

LOHMANN BROWN-CLASSIC

LAYERS



MANAGEMENT GUIDE CAGE HOUSING

BREEDING FOR SUCCESS ... TOGETHER



LOHMANN
BREEDERS

PERFORMANCE DATA

LOHMANN BROWN-CLASSIC Layer

Egg Production	Age at 50% production	140–145 days
	Peak production	94–96%
	Eggs per Hen Housed	
	in 72 weeks of age	324
	in 80 weeks of age	367
	in 100 weeks of age	461
	Egg Mass per Hen Housed	
	in 72 weeks of age	20.63 kg
	in 80 weeks of age	23.52 kg
	in 100 weeks of age	29.92 kg
Average Egg Weight	in 72 weeks of age	63.7 g
	in 80 weeks of age	64.1 g
	in 100 weeks of age	64.9 g
Egg Characteristics	Shell colour	attractive brown
	Shell breaking strength	> 40 Newton
Feed Conversion Ratio	2.0–2.2 kg/kg egg mass	
Body Weight	at 17 weeks	1.42 kg
	at the end of production	2.06 kg
Liveability	Rearing	98–99 %
	Laying period (72 weeks)	95–96 %
	Laying period (100 weeks)	90–91 %



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