

# PERFORMANCE DATA

## LOHMANN BROWN-CLASSIC Layer

<b>Egg Production</b>	Age at 50% production	140–145 days
	Peak production	94–96 %
	<b>Eggs per Hen Housed</b>	
	in 72 weeks of age	323.8
	in 80 weeks of age	366.8
	in 100 weeks of age	461.1
	<b>Egg Mass per Hen Housed</b>	
	in 72 weeks of age	20.63 kg
	in 80 weeks of age	23.52 kg
	in 100 weeks of age	29.92 kg
<b>Average Egg Weight</b>	in 72 weeks of age	63.7 g
	in 80 weeks of age	64.1 g
	in 100 weeks of age	64.9 g
<b>Egg Characteristics</b>	Shell colour	attractive brown
	Shell breaking strength	>40 Newton
<b>Feed Conversion Ratio</b>	2.0–2.2 kg/kg egg mass	
<b>Body Weight</b>	at 17 weeks	1.42 kg
	at the end of production	2.06 kg
<b>Liveability</b>	Rearing	98–99 %
	Laying period (72 weeks)	95–96 %
	Laying period (100 weeks)	90–91 %

## GENERAL INFORMATION

### Body Weight Development of LOHMANN BROWN-CLASSIC

Week 1–50

Age in Weeks	Weight Range (g)	Weight Average (g)	Age in Weeks	Weight Range (g)	Weight Average (g)
1	73–77	75	26	1836–1950	1893
2	126–134	130	27	1849–1963	1906
3	189–201	195	28	1857–1971	1914
4	265–281	273	29	1860–1976	1918
5	355–377	366	30	1863–1979	1921
6	455–483	469	31	1866–1982	1924
7	556–590	573	32	1868–1984	1926
8	657–697	677	33	1871–1987	1929
9	754–800	777	34	1874–1990	1932
10	847–899	873	35	1876–1992	1934
11	934–992	963	36	1878–1994	1936
12	1016–1078	1047	37	1881–1997	1939
13	1094–1162	1128	38	1883–1999	1941
14	1169–1241	1205	39	1886–2002	1944
15	1241–1317	1279	40	1888–2004	1946
16	1310–1392	1351	41	1891–2007	1949
17	1378–1464	1421	42	1893–2011	1952
18	1448–1538	1493	43	1895–2013	1954
19	1518–1612	1565	44	1897–2015	1956
20	1586–1684	1635	45	1900–2018	1959
21	1650–1752	1701	46	1902–2020	1961
22	1707–1813	1760	47	1905–2023	1964
23	1754–1862	1808	48	1907–2025	1966
24	1791–1901	1846	49	1910–2028	1969
25	1818–1930	1874	50	1913–2031	1972

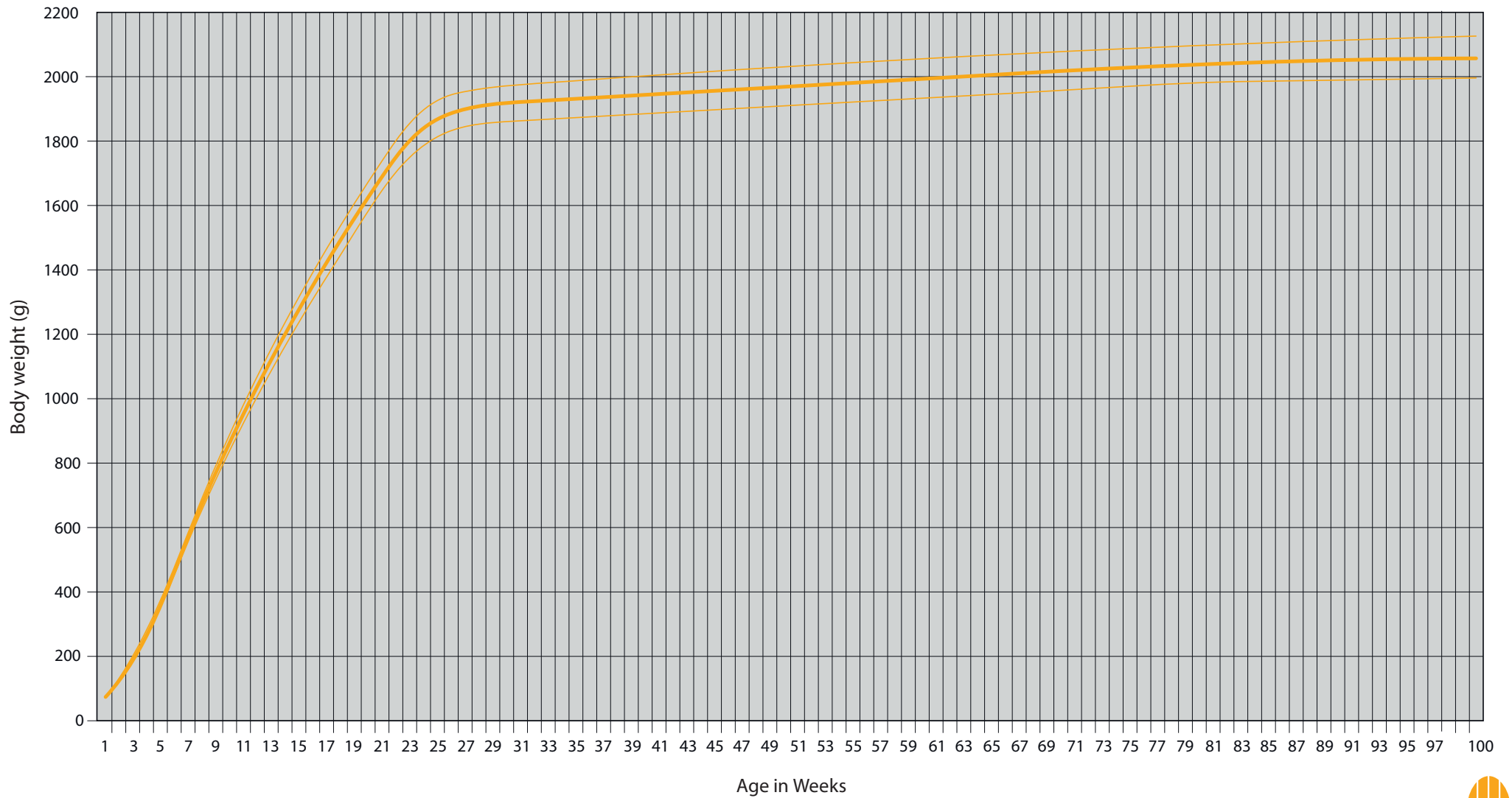
### Body Weight Development of LOHMANN BROWN-CLASSIC

Week 51–95

Age in Weeks	Weight Range (g)	Weight Average (g)	Age in Weeks	Weight Range (g)	Weight Average (g)
51	1915–2033	1974	76	1975–2097	2036
52	1917–2035	1976	77	1978–2100	2039
53	1920–2038	1979	78	1980–2102	2041
54	1922–2040	1981	79	1983–2105	2044
55	1925–2045	1985	80	1985–2107	2046
56	1926–2046	1986	81	1986–2108	2047
57	1930–2050	1990	82	1987–2109	2048
58	1932–2052	1992	83	1988–2110	2049
59	1934–2054	1994	84	1989–2112	2050
60	1936–2056	1996	85	1989–2113	2051
61	1939–2059	1999	86	1990–2114	2052
62	1941–2061	2001	87	1991–2115	2053
63	1944–2064	2004	88	1992–2116	2054
64	1946–2066	2006	89	1992–2116	2054
65	1949–2069	2009	90	1993–2117	2055
66	1952–2072	2012	91	1994–2118	2056
67	1954–2074	2014	92	1994–2118	2056
68	1956–2076	2016	93	1995–2119	2057
69	1958–2080	2019	94	1995–2119	2057
70	1960–2082	2021	95	1996–2120	2058
71	1963–2085	2024	96	1997–2121	2059
72	1965–2087	2026	97	1997–2121	2059
73	1968–2090	2029	98	1998–2122	2060
74	1971–2093	2032	99	1998–2122	2060
75	1973–2095	2034	100	1999–2123	2061

# GENERAL INFORMATION

Growth and Body Weight (g) Development Curve of LOHMANN BROWN-CLASSIC



# GENERAL INFORMATION

**Table 18: Performance Goals of LOHMANN BROWN-CLASSIC – Week 19–45**

Age in Weeks	Egg No. per H.H.	Rate of Lay %		Egg Weight g		Egg Mass g/H.D. kg/H.H	
	Cumulative	per H.H.	per H.D.	in Week	Cumulative	in Week	Cumulative
19	0.6	9.0	9.0	43.6	43.6	3.9	0.03
20	3.2	36.3	36.4	46.1	45.6	16.8	0.14
21	7.0	54.3	54.4	48.7	47.3	26.5	0.33
22	12.0	71.7	71.9	51.1	48.9	36.7	0.59
23	17.7	82.1	82.3	53.3	50.3	43.9	0.89
24	23.9	87.6	87.9	55.3	51.6	48.6	1.23
25	30.2	90.7	91.1	57.0	52.7	51.9	1.59
26	36.7	92.5	92.9	58.2	53.7	54.1	1.97
27	43.2	93.5	94.0	59.3	54.5	55.7	2.36
28	49.8	94.0	94.6	60.2	55.3	56.9	2.75
29	56.4	94.3	94.9	61.0	56.0	57.8	3.16
30	63.0	94.5	95.1	61.6	56.5	58.5	3.56
31	69.7	94.6	95.3	62.1	57.1	59.2	3.98
32	76.3	94.7	95.4	62.5	57.5	59.6	4.39
33	82.9	94.7	95.5	62.9	58.0	60.1	4.81
34	89.5	94.6	95.5	63.3	58.4	60.4	5.23
35	96.2	94.5	95.4	63.7	58.7	60.7	5.65
36	102.8	94.3	95.3	63.9	59.1	60.9	6.07
37	109.3	94.1	95.1	64.1	59.4	61.0	6.49
38	115.9	93.8	94.9	64.3	59.6	61.0	6.91
39	122.5	93.6	94.8	64.4	59.9	61.1	7.33
40	129.0	93.3	94.6	64.6	60.1	61.1	7.76
41	135.5	93.1	94.4	64.7	60.4	61.1	8.18
42	142.0	92.8	94.2	64.9	60.6	61.1	8.60
43	148.5	92.6	94.0	65.0	60.8	61.1	9.02
44	154.9	92.3	93.8	65.1	60.9	61.0	9.44
45	161.4	91.9	93.5	65.2	61.1	61.0	9.86

**Table 18: Performance Goals of LOHMANN BROWN-CLASSIC – Week 46–72**

Age in Weeks	Egg No. per H.H.	Rate of Lay %		Egg Weight g		Egg Mass g/H.D. kg/H.H	
	Cumulative	per H.H.	per H.D.	in Week	Cumulative	in Week	Cumulative
46	167.8	91.6	93.2	65.3	61.3	60.9	10.28
47	174.2	91.2	92.9	65.4	61.4	60.8	10.70
48	180.5	90.8	92.6	65.5	61.6	60.7	11.11
49	186.9	90.4	92.3	65.6	61.7	60.6	11.53
50	193.2	90.0	92.0	65.7	61.8	60.5	11.94
51	199.4	89.6	91.7	65.8	62.0	60.4	12.36
52	205.7	89.2	91.3	65.9	62.1	60.2	12.77
53	211.9	88.8	91.0	66.0	62.2	60.0	13.18
54	218.1	88.3	90.6	66.1	62.3	59.9	13.59
55	224.2	87.9	90.3	66.1	62.4	59.7	13.99
56	230.4	87.5	89.9	66.2	62.5	59.5	14.40
57	236.5	87.0	89.5	66.2	62.6	59.3	14.80
58	242.5	86.6	89.2	66.3	62.7	59.1	15.20
59	248.5	86.1	88.8	66.3	62.8	58.9	15.60
60	254.5	85.6	88.4	66.4	62.9	58.7	16.00
61	260.5	85.2	88.1	66.4	63.0	58.5	16.40
62	266.4	84.7	87.7	66.5	63.0	58.3	16.79
63	272.3	84.2	87.3	66.6	63.1	58.1	17.19
64	278.2	83.8	86.9	66.6	63.2	57.9	17.58
65	284.0	83.3	86.5	66.7	63.3	57.7	17.97
66	289.8	82.8	86.1	66.8	63.3	57.5	18.35
67	295.6	82.3	85.7	66.8	63.4	57.3	18.74
68	301.3	81.8	85.3	66.9	63.5	57.1	19.12
69	307.0	81.3	84.9	66.9	63.5	56.8	19.50
70	312.6	80.7	84.4	67.0	63.6	56.6	19.88
71	318.3	80.2	83.9	67.0	63.6	56.3	20.26
72	323.8	79.6	83.4	67.1	63.7	56.0	20.63

## GENERAL INFORMATION

Table 18: Performance Goals of LOHMANN BROWN-CLASSIC – Week 73–100

Age in Weeks	Egg No. per H.H.	Rate of Lay %		Egg Weight g		Egg Mass g/H.D. kg/H.H	
	Cumulative	per H.H.	per H.D.	in Week	Cumulative	in Week	Cumulative
73	329.4	79.0	82.9	67.1	63.8	55.7	21.00
74	334.8	78.4	82.4	67.2	63.8	55.4	21.37
75	340.3	77.7	81.9	67.2	63.9	55.1	21.74
76	345.7	77.1	81.3	67.3	63.9	54.7	22.10
77	351.0	76.5	80.8	67.3	64.0	54.4	22.46
78	356.3	75.9	80.3	67.4	64.0	54.1	22.82
79	361.6	75.2	79.7	67.4	64.1	53.7	23.17
80	366.8	74.6	79.2	67.5	64.1	53.4	23.52
81	372.0	73.9	78.6	67.5	64.2	53.1	23.87
82	377.1	73.3	78.0	67.6	64.2	52.7	24.22
83	382.2	72.6	77.4	67.6	64.3	52.3	24.56
84	387.3	71.9	76.8	67.6	64.3	52.0	24.91
85	392.3	71.3	76.3	67.7	64.4	51.6	25.24
86	397.2	70.6	75.7	67.7	64.4	51.2	25.58
87	402.1	69.9	75.0	67.8	64.4	50.9	25.91
88	406.9	69.2	74.4	67.8	64.5	50.5	26.24
89	411.7	68.5	73.8	67.8	64.5	50.1	26.56
90	416.5	67.8	73.2	67.9	64.6	49.7	26.88
91	421.2	67.1	72.5	67.9	64.6	49.3	27.20
92	425.8	66.4	71.9	67.9	64.6	48.8	27.52
93	430.4	65.7	71.2	68.0	64.7	48.4	27.83
94	435.0	64.9	70.6	68.0	64.7	48.0	28.14
95	439.4	64.2	69.9	68.0	64.7	47.6	28.45
96	443.9	63.5	69.3	68.1	64.8	47.1	28.75
97	448.3	62.7	68.6	68.1	64.8	46.7	29.05
98	452.6	62.0	67.9	68.1	64.8	46.2	29.34
99	456.9	61.2	67.2	68.1	64.9	45.8	29.64
100	461.1	60.4	66.5	68.1	64.9	45.3	29.92

Table 19: Egg Grading for LOHMANN BROWN-CLASSIC

Age in Weeks	Expected Egg Grades (%) Weekly				Expected Egg Grades (%) Cumulative up to Week			
	S	M	L	XL	S	M	L	XL
	below 53 g	53–63 g	63–73 g	above 73 g	below 53 g	53–63 g	63–73 g	above 73 g
20	98.9	1.1	0.0	0.0	99.1	0.9	0.0	0.0
25	14.0	80.7	5.3	0.0	50.9	47.6	1.5	0.0
30	1.6	62.1	36.1	0.2	26.5	60.5	13.0	0.0
35	0.5	42.8	55.5	1.2	17.7	56.9	25.1	0.3
40	0.3	34.9	62.6	2.2	13.3	52.0	34.0	0.7
45	0.2	30.0	66.5	3.3	10.6	48.0	40.3	1.1
50	0.1	26.2	69.3	4.4	8.9	44.6	44.9	1.6
55	0.1	23.4	71.1	5.4	7.7	41.8	48.4	2.1
60	0.1	21.4	72.1	6.4	6.8	39.5	51.2	2.5
65	0.1	19.6	73.0	7.3	6.1	37.5	53.4	3.0
70	0.1	17.9	73.7	8.3	5.6	35.8	55.2	3.4
75	0.1	16.8	74.0	9.1	5.1	34.2	56.8	3.9
80	0.0	15.2	74.2	10.6	4.7	33.0	58.0	4.3
85	0.0	14.2	74.3	11.5	4.4	31.8	59.1	4.7
90	0.0	13.3	74.3	12.4	4.2	30.6	60.0	5.2
95	0.0	12.9	74.2	12.9	4.0	29.7	60.7	5.6
100	0.0	12.4	74.1	13.5	3.8	29.0	61.3	5.9

# GENERAL INFORMATION

Egg Production Curve for LOHMANN BROWN-CLASSIC Layers

