.44
88	402.2	67.3	73.4	67.5	64.0	49.6	25.76
89	406.9	66.6	72.8	67.6	64.1	49.2	26.07
90	411.5	65.9	72.2	67.7	64.1	48.8	26.39