

# Performance Tables

## Growing Period

AGE (weeks)	BODY WEIGHT* (g)	FEED INTAKE (g / day per bird)	UNIFORMITY (Cage)
1	68 – 72	14 – 15	>85%
2	121 – 129	17 – 21	
3	184 – 196	23 – 25	
4	257 – 273	27 – 29	>80%
5	349 – 371	34 – 36	
6	446 – 474	38 – 40	
7	543 – 577	41 – 43	>85%
8	650 – 690	45 – 47	
9	757 – 803	49 – 53	
10	863 – 917	52 – 56	
11	960 – 1020	58 – 62	
12	1048 – 1112	62 – 66	>85%
13	1125 – 1195	67 – 71	
14	1193 – 1267	70 – 74	
15	1261 – 1339	72 – 76	
16	1329 – 1411	75 – 79	
17	1397 – 1483	78 – 82	>90%

## Laying Period

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED CONSUMPTION (g / day per bird)	HEN-HOUSED EGG MASS Cumulative (kg)	AVERAGE EGG WEIGHT* (g / egg)
18	4 – 14	0.3 – 1.0	0.3 – 1.0	0.0	1.47 – 1.57	82 – 88	0.0	48.8 – 50.0
19	24 – 38	2.0 – 3.6	2.0 – 3.6	0.1	1.57 – 1.67	85 – 91	0.1	49.0 – 51.0
20	45 – 72	5.1 – 8.7	5.1 – 8.7	0.1	1.63 – 1.73	91 – 97	0.3	50.2 – 52.2
21	75 – 86	10.4 – 14.7	10.3 – 14.7	0.2	1.67 – 1.77	95 – 101	0.5	51.5 – 53.6
22	87 – 92	16.5 – 21.1	16.4 – 21.1	0.3	1.72 – 1.82	99 – 105	0.9	53.1 – 55.3
23	92 – 94	22.9 – 27.7	22.8 – 27.7	0.3	1.75 – 1.85	103 – 109	1.2	54.4 – 56.6
24	92 – 95	29.3 – 34.4	29.2 – 34.3	0.4	1.78 – 1.90	105 – 111	1.6	55.5 – 57.7
25	93 – 95	35.8 – 41.0	35.7 – 40.9	0.4	1.79 – 1.91	106 – 112	2.0	56.6 – 59.0
26	94 – 96	42.4 – 47.7	42.3 – 47.6	0.5	1.80 – 1.92	107 – 113	2.3	57.3 – 59.7
27	95 – 96	49.1 – 54.5	48.9 – 54.3	0.6	1.82 – 1.94	107 – 113	2.7	58.4 – 60.8
28	95 – 96	55.7 – 61.2	55.5 – 60.9	0.6	1.83 – 1.95	107 – 113	3.1	59.0 – 61.4
29	95 – 96	62.4 – 67.9	62.1 – 67.6	0.7	1.84 – 1.96	107 – 113	3.5	59.3 – 61.7
30	94 – 96	69.0 – 74.6	68.6 – 74.3	0.7	1.84 – 1.96	107 – 113	3.9	59.7 – 62.1
31	94 – 96	75.5 – 81.3	75.1 – 80.9	0.8	1.84 – 1.96	108 – 114	4.3	59.9 – 62.3
32	94 – 95	82.1 – 88.0	81.7 – 87.5	0.9	1.85 – 1.97	108 – 114	4.7	60.1 – 62.5
33	94 – 95	88.7 – 94.6	88.2 – 94.1	0.9	1.85 – 1.97	108 – 114	5.1	60.3 – 62.7
34	94 – 95	95.3 – 101.3	94.7 – 100.7	1.0	1.85 – 1.97	108 – 114	5.5	60.5 – 62.9
35	94 – 95	101.9 – 107.9	101.2 – 107.3	1.0	1.85 – 1.97	108 – 114	5.9	60.6 – 63.0
36	93 – 94	108.4 – 114.5	107.6 – 113.8	1.1	1.86 – 1.98	108 – 114	6.3	60.7 – 63.1
37	93 – 94	114.9 – 121.1	114.1 – 120.3	1.2	1.86 – 1.98	108 – 114	6.7	60.8 – 63.2
38	93 – 94	121.4 – 127.7	120.5 – 126.8	1.2	1.86 – 1.98	108 – 114	7.1	60.9 – 63.3
39	92 – 93	127.8 – 134.2	126.9 – 133.2	1.3	1.87 – 1.99	108 – 114	7.5	61.0 – 63.4
40	92 – 93	134.3 – 140.7	133.2 – 139.6	1.4	1.87 – 1.99	108 – 114	7.9	61.1 – 63.5
41	91 – 93	140.6 – 147.2	139.5 – 146.0	1.4	1.87 – 1.99	108 – 114	8.3	61.2 – 63.6
42	91 – 92	147.0 – 153.7	145.8 – 152.4	1.5	1.88 – 2.00	108 – 114	8.7	61.3 – 63.9
43	90 – 92	153.3 – 160.1	152.0 – 158.7	1.6	1.88 – 2.00	108 – 114	9.1	61.5 – 64.1
44	90 – 92	159.6 – 166.5	158.1 – 165.0	1.6	1.88 – 2.00	108 – 114	9.5	61.6 – 64.2
45	89 – 91	165.8 – 172.9	164.3 – 171.3	1.7	1.89 – 2.01	107 – 113	9.9	61.6 – 64.2

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Performance Tables *(continued)*

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED CONSUMPTION (g / day per bird)	HEN-HOUSED EGG MASS Cumulative (kg)	AVERAGE EGG WEIGHT* (g / egg)
46	89 – 91	172.1 – 179.3	170.4 – 177.6	1.8	1.89 – 2.01	107 – 113	10.3	61.7 – 64.3
47	88 – 90	178.2 – 185.6	176.4 – 183.7	1.9	1.89 – 2.01	107 – 113	10.6	61.8 – 64.4
48	88 – 90	184.4 – 191.9	182.5 – 189.9	1.9	1.89 – 2.01	107 – 113	11.0	61.9 – 64.5
49	88 – 90	190.5 – 198.2	188.5 – 196.1	2.0	1.89 – 2.01	107 – 113	11.4	62.0 – 64.6
50	88 – 89	196.7 – 204.4	194.5 – 202.2	2.1	1.89 – 2.01	107 – 113	11.8	62.1 – 64.7
51	87 – 89	202.8 – 210.6	200.5 – 208.3	2.1	1.89 – 2.01	106 – 112	12.2	62.1 – 64.7
52	87 – 89	208.9 – 216.9	206.4 – 214.4	2.2	1.89 – 2.01	106 – 112	12.5	62.2 – 64.8
53	87 – 88	215.0 – 223.0	212.4 – 220.4	2.3	1.89 – 2.01	106 – 112	12.9	62.2 – 64.8
54	87 – 88	221.1 – 229.2	218.3 – 226.4	2.3	1.89 – 2.01	106 – 112	13.3	62.2 – 64.8
55	86 – 88	227.1 – 235.3	224.2 – 232.4	2.4	1.90 – 2.02	106 – 112	13.7	62.2 – 64.8
56	86 – 87	233.1 – 241.4	230.1 – 238.4	2.5	1.90 – 2.02	106 – 112	14.0	62.3 – 64.9
57	85 – 87	239.1 – 247.5	235.9 – 244.3	2.6	1.90 – 2.02	106 – 112	14.4	62.3 – 64.9
58	85 – 87	245.0 – 253.6	241.7 – 250.2	2.6	1.90 – 2.02	106 – 112	14.8	62.3 – 64.9
59	85 – 87	251.0 – 259.7	247.5 – 256.1	2.7	1.90 – 2.02	106 – 112	15.1	62.4 – 65.0
60	84 – 86	256.8 – 265.7	253.2 – 262.0	2.8	1.90 – 2.02	106 – 112	15.5	62.4 – 65.0
61	84 – 86	262.7 – 271.7	258.9 – 267.8	2.9	1.90 – 2.02	106 – 112	15.9	62.5 – 65.1
62	83 – 86	268.5 – 277.8	264.5 – 273.7	2.9	1.90 – 2.02	106 – 112	16.2	62.5 – 65.1
63	83 – 85	274.3 – 283.7	270.1 – 279.4	3.0	1.90 – 2.02	106 – 112	16.6	62.6 – 65.2
64	83 – 85	280.1 – 289.7	275.8 – 285.2	3.1	1.90 – 2.02	106 – 112	16.9	62.6 – 65.2
65	83 – 85	286.0 – 295.6	281.4 – 291.0	3.2	1.90 – 2.02	106 – 112	17.3	62.7 – 65.3
66	82 – 84	291.7 – 301.5	286.9 – 296.6	3.3	1.90 – 2.02	106 – 112	17.7	62.7 – 65.3
67	81 – 84	297.4 – 307.4	292.4 – 302.3	3.4	1.90 – 2.02	106 – 112	18.0	62.8 – 65.4
68	81 – 83	303.0 – 313.2	297.9 – 307.9	3.5	1.90 – 2.02	106 – 112	18.4	62.8 – 65.4
69	81 – 82	308.7 – 318.9	303.3 – 313.4	3.7	1.90 – 2.02	106 – 112	18.7	62.9 – 65.5
70	80 – 82	314.3 – 324.7	308.7 – 319.0	3.8	1.91 – 2.03	106 – 112	19.1	62.9 – 65.5
71	79 – 81	319.8 – 330.3	314.0 – 324.4	3.9	1.91 – 2.03	106 – 112	19.4	63.0 – 65.6
72	79 – 81	325.4 – 336.0	319.3 – 329.9	4.0	1.91 – 2.03	106 – 112	19.7	63.0 – 65.6
73	78 – 80	330.8 – 341.6	324.6 – 335.2	4.1	1.91 – 2.03	106 – 112	20.1	63.1 – 65.7
74	77 – 80	336.2 – 347.2	329.7 – 340.6	4.3	1.91 – 2.03	106 – 112	20.4	63.1 – 65.7
75	76 – 79	341.5 – 352.7	334.8 – 345.9	4.4	1.91 – 2.03	106 – 112	20.7	63.2 – 65.8
76	76 – 78	346.9 – 358.2	339.9 – 351.1	4.5	1.91 – 2.03	106 – 112	21.1	63.2 – 65.8
77	75 – 77	352.1 – 363.6	344.9 – 356.2	4.7	1.91 – 2.03	106 – 112	21.4	63.3 – 65.9
78	75 – 77	357.4 – 369.0	349.9 – 361.3	4.8	1.91 – 2.03	106 – 112	21.7	63.3 – 65.9
79	74 – 77	362.5 – 374.4	354.8 – 366.5	5.0	1.91 – 2.03	106 – 112	22.0	63.4 – 66.0
80	74 – 76	367.7 – 379.7	359.7 – 371.5	5.1	1.91 – 2.03	106 – 112	22.4	63.5 – 66.1
81	74 – 76	372.9 – 385.0	364.6 – 376.5	5.3	1.91 – 2.03	106 – 112	22.7	63.5 – 66.1
82	74 – 76	378.1 – 390.3	369.5 – 381.6	5.4	1.91 – 2.03	106 – 112	23.0	63.5 – 66.1
83	73 – 75	383.2 – 395.6	374.4 – 386.5	5.6	1.91 – 2.03	106 – 112	23.3	63.6 – 66.2
84	73 – 75	388.3 – 400.8	379.2 – 391.5	5.7	1.91 – 2.03	106 – 112	23.6	63.6 – 66.2
85	73 – 75	393.4 – 406.1	384.0 – 396.4	5.9	1.91 – 2.03	106 – 112	23.9	63.6 – 66.2
86	73 – 75	398.5 – 411.3	388.8 – 401.4	6.0	1.91 – 2.03	106 – 112	24.2	63.6 – 66.2
87	72 – 74	403.6 – 416.5	393.5 – 406.2	6.2	1.91 – 2.03	106 – 112	24.5	63.7 – 66.3
88	72 – 74	408.6 – 421.7	398.2 – 411.1	6.3	1.91 – 2.03	106 – 112	24.9	63.7 – 66.3
89	72 – 74	413.6 – 426.9	402.9 – 415.9	6.5	1.91 – 2.03	106 – 112	25.2	63.7 – 66.3
90	72 – 74	418.7 – 432.0	407.7 – 420.7	6.6	1.91 – 2.03	106 – 112	25.5	63.7 – 66.3

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Post-Molt Performance Table

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED CONSUMPTION (g / day per bird)	HEN-HOUSED EGG MASS Cumulative (kg)	AVERAGE EGGWEIGHT* (g / egg)
69	0 – 0	299.2 – 309.4	294.1 – 304.2	3.7	1.71 – 1.81	54.0 – 64.0	18.0	–
70	0 – 0	299.2 – 309.4	294.1 – 304.2	3.9	1.74 – 1.84	54.0 – 64.0	18.0	–
71	0 – 0	299.2 – 309.4	294.1 – 304.2	4.1	1.77 – 1.87	64.0 – 95.0	18.0	–
72	12 – 15	300.0 – 310.4	294.9 – 305.2	4.2	1.81 – 1.91	85.0 – 95.0	18.1	64.0
73	38 – 41	302.7 – 313.3	297.4 – 307.9	4.3	1.85 – 1.95	90.0 – 100.0	18.2	64.1
74	62 – 65	307.0 – 317.8	301.6 – 312.3	4.4	1.86 – 1.96	95.0 – 105.0	18.5	64.2
75	76 – 79	312.3 – 323.4	306.7 – 317.6	4.5	1.87 – 1.97	100.0 – 110.0	18.8	64.3
76	80 – 83	317.9 – 329.2	312.0 – 323.1	4.6	1.88 – 1.98	103.0 – 113.0	19.2	64.4
77	82 – 85	323.7 – 335.1	317.5 – 328.8	4.7	1.88 – 1.98	104.0 – 114.0	19.5	64.5
78	85 – 87	329.6 – 341.2	323.1 – 334.6	4.9	1.88 – 1.98	105.0 – 115.0	19.9	64.6
79	85 – 87	335.6 – 347.3	328.8 – 340.4	5.0	1.88 – 1.98	106.0 – 116.0	20.2	64.7
80	85 – 87	341.5 – 353.4	334.4 – 346.1	5.1	1.89 – 1.99	107.0 – 117.0	20.6	64.8
81	86 – 88	347.5 – 359.6	340.1 – 352.0	5.2	1.89 – 1.99	107.0 – 117.0	21.0	64.9
82	86 – 88	353.5 – 365.7	345.8 – 357.8	5.4	1.90 – 2.00	108.0 – 118.0	21.3	65.0
83	85 – 87	359.5 – 371.8	351.5 – 363.6	5.5	1.90 – 2.00	108.0 – 118.0	21.7	65.1
84	85 – 87	365.4 – 377.9	357.1 – 369.3	5.7	1.90 – 2.00	109.0 – 119.0	22.1	65.1
85	84 – 87	371.3 – 384.0	362.6 – 375.0	5.8	1.91 – 2.01	109.0 – 119.0	22.4	65.2
86	84 – 87	377.2 – 390.1	368.1 – 380.8	6.0	1.91 – 2.01	110.0 – 120.0	22.8	65.2
87	83 – 86	383.0 – 396.1	373.6 – 386.4	6.1	1.91 – 2.01	110.0 – 120.0	23.2	65.3
88	83 – 86	388.8 – 402.1	379.0 – 392.1	6.3	1.91 – 2.01	110.0 – 120.0	23.5	65.3
89	83 – 86	394.6 – 408.1	384.5 – 397.7	6.4	1.91 – 2.01	110.0 – 120.0	23.9	65.4
90	82 – 85	400.4 – 414.1	389.8 – 403.3	6.6	1.92 – 2.02	110.0 – 120.0	24.2	65.4
91	82 – 85	406.1 – 420.0	395.2 – 408.8	6.8	1.92 – 2.02	110.0 – 120.0	24.6	65.5
92	81 – 84	411.8 – 425.9	400.5 – 414.3	6.9	1.92 – 2.02	111.0 – 121.0	24.9	65.5
93	81 – 84	417.5 – 431.8	405.7 – 419.7	7.1	1.92 – 2.02	111.0 – 121.0	25.3	65.5
94	81 – 84	423.1 – 437.7	411.0 – 425.2	7.3	1.92 – 2.02	111.0 – 121.0	25.6	65.5
95	80 – 83	428.7 – 443.5	416.2 – 430.6	7.4	1.92 – 2.02	110.0 – 120.0	25.9	65.5
96	80 – 83	434.3 – 449.3	421.4 – 435.9	7.6	1.93 – 2.03	110.0 – 120.0	26.3	65.5
97	80 – 83	439.9 – 455.1	426.5 – 441.3	7.8	1.93 – 2.03	110.0 – 120.0	26.6	65.5
98	79 – 82	445.5 – 460.8	431.6 – 446.6	7.9	1.93 – 2.03	109.0 – 119.0	26.9	65.5
99	79 – 82	451.0 – 466.6	436.7 – 451.9	8.1	1.93 – 2.03	109.0 – 119.0	27.3	65.6
100	79 – 82	456.5 – 472.3	441.8 – 457.1	8.3	1.93 – 2.03	109.0 – 119.0	27.6	65.6
101	78 – 81	462.0 – 478.0	446.8 – 462.3	8.5	1.93 – 2.03	108.0 – 118.0	27.9	65.6
102	78 – 81	467.4 – 483.7	451.7 – 467.5	8.7	1.94 – 2.03	108.0 – 118.0	28.3	65.6
103	78 – 81	472.9 – 489.3	456.7 – 472.7	8.9	1.94 – 2.03	107.0 – 117.0	28.6	65.6
104	77 – 80	478.3 – 494.9	461.6 – 477.7	9.1	1.94 – 2.03	107.0 – 117.0	28.9	65.7
105	77 – 80	483.7 – 500.5	466.5 – 482.8	9.3	1.94 – 2.03	106.0 – 116.0	29.2	65.7
106	77 – 80	489.1 – 506.1	471.4 – 487.9	9.5	1.94 – 2.03	106.0 – 116.0	29.6	65.7
107	76 – 79	494.4 – 511.7	476.2 – 492.9	9.7	1.94 – 2.04	105.0 – 115.0	29.9	65.7
108	76 – 79	499.7 – 517.2	481.0 – 497.9	9.9	1.95 – 2.05	105.0 – 115.0	30.2	65.7
109	76 – 79	505.0 – 522.7	485.8 – 502.8	10.1	1.95 – 2.05	104.0 – 114.0	30.5	65.7
110	76 – 79	510.3 – 528.3	490.5 – 507.8	10.4	1.95 – 2.05	104.0 – 114.0	30.8	65.7

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Performance Tables

## Growing Period

AGE (weeks)	BODY WEIGHT (g)	FEED INTAKE (g / bird per day)	UNIFORMITY (Cage)
1	61 – 69	14 – 15	>85%
2	112 – 118	14 – 18	
3	176 – 184	18 – 20	
4	245 – 255	29 – 31	>80%
5	324 – 336	38 – 40	
6	413 – 427	41 – 43	
7	502 – 518	42 – 44	
8	591 – 609	45 – 47	
9	680 – 700	46 – 50	
10	779 – 801	49 – 53	
11	868 – 892	51 – 55	
12	947 – 973	52 – 56	>85%
13	1016 – 1044	54 – 58	
14	1085 – 1115	55 – 59	
15	1154 – 1186	57 – 61	
16	1193 – 1227	59 – 63	>90%
17	1232 – 1268	60 – 64	

## Laying Period

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED INTAKE (g / day per bird)	HEN-HOUSED EGG MASS Cumulative (kg)	AVERAGE EGG WEIGHT* (g / egg)
18	2 – 3	0.1 – 0.2	0.1 – 0.2	0.0	1.26 – 1.30	70 – 76	0.01	44.6
19	15 – 22	1.3 – 1.7	1.3 – 1.7	0.1	1.32 – 1.36	73 – 79	0.06	45.7
20	35 – 50	3.7 – 5.2	3.7 – 5.2	0.1	1.36 – 1.40	76 – 82	0.2	46.9
21	62 – 75	8.1 – 10.4	8.0 – 10.4	0.2	1.41 – 1.45	77 – 83	0.4	49.6
22	82 – 88	13.8 – 16.6	13.8 – 16.6	0.3	1.44 – 1.48	80 – 86	0.7	52.3
23	90 – 92	20.1 – 23.0	20.0 – 23.0	0.4	1.45 – 1.49	84 – 90	1.0	53.7
24	93 – 94	26.6 – 29.6	26.5 – 29.5	0.4	1.46 – 1.50	87 – 93	1.4	55.0
25	94 – 96	33.2 – 36.3	33.1 – 36.2	0.5	1.47 – 1.51	89 – 95	1.7	56.4
26	95 – 96	39.8 – 43.1	39.7 – 42.9	0.6	1.48 – 1.52	91 – 97	2.1	57.1
27	95 – 96	46.5 – 49.8	46.3 – 49.6	0.7	1.49 – 1.53	91 – 97	2.5	57.6
28	95 – 96	53.1 – 56.5	52.9 – 56.2	0.8	1.49 – 1.53	91 – 97	2.9	58.0
29	95 – 96	59.8 – 63.2	59.5 – 62.9	0.9	1.50 – 1.54	91 – 97	3.3	58.6
30	95 – 96	66.4 – 69.9	66.1 – 69.5	1.0	1.50 – 1.54	91 – 97	3.7	59.2
31	95 – 96	73.1 – 76.7	72.6 – 76.2	1.0	1.50 – 1.54	93 – 99	4.1	59.6
32	94 – 96	79.7 – 83.4	79.1 – 82.8	1.1	1.50 – 1.54	93 – 99	4.4	59.7
33	94 – 95	86.2 – 90.0	85.6 – 89.4	1.2	1.50 – 1.54	94 – 100	4.8	60.2
34	93 – 95	92.8 – 96.7	92.1 – 96.0	1.3	1.51 – 1.55	94 – 100	5.2	60.7
35	93 – 95	99.3 – 103.3	98.5 – 102.5	1.3	1.51 – 1.55	94 – 100	5.6	60.8
36	93 – 95	105.8 – 110.0	104.9 – 109.1	1.4	1.51 – 1.55	94 – 100	6.0	61.0
37	92 – 94	112.2 – 116.6	111.3 – 115.6	1.5	1.52 – 1.56	94 – 100	6.4	61.1
38	92 – 94	118.7 – 123.1	117.6 – 122.1	1.5	1.52 – 1.56	94 – 100	6.8	61.2
39	92 – 93	125.1 – 129.6	123.9 – 128.5	1.6	1.52 – 1.56	95 – 101	7.2	61.3
40	92 – 93	131.5 – 136.2	130.3 – 134.9	1.7	1.52 – 1.56	95 – 101	7.6	61.5
41	92 – 93	138.0 – 142.7	136.6 – 141.3	1.7	1.52 – 1.56	94 – 100	8.0	61.7
42	91 – 92	144.3 – 149.1	142.9 – 147.6	1.8	1.52 – 1.56	95 – 101	8.3	62.2
43	91 – 92	150.7 – 155.5	149.1 – 153.9	1.9	1.52 – 1.56	95 – 101	8.7	62.2
44	90 – 92	157.0 – 162.0	155.3 – 160.2	1.9	1.53 – 1.57	95 – 101	9.1	62.3
45	90 – 91	163.3 – 168.4	161.5 – 166.5	2.0	1.53 – 1.57	95 – 101	9.5	62.4

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Performance Tables *(continued)*

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED INTAKE (g / day per bird)	HEN- HOUSED EGG MASS Cumulative (kg)	AVERAGE EGG WEIGHT* (g / egg)
46	90 – 91	169.6 – 174.7	167.6 – 172.7	2.0	1.53 – 1.57	96 – 102	9.9	62.5
47	90 – 91	175.9 – 181.1	173.8 – 178.9	2.1	1.53 – 1.57	96 – 102	10.3	62.6
48	89 – 90	182.1 – 187.4	179.9 – 185.1	2.2	1.53 – 1.57	96 – 102	10.7	62.6
49	89 – 90	188.4 – 193.7	186.0 – 191.3	2.3	1.53 – 1.57	97 – 103	11.0	62.7
50	89 – 90	194.6 – 200.0	192.1 – 197.4	2.4	1.53 – 1.57	97 – 103	11.4	62.7
51	88 – 89	200.8 – 206.2	198.1 – 203.5	2.5	1.53 – 1.57	97 – 103	11.8	62.8
52	88 – 89	206.9 – 212.5	204.1 – 209.6	2.6	1.54 – 1.58	97 – 103	12.2	62.9
53	87 – 89	213.0 – 218.7	210.0 – 215.6	2.7	1.54 – 1.58	97 – 103	12.5	63.0
54	87 – 88	219.1 – 224.8	215.9 – 221.6	2.8	1.54 – 1.58	97 – 103	12.9	63.0
55	87 – 88	225.2 – 231.0	221.8 – 227.6	2.9	1.54 – 1.58	97 – 103	13.3	63.1
56	86 – 88	231.2 – 237.2	227.7 – 233.6	3.0	1.54 – 1.58	97 – 103	13.7	63.1
57	86 – 87	237.2 – 243.3	233.5 – 239.5	3.1	1.54 – 1.58	97 – 103	14.0	63.2
58	86 – 87	243.3 – 249.3	239.3 – 245.4	3.2	1.54 – 1.58	97 – 103	14.4	63.2
59	85 – 87	249.2 – 255.4	245.1 – 251.2	3.3	1.54 – 1.58	97 – 103	14.8	63.3
60	85 – 87	255.2 – 261.5	250.8 – 257.1	3.4	1.54 – 1.58	96 – 102	15.1	63.3
61	85 – 86	261.1 – 267.5	256.6 – 262.9	3.5	1.54 – 1.58	96 – 102	15.5	63.4
62	84 – 86	267.0 – 273.6	262.2 – 268.7	3.6	1.54 – 1.58	96 – 102	15.8	63.4
63	84 – 86	272.9 – 279.6	267.9 – 274.5	3.7	1.54 – 1.58	95 – 101	16.2	63.4
64	83 – 86	278.7 – 285.6	273.5 – 280.3	3.8	1.54 – 1.58	95 – 101	16.6	63.5
65	83 – 85	284.5 – 291.6	279.1 – 286.0	3.9	1.54 – 1.58	95 – 101	16.9	63.5
66	83 – 85	290.3 – 297.5	284.6 – 291.8	4.0	1.54 – 1.58	95 – 101	17.3	63.6
67	82 – 84	296.0 – 303.4	290.1 – 297.4	4.2	1.54 – 1.58	94 – 100	17.6	63.6
68	82 – 84	301.8 – 309.3	295.6 – 303.0	4.3	1.54 – 1.58	94 – 100	18.0	63.6
69	82 – 84	307.5 – 315.1	301.1 – 308.6	4.4	1.54 – 1.58	94 – 100	18.3	63.6
70	81 – 83	313.2 – 321.0	306.5 – 314.2	4.5	1.54 – 1.58	93 – 99	18.7	63.6
71	81 – 83	318.9 – 326.8	311.9 – 319.7	4.7	1.54 – 1.58	93 – 99	19.0	63.6
72	81 – 83	324.5 – 332.6	317.3 – 325.3	4.8	1.54 – 1.58	93 – 99	19.4	63.6
73	81 – 82	330.2 – 338.3	322.7 – 330.7	4.9	1.54 – 1.58	93 – 99	19.7	63.6
74	80 – 82	335.8 – 344.1	328.1 – 336.2	5.0	1.54 – 1.58	92 – 98	20.0	63.7
75	80 – 82	341.4 – 349.8	333.4 – 341.6	5.1	1.54 – 1.58	92 – 98	20.4	63.7
76	79 – 82	346.9 – 355.5	338.6 – 347.0	5.3	1.54 – 1.58	92 – 98	20.7	63.7
77	79 – 81	352.5 – 361.2	343.8 – 352.4	5.4	1.54 – 1.58	91 – 97	21.0	63.7
78	78 – 81	357.9 – 366.9	349.0 – 357.8	5.5	1.54 – 1.58	91 – 97	21.4	63.8
79	78 – 80	363.4 – 372.5	354.2 – 363.1	5.6	1.54 – 1.58	91 – 97	21.7	63.8
80	77 – 80	368.8 – 378.1	359.2 – 368.3	5.7	1.54 – 1.58	91 – 97	22.0	63.8
81	76 – 79	374.1 – 383.6	364.2 – 373.5	5.9	1.55 – 1.59	91 – 97	22.3	63.8
82	76 – 79	379.4 – 389.1	369.2 – 378.7	6.0	1.55 – 1.59	90 – 96	22.7	63.8
83	75 – 78	384.7 – 394.6	374.2 – 383.9	6.1	1.55 – 1.59	90 – 96	23.0	63.8
84	74 – 77	389.8 – 400.0	379.0 – 388.9	6.2	1.55 – 1.59	90 – 96	23.3	63.8
85	74 – 77	395.0 – 405.4	383.9 – 394.0	6.3	1.55 – 1.59	90 – 96	23.6	63.8
86	73 – 76	400.1 – 410.7	388.7 – 399.0	6.4	1.55 – 1.59	90 – 96	23.9	63.8
87	72 – 75	405.2 – 415.9	393.4 – 403.9	6.5	1.55 – 1.59	89 – 95	24.2	63.8
88	72 – 75	410.2 – 421.2	398.1 – 408.8	6.6	1.55 – 1.59	89 – 95	24.5	63.8
89	71 – 74	415.2 – 426.4	402.7 – 413.6	6.7	1.55 – 1.59	89 – 95	24.8	63.8
90	70 – 73	420.1 – 431.5	407.3 – 418.4	6.8	1.55 – 1.59	89 – 95	25.1	63.8

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Post-Molt Performance Table

WEEKS POST MOLT	% HEN-DAY		HEN-DAY EGGS Cumulative		HEN-HOUSED EGGS		MORTALITY (%)		BODY WEIGHT (kg)		FEED INTAKE (g/day per bird)		HEN-HOUSED EGG MASS Cumulative (kg)		AVERAGE EGG WEIGHT* (g/egg)	
	Early	Late	Early	Late	Early	Late	Early	Late	Early	Late	Early	Late	Early	Late	Early	Late
+1	-	-	279.3	336.1	280.6	328.4	4.0	5.2	1.51	1.53	47	50	16.7	20.1	-	-
+2	-	-	279.3	336.1	280.6	328.4	4.1	5.3	1.48	1.50	47	50	16.7	20.1	-	-
+3	-	-	279.3	336.1	280.6	328.4	4.2	5.4	1.48	1.50	64	67	16.7	20.1	-	-
+4	-	-	279.3	336.1	280.6	328.4	4.3	5.4	1.48	1.50	78	81	16.7	20.1	-	-
+5	10	9	280.0	336.7	281.3	329.0	4.4	5.5	1.49	1.51	85	88	16.7	20.1	62.5	62.7
+6	48	40	283.4	339.5	284.5	331.6	4.5	5.6	1.52	1.54	90	93	16.9	20.3	63.0	63.2
+7	73	61	288.5	343.8	289.4	335.7	4.6	5.6	1.54	1.56	95	98	17.3	20.6	63.5	63.7
+8	84	72	294.4	348.8	295.0	340.4	4.6	5.7	1.55	1.57	97	100	17.6	20.9	63.5	63.7
+9	87	79	300.4	354.4	300.8	345.6	4.7	5.8	1.56	1.58	99	102	18.0	21.2	63.5	63.7
+10	88	82	306.6	360.1	306.6	351.0	4.8	5.9	1.56	1.58	100	103	18.4	21.5	63.6	63.7
+11	88	83	312.8	365.9	312.5	356.5	4.9	6.0	1.57	1.59	100	103	18.7	21.9	63.6	63.8
+12	89	84	319.0	371.8	318.4	362.0	4.9	6.1	1.57	1.59	101	104	19.1	22.2	63.6	63.8
+13	89	85	325.2	377.8	324.3	367.6	5.0	6.1	1.57	1.59	101	104	19.5	22.6	63.6	63.8
+14	88	85	331.4	383.7	330.2	373.2	5.1	6.2	1.58	1.60	101	104	19.8	23.0	63.6	63.8
+15	87	84	337.5	389.6	336.0	378.7	5.2	6.3	1.58	1.60	101	104	20.2	23.3	63.6	63.8
+16	87	84	343.6	395.5	341.7	384.2	5.2	6.4	1.58	1.60	101	104	20.6	23.7	63.7	63.9
+17	87	83	349.7	401.3	347.5	389.6	5.3	6.5	1.58	1.60	101	104	21.0	24.0	63.7	63.9
+18	87	83	355.7	407.1	353.3	395.1	5.4	6.6	1.58	1.60	102	105	21.3	24.4	63.7	63.9
+19	87	83	361.8	412.9	359.0	400.5	5.5	6.7	1.58	1.60	102	105	21.7	24.7	63.7	63.9
+20	86	82	367.9	418.6	364.7	405.8	5.6	6.8	1.58	1.60	102	105	22.0	25.0	63.7	63.9
+21	86	82	373.9	424.4	370.4	411.2	5.7	6.9	1.58	1.60	102	105	22.4	25.4	63.7	63.9
+22	86	82	379.9	430.1	376.0	416.5	5.8	7.0	1.58	1.60	102	105	22.8	25.7	63.7	63.9
+23	86	82	385.9	435.9	381.7	421.8	5.9	7.1	1.58	1.60	102	105	23.1	26.1	63.7	63.9
+24	86	82	391.9	441.6	387.4	427.2	5.9	7.2	1.58	1.60	102	105	23.5	26.4	63.7	63.9
+25	86	82	398.0	447.3	393.0	432.5	6.0	7.3	1.58	1.60	102	105	23.9	26.7	63.7	63.9
+26	86	82	404.0	453.1	398.7	437.8	6.1	7.4	1.58	1.60	102	105	24.2	27.1	63.7	63.9
+27	86	82	410.0	458.8	404.3	443.1	6.2	7.5	1.58	1.60	102	105	24.6	27.4	63.7	63.9
+28	85	81	415.9	464.5	409.9	448.4	6.3	7.6	1.58	1.60	102	105	24.9	27.8	63.7	63.9
+29	85	81	421.9	470.2	415.5	453.6	6.4	7.7	1.58	1.60	102	105	25.3	28.1	63.7	63.9
+30	85	81	427.8	475.8	421.0	458.8	6.5	7.8	1.58	1.60	102	105	25.6	28.4	63.7	63.9
+31	85	81	433.8	481.5	426.6	464.0	6.6	7.9	1.58	1.60	102	105	26.0	28.8	63.7	63.9
+32	84	80	439.7	487.1	432.1	469.2	6.7	8.0	1.58	1.60	102	105	26.3	29.1	63.7	63.9
+33	84	80	445.6	492.7	437.5	474.3	6.8	8.1	1.58	1.60	102	105	26.7	29.4	63.7	63.9
+34	83	79	451.4	498.2	443.0	479.4	6.9	8.2	1.58	1.60	103	106	27.0	29.7	63.7	63.9
+35	82	78	457.1	503.7	448.3	484.4	7.0	8.3	1.58	1.60	103	106	27.4	30.1	63.8	63.9
+36	82	78	462.8	509.1	453.6	489.4	7.1	8.4	1.58	1.60	103	106	27.7	30.4	63.8	63.9
+37	81	77	468.5	514.5	458.9	494.4	7.2	8.5	1.58	1.60	103	106	28.0	30.7	63.8	63.9
+38	80	76	474.1	519.9	464.1	499.2	7.3	8.6	1.58	1.60	103	106	28.4	31.0	63.8	63.9
+39	80	76	479.7	525.2	469.3	504.1	7.4	8.8	1.58	1.60	103	106	28.7	31.3	63.8	63.9
+40	80	76	485.3	530.5	474.4	508.9	7.5	8.9	1.58	1.60	103	106	29.0	31.6	63.8	63.9
+41	79	-	490.8	-	479.5	-	7.7	-	1.58	-	103	-	29.4	-	63.8	-
+42	79	-	496.4	-	484.6	-	7.8	-	1.58	-	103	-	29.7	-	63.8	-
+43	79	-	501.9	-	489.7	-	7.9	-	1.58	-	103	-	30.0	-	63.8	-
+44	78	-	507.4	-	494.8	-	8.0	-	1.58	-	103	-	30.3	-	63.8	-
+45	78	-	512.8	-	499.8	-	8.1	-	1.58	-	103	-	30.7	-	63.8	-

Early: A molting program starting at approximately 65 weeks of age.  
Late: A molting program starting at approximately 75 weeks of age.

# Performance Tables

## Growing Period

AGE (weeks)	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED INTAKE (g / bird / day)	WATER CONSUMPTION (ml / bird/ day)	UNIFORMITY (Cage)
1	1.0	0.07 – 0.08	12 – 14	18 – 28	>85%
2	1.3	0.12 – 0.13	15 – 19	23 – 38	
3	1.5	0.18 – 0.19	21 – 25	32 – 50	
4	1.6	0.25 – 0.26	27 – 31	41 – 62	>80%
5	1.7	0.32 – 0.35	32 – 36	48 – 72	
6	1.8	0.41 – 0.44	35 – 39	53 – 78	
7	1.9	0.51 – 0.55	39 – 43	59 – 86	
8	2.0	0.60 – 0.65	43 – 47	65 – 94	
9	2.1	0.70 – 0.74	46 – 52	69 – 104	
10	2.2	0.78 – 0.84	50 – 56	75 – 112	>85%
11	2.3	0.86 – 0.91	53 – 59	80 – 118	
12	2.4	0.92 – 0.99	57 – 63	86 – 126	
13	2.5	0.98 – 1.05	61 – 67	92 – 134	
14	2.6	1.03 – 1.11	63 – 71	95 – 142	
15	2.7	1.08 – 1.16	66 – 74	99 – 148	
16	2.8	1.13 – 1.21	69 – 77	104 – 154	
17	3.0	1.17 – 1.25	72 – 80	108 – 160	>90%

## Laying Period

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODYWEIGHT (kg)	FEED INTAKE (g / bird / day)	WATER CONSUMPTION <sup>1</sup> (ml / bird / day)	HEN-HOUSED EGG MASS Cumulative (kg)	AVG. EGG WEIGHT <sup>2</sup> (g / egg)
18	–	–	–	0.10	1.22 – 1.30	74 – 81	111 – 162	–	–
19	9 – 12	0.6 – 0.8	0.6 – 0.8	0.30	1.28 – 1.36	79 – 86	119 – 172	0.03 – 0.04	42.0
20	34 – 37	3.0 – 3.4	3.0 – 3.4	0.50	1.34 – 1.42	83 – 89	125 – 178	0.1 – 0.1	43.0
21	54 – 57	6.8 – 7.4	6.7 – 7.4	0.70	1.36 – 1.47	87 – 94	131 – 188	0.3 – 0.3	45.0
22	78 – 81	12.3 – 13.1	12.2 – 13.0	0.90	1.38 – 1.51	88 – 98	132 – 196	0.6 – 0.6	47.0
23	86 – 89	18.3 – 19.3	18.1 – 19.2	1.00	1.41 – 1.55	89 – 102	134 – 204	0.8 – 0.9	50.0
24	90 – 92	24.6 – 25.8	24.3 – 25.5	1.20	1.43 – 1.59	90 – 105	135 – 210	1.2 – 1.2	52.0
25	92 – 94	31.0 – 32.3	30.7 – 32.0	1.40	1.45 – 1.63	91 – 107	137 – 214	1.5 – 1.6	54.0
26	93 – 95	37.5 – 39.0	37.1 – 38.6	1.50	1.47 – 1.66	92 – 109	138 – 218	1.9 – 1.9	56.0
27	94 – 96	44.1 – 45.7	43.6 – 45.2	1.60	1.49 – 1.67	93 – 111	140 – 222	2.2 – 2.3	57.0
28	94 – 96	50.7 – 52.5	50.0 – 51.9	1.70	1.50 – 1.71	94 – 112	141 – 224	2.6 – 2.7	58.0
29	94 – 96	57.3 – 59.2	56.5 – 58.5	1.80	1.51 – 1.73	95 – 112	143 – 224	3.0 – 3.1	58.0
30	94 – 96	63.8 – 65.9	63.0 – 65.0	1.90	1.52 – 1.74	96 – 112	144 – 224	3.4 – 3.5	59.0
31	94 – 96	70.4 – 72.7	69.4 – 71.6	1.95	1.53 – 1.75	97 – 112	146 – 224	3.8 – 3.9	59.0
32	95 – 97	77.1 – 79.5	75.9 – 78.3	2.00	1.54 – 1.76	98 – 112	147 – 224	4.1 – 4.3	59.0
33	95 – 97	83.7 – 86.2	82.4 – 84.9	2.15	1.54 – 1.76	99 – 112	149 – 224	4.5 – 4.7	60.0
34	95 – 97	90.4 – 93.0	88.9 – 91.6	2.20	1.54 – 1.76	100 – 112	150 – 224	4.9 – 5.1	60.0
35	94 – 96	97.0 – 99.8	95.4 – 98.1	2.25	1.54 – 1.76	101 – 112	152 – 224	5.3 – 5.5	61.0
36	94 – 96	103.5 – 106.5	101.8 – 104.7	2.30	1.54 – 1.76	101 – 112	152 – 224	5.7 – 5.9	61.0
37	94 – 96	110.1 – 113.2	108.2 – 111.3	2.35	1.54 – 1.76	101 – 112	152 – 224	6.1 – 6.3	61.0
38	94 – 96	116.7 – 119.9	114.7 – 117.8	2.40	1.54 – 1.76	101 – 112	152 – 224	6.5 – 6.7	61.0
39	94 – 96	123.3 – 126.6	121.1 – 124.4	2.45	1.54 – 1.76	101 – 112	152 – 224	6.9 – 7.1	61.0
40	94 – 96	129.9 – 133.4	127.5 – 130.9	2.50	1.54 – 1.76	101 – 112	152 – 224	7.3 – 7.5	62.0
41	94 – 96	136.4 – 140.1	133.9 – 137.5	2.55	1.54 – 1.76	101 – 112	152 – 224	7.7 – 7.9	62.0
42	94 – 96	143.0 – 146.8	140.3 – 144.0	2.60	1.54 – 1.76	101 – 112	152 – 224	8.1 – 8.3	62.0
43	94 – 96	149.6 – 153.5	146.7 – 150.6	2.65	1.55 – 1.76	101 – 112	152 – 224	8.5 – 8.7	62.0

<sup>1</sup> The chart shows an expected range of feed and water consumption at normal environmental temperatures of 21–27°C. As the environmental temperature increases above this range, water consumption may increase up to double the amounts shown.

<sup>2</sup> Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Performance Tables *(continued)*

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORT- ALITY Cumulative (%)	BODY WEIGHT (kg)	FEED INTAKE (g / bird / day)	WATER CONSUMPTION <sup>1</sup> (ml / bird / day)	HEN-HOUSED EGG MASS Cumulative (kg)	AVG. EGG WEIGHT <sup>2</sup> (g / egg)
44	94 – 96	156.2 – 160.2	153.1 – 157.1	2.70	1.55 – 1.76	101 – 112	152 – 224	8.9 – 9.1	62.0
45	94 – 96	162.8 – 167.0	159.5 – 163.6	2.75	1.55 – 1.76	101 – 112	152 – 224	9.3 – 9.5	62.0
46	93 – 95	169.3 – 173.6	165.8 – 170.1	2.80	1.55 – 1.77	101 – 112	152 – 224	9.7 – 9.9	62.0
47	93 – 95	175.8 – 180.3	172.2 – 176.6	2.85	1.55 – 1.77	101 – 112	152 – 224	10.0 – 10.3	62.0
48	93 – 95	182.3 – 186.9	178.5 – 183.0	2.90	1.55 – 1.77	101 – 112	152 – 224	10.4 – 10.7	62.0
49	93 – 95	188.8 – 193.6	184.8 – 189.5	2.95	1.55 – 1.77	101 – 112	152 – 224	10.8 – 11.1	62.0
50	93 – 95	195.3 – 200.2	191.1 – 195.9	3.00	1.55 – 1.77	101 – 112	152 – 224	11.2 – 11.5	62.0
51	93 – 95	201.8 – 206.9	197.4 – 202.4	3.05	1.55 – 1.77	102 – 113	153 – 226	11.6 – 11.9	62.0
52	92 – 94	208.3 – 213.4	203.7 – 208.8	3.10	1.55 – 1.77	102 – 113	153 – 226	12.0 – 12.3	63.0
53	92 – 94	214.7 – 220.0	209.9 – 215.1	3.15	1.56 – 1.77	102 – 113	153 – 226	12.4 – 12.7	63.0
54	91 – 94	221.1 – 226.6	216.1 – 221.5	3.20	1.56 – 1.77	102 – 113	153 – 226	12.8 – 13.1	63.0
55	90 – 93	227.4 – 233.1	222.2 – 227.8	3.25	1.56 – 1.77	102 – 113	153 – 226	13.2 – 13.5	63.0
56	90 – 92	233.7 – 239.5	228.3 – 234.0	3.30	1.56 – 1.77	102 – 113	153 – 226	13.6 – 13.9	63.0
57	89 – 91	239.9 – 245.9	234.3 – 240.2	3.35	1.56 – 1.77	102 – 113	153 – 226	13.9 – 14.3	63.0
58	89 – 91	246.1 – 252.3	240.3 – 246.3	3.40	1.56 – 1.77	102 – 113	153 – 226	14.3 – 14.7	63.0
59	88 – 90	252.3 – 258.6	246.3 – 252.4	3.45	1.56 – 1.77	102 – 113	153 – 226	14.7 – 15.0	63.0
60	87 – 90	258.4 – 264.9	252.1 – 258.5	3.50	1.56 – 1.78	102 – 113	153 – 226	15.1 – 15.4	63.0
61	87 – 90	264.5 – 271.2	258.0 – 264.6	3.60	1.56 – 1.78	102 – 113	153 – 226	15.4 – 15.8	63.0
62	86 – 90	270.5 – 277.5	263.8 – 270.6	3.70	1.56 – 1.78	102 – 113	153 – 226	15.8 – 16.2	64.0
63	85 – 90	276.4 – 283.8	269.5 – 276.7	3.80	1.57 – 1.78	102 – 113	153 – 226	16.2 – 16.6	64.0
64	85 – 89	282.4 – 290.0	275.2 – 282.7	3.90	1.57 – 1.78	102 – 113	153 – 226	16.5 – 17.0	64.0
65	85 – 89	288.3 – 296.2	281.0 – 288.7	4.00	1.57 – 1.78	103 – 114	155 – 228	16.9 – 17.4	64.0
66	84 – 88	294.2 – 302.4	286.6 – 294.6	4.10	1.57 – 1.78	103 – 114	155 – 228	17.3 – 17.7	64.0
67	83 – 87	300.0 – 308.5	292.2 – 300.4	4.20	1.57 – 1.78	103 – 114	155 – 228	17.6 – 18.1	64.0
68	83 – 87	305.8 – 314.6	297.7 – 306.2	4.30	1.57 – 1.78	103 – 114	155 – 228	18.0 – 18.5	64.0
69	82 – 86	311.6 – 320.6	303.2 – 312.0	4.40	1.57 – 1.78	103 – 114	155 – 228	18.3 – 18.8	64.0
70	82 – 86	317.3 – 326.6	308.7 – 317.7	4.50	1.57 – 1.79	102 – 113	153 – 226	18.7 – 19.2	64.0
71	82 – 86	323.1 – 332.6	314.2 – 323.5	4.60	1.57 – 1.79	102 – 113	153 – 226	19.0 – 19.6	64.0
72	81 – 85	328.7 – 338.6	319.6 – 329.1	4.70	1.57 – 1.79	102 – 113	153 – 226	19.4 – 19.9	64.0
73	81 – 85	334.4 – 344.5	325.0 – 334.8	4.80	1.58 – 1.79	102 – 113	153 – 226	19.7 – 20.3	64.0
74	80 – 84	340.0 – 350.4	330.3 – 340.4	4.90	1.58 – 1.79	102 – 113	153 – 226	20.1 – 20.7	65.0
75	80 – 84	345.6 – 356.3	335.6 – 346.0	5.00	1.58 – 1.79	101 – 112	152 – 224	20.4 – 21.0	65.0
76	79 – 83	351.1 – 362.1	340.9 – 351.5	5.10	1.58 – 1.79	101 – 112	152 – 224	20.7 – 21.4	65.0
77	78 – 83	356.6 – 367.9	346.0 – 357.0	5.20	1.58 – 1.79	101 – 112	152 – 224	21.1 – 21.8	65.0
78	78 – 82	362.0 – 373.7	351.2 – 362.4	5.30	1.58 – 1.79	101 – 112	152 – 224	21.4 – 22.1	65.0
79	78 – 82	367.5 – 379.4	356.4 – 367.9	5.40	1.58 – 1.79	101 – 112	152 – 224	21.8 – 22.5	65.0
80	77 – 81	372.9 – 385.1	361.5 – 373.2	5.50	1.58 – 1.79	101 – 112	152 – 224	22.1 – 22.8	65.0
81	77 – 81	378.3 – 390.7	366.6 – 378.6	5.55	1.58 – 1.79	101 – 112	152 – 224	22.4 – 23.2	65.0
82	76 – 80	383.6 – 396.3	371.6 – 383.9	5.60	1.58 – 1.79	101 – 112	152 – 224	22.7 – 23.5	65.0
83	76 – 80	388.9 – 401.9	376.6 – 389.2	5.65	1.59 – 1.79	101 – 112	152 – 224	23.1 – 23.8	65.0
84	75 – 79	394.2 – 407.5	381.5 – 394.4	5.70	1.59 – 1.79	101 – 112	152 – 224	23.4 – 24.2	65.0
85	74 – 78	399.4 – 412.9	386.4 – 399.5	5.75	1.59 – 1.79	101 – 112	152 – 224	23.7 – 24.5	65.0
86	73 – 77	404.5 – 418.3	391.2 – 404.6	5.80	1.59 – 1.79	101 – 112	152 – 224	24.0 – 24.8	65.0
87	72 – 76	409.5 – 423.6	396.0 – 409.6	5.85	1.59 – 1.79	101 – 112	152 – 224	24.3 – 25.2	65.0
88	71 – 75	414.5 – 428.9	400.7 – 414.5	5.90	1.59 – 1.79	101 – 112	152 – 224	24.6 – 25.5	65.0
89	70 – 74	419.4 – 434.1	405.3 – 419.4	5.95	1.59 – 1.79	101 – 112	152 – 224	24.9 – 25.8	65.0
90	69 – 74	424.2 – 439.3	409.8 – 424.3	6.00	1.59 – 1.79	101 – 112	152 – 224	25.2 – 26.1	65.0



# Performance Tables

## Growing Period

AGE (weeks)	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	FEED INTAKE (g / bird / day)	WATER CONSUMPTION (ml / bird/ day)	UNIFORMITY (Cage)
1	1.0	0.07 – 0.08	12 – 14	18 – 28	>85%
2	1.3	0.12 – 0.13	15 – 19	23 – 38	
3	1.5	0.18 – 0.19	21 – 25	32 – 50	
4	1.6	0.25 – 0.26	27 – 31	41 – 62	
5	1.7	0.32 – 0.35	32 – 36	48 – 72	>80%
6	1.8	0.41 – 0.44	35 – 39	53 – 78	
7	1.9	0.51 – 0.55	39 – 43	59 – 86	
8	2.0	0.60 – 0.65	43 – 47	65 – 94	
9	2.1	0.70 – 0.74	46 – 52	69 – 104	
10	2.2	0.78 – 0.84	50 – 56	75 – 112	
11	2.3	0.86 – 0.91	53 – 59	80 – 118	>85%
12	2.4	0.92 – 0.99	57 – 63	86 – 126	
13	2.5	0.98 – 1.05	61 – 67	92 – 134	
14	2.6	1.03 – 1.11	63 – 71	95 – 142	
15	2.7	1.08 – 1.16	66 – 74	99 – 148	
16	2.8	1.13 – 1.21	69 – 77	104 – 154	
17	3.0	1.17 – 1.25	72 – 80	108 – 160	

## Laying Period

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODYWEIGHT (kg)	FEED INTAKE (g / bird / day)	WATER CONSUMPTION <sup>1</sup> (ml / bird / day)	HEN-HOUSED EGG MASS Cumulative (kg)	AVG. EGG WEIGHT <sup>2</sup> (g / egg)
18	–	–	–	0.10	1.22 – 1.30	74 – 81	111 – 162	–	–
19	9 – 12	0.6 – 0.8	0.6 – 0.8	0.30	1.28 – 1.36	79 – 86	119 – 172	0.03 – 0.04	43.0
20	34 – 37	3.0 – 3.4	3.0 – 3.4	0.50	1.34 – 1.42	83 – 89	125 – 178	0.1 – 0.1	44.0
21	54 – 57	6.8 – 7.4	6.7 – 7.4	0.70	1.36 – 1.47	87 – 94	131 – 188	0.3 – 0.3	46.0
22	78 – 81	12.3 – 13.1	12.2 – 13.0	0.90	1.38 – 1.51	88 – 98	132 – 196	0.6 – 0.6	48.0
23	86 – 89	18.3 – 19.3	18.1 – 19.2	1.00	1.41 – 1.55	89 – 102	134 – 204	0.9 – 0.9	51.0
24	90 – 92	24.6 – 25.8	24.3 – 25.5	1.20	1.43 – 1.59	90 – 105	135 – 210	1.2 – 1.3	53.0
25	92 – 94	31.0 – 32.3	30.7 – 32.0	1.40	1.45 – 1.63	91 – 107	137 – 214	1.5 – 1.6	55.0
26	93 – 95	37.5 – 39.0	37.1 – 38.6	1.50	1.47 – 1.66	92 – 109	138 – 218	1.9 – 2.0	57.0
27	94 – 96	44.1 – 45.7	43.6 – 45.2	1.60	1.49 – 1.67	93 – 111	140 – 222	2.3 – 2.4	58.0
28	94 – 96	50.7 – 52.5	50.0 – 51.9	1.70	1.50 – 1.71	94 – 112	141 – 224	2.7 – 2.8	59.0
29	94 – 96	57.3 – 59.2	56.5 – 58.5	1.80	1.51 – 1.73	95 – 112	143 – 224	3.1 – 3.2	59.0
30	94 – 96	63.8 – 65.9	63.0 – 65.0	1.90	1.52 – 1.74	96 – 112	144 – 224	3.4 – 3.5	60.0
31	94 – 96	70.4 – 72.7	69.4 – 71.6	1.95	1.53 – 1.75	97 – 112	146 – 224	3.8 – 3.9	60.0
32	95 – 97	77.1 – 79.5	75.9 – 78.3	2.00	1.54 – 1.76	98 – 112	147 – 224	4.2 – 4.3	60.0
33	95 – 97	83.7 – 86.2	82.4 – 84.9	2.15	1.54 – 1.76	99 – 112	149 – 224	4.6 – 4.7	61.0
34	95 – 97	90.4 – 93.0	88.9 – 91.6	2.20	1.54 – 1.76	100 – 112	150 – 224	5.0 – 5.2	61.0
35	94 – 96	97.0 – 99.8	95.4 – 98.1	2.25	1.54 – 1.76	101 – 112	152 – 224	5.4 – 5.6	61.0
36	94 – 96	103.5 – 106.5	101.8 – 104.7	2.30	1.54 – 1.76	101 – 112	152 – 224	5.8 – 6.0	62.0
37	94 – 96	110.1 – 113.2	108.2 – 111.3	2.35	1.54 – 1.76	101 – 112	152 – 224	6.2 – 6.4	62.0
38	94 – 96	116.7 – 119.9	114.7 – 117.8	2.40	1.54 – 1.76	101 – 112	152 – 224	6.6 – 6.8	62.0
39	94 – 96	123.3 – 126.6	121.1 – 124.4	2.45	1.54 – 1.76	101 – 112	152 – 224	7.0 – 7.2	62.0
40	94 – 96	129.9 – 133.4	127.5 – 130.9	2.50	1.54 – 1.76	101 – 112	152 – 224	7.4 – 7.6	63.0
41	94 – 96	136.4 – 140.1	133.9 – 137.5	2.55	1.54 – 1.76	101 – 112	152 – 224	7.8 – 8.0	63.0
42	94 – 96	143.0 – 146.8	140.3 – 144.0	2.60	1.54 – 1.76	101 – 112	152 – 224	8.2 – 8.4	63.0
43	94 – 96	149.6 – 153.5	146.7 – 150.6	2.65	1.55 – 1.76	101 – 112	152 – 224	8.6 – 8.8	63.0

<sup>1</sup> The chart shows an expected range of feed and water consumption at normal environmental temperatures of 21–27°C. As the environmental temperature increases above this range, water consumption may increase up to double the amounts shown.

<sup>2</sup> Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Performance Tables *(continued)*

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORT- ALITY Cumulative (%)	BODY WEIGHT (kg)	FEED INTAKE (g / bird / day)	WATER CONSUMPTION <sup>1</sup> (ml / bird / day)	HEN-HOUSED EGG MASS Cumulative (kg)	AVG. EGG WEIGHT <sup>2</sup> (g / egg)
44	94 – 96	156.2 – 160.2	153.1 – 157.1	2.70	1.55 – 1.76	101 – 112	152 – 224	9.0 – 9.2	63.0
45	94 – 96	162.8 – 167.0	159.5 – 163.6	2.75	1.55 – 1.76	101 – 112	152 – 224	9.4 – 9.7	64.0
46	93 – 95	169.3 – 173.6	165.8 – 170.1	2.80	1.55 – 1.77	101 – 112	152 – 224	9.8 – 10.1	64.0
47	93 – 95	175.8 – 180.3	172.2 – 176.6	2.85	1.55 – 1.77	101 – 112	152 – 224	10.2 – 10.5	64.0
48	93 – 95	182.3 – 186.9	178.5 – 183.0	2.90	1.55 – 1.77	101 – 112	152 – 224	10.6 – 10.9	64.0
49	93 – 95	188.8 – 193.6	184.8 – 189.5	2.95	1.55 – 1.77	101 – 112	152 – 224	11.0 – 11.3	64.0
50	93 – 95	195.3 – 200.2	191.1 – 195.9	3.00	1.55 – 1.77	101 – 112	152 – 224	11.4 – 11.7	64.0
51	93 – 95	201.8 – 206.9	197.4 – 202.4	3.05	1.55 – 1.77	102 – 113	153 – 226	11.9 – 12.1	64.0
52	92 – 94	208.3 – 213.4	203.7 – 208.8	3.10	1.55 – 1.77	102 – 113	153 – 226	12.2 – 12.5	64.0
53	92 – 94	214.7 – 220.0	209.9 – 215.1	3.15	1.56 – 1.77	102 – 113	153 – 226	12.6 – 13.0	64.0
54	91 – 94	221.1 – 226.6	216.1 – 221.5	3.20	1.56 – 1.77	102 – 113	153 – 226	13.0 – 13.4	64.0
55	90 – 93	227.4 – 233.1	222.2 – 227.8	3.25	1.56 – 1.77	102 – 113	153 – 226	13.4 – 13.8	65.0
56	90 – 92	233.7 – 239.5	228.3 – 234.0	3.30	1.56 – 1.77	102 – 113	153 – 226	13.8 – 14.2	65.0
57	89 – 91	239.9 – 245.9	234.3 – 240.2	3.35	1.56 – 1.77	102 – 113	153 – 226	14.2 – 14.6	65.0
58	89 – 91	246.1 – 252.3	240.3 – 246.3	3.40	1.56 – 1.77	102 – 113	153 – 226	14.6 – 15.0	65.0
59	88 – 90	252.3 – 258.6	246.3 – 252.4	3.45	1.56 – 1.77	102 – 113	153 – 226	15.0 – 15.4	65.0
60	87 – 90	258.4 – 264.9	252.1 – 258.5	3.50	1.56 – 1.78	102 – 113	153 – 226	15.4 – 15.8	65.0
61	87 – 90	264.5 – 271.2	258.0 – 264.6	3.60	1.56 – 1.78	102 – 113	153 – 226	15.8 – 16.2	65.0
62	86 – 90	270.5 – 277.5	263.8 – 270.6	3.70	1.56 – 1.78	102 – 113	153 – 226	16.1 – 16.6	65.0
63	85 – 90	276.4 – 283.8	269.5 – 276.7	3.80	1.57 – 1.78	102 – 113	153 – 226	16.5 – 16.9	65.0
64	85 – 89	282.4 – 290.0	275.2 – 282.7	3.90	1.57 – 1.78	102 – 113	153 – 226	16.9 – 17.3	65.0
65	85 – 89	288.3 – 296.2	281.0 – 288.7	4.00	1.57 – 1.78	103 – 114	155 – 228	17.3 – 17.7	66.0
66	84 – 88	294.2 – 302.4	286.6 – 294.6	4.10	1.57 – 1.78	103 – 114	155 – 228	17.6 – 18.1	66.0
67	83 – 87	300.0 – 308.5	292.2 – 300.4	4.20	1.57 – 1.78	103 – 114	155 – 228	18.0 – 18.5	66.0
68	83 – 87	305.8 – 314.6	297.7 – 306.2	4.30	1.57 – 1.78	103 – 114	155 – 228	18.4 – 18.9	66.0
69	82 – 86	311.6 – 320.6	303.2 – 312.0	4.40	1.57 – 1.78	103 – 114	155 – 228	18.7 – 19.3	66.0
70	82 – 86	317.3 – 326.6	308.7 – 317.7	4.50	1.57 – 1.79	102 – 113	153 – 226	19.1 – 19.7	66.0
71	82 – 86	323.1 – 332.6	314.2 – 323.5	4.60	1.57 – 1.79	102 – 113	153 – 226	19.5 – 20.0	66.0
72	81 – 85	328.7 – 338.6	319.6 – 329.1	4.70	1.57 – 1.79	102 – 113	153 – 226	19.8 – 20.4	66.0
73	81 – 85	334.4 – 344.5	325.0 – 334.8	4.80	1.58 – 1.79	102 – 113	153 – 226	20.2 – 20.8	66.0
74	80 – 84	340.0 – 350.4	330.3 – 340.4	4.90	1.58 – 1.79	102 – 113	153 – 226	20.5 – 21.1	66.0
75	80 – 84	345.6 – 356.3	335.6 – 346.0	5.00	1.58 – 1.79	101 – 112	152 – 224	20.9 – 21.5	67.0
76	79 – 83	351.1 – 362.1	340.9 – 351.5	5.10	1.58 – 1.79	101 – 112	152 – 224	21.2 – 21.9	67.0
77	78 – 83	356.6 – 367.9	346.0 – 357.0	5.20	1.58 – 1.79	101 – 112	152 – 224	21.6 – 22.3	67.0
78	78 – 82	362.0 – 373.7	351.2 – 362.4	5.30	1.58 – 1.79	101 – 112	152 – 224	21.9 – 22.6	67.0
79	78 – 82	367.5 – 379.4	356.4 – 367.9	5.40	1.58 – 1.79	101 – 112	152 – 224	22.3 – 23.0	67.0
80	77 – 81	372.9 – 385.1	361.5 – 373.2	5.50	1.58 – 1.79	101 – 112	152 – 224	22.6 – 23.3	67.0
81	77 – 81	378.3 – 390.7	366.6 – 378.6	5.55	1.58 – 1.79	101 – 112	152 – 224	23.0 – 23.7	67.0
82	76 – 80	383.6 – 396.3	371.6 – 383.9	5.60	1.58 – 1.79	101 – 112	152 – 224	23.3 – 24.1	67.0
83	76 – 80	388.9 – 401.9	376.6 – 389.2	5.65	1.59 – 1.79	101 – 112	152 – 224	23.6 – 24.4	67.0
84	75 – 79	394.2 – 407.5	381.5 – 394.4	5.70	1.59 – 1.79	101 – 112	152 – 224	24.0 – 24.8	67.0
85	74 – 78	399.4 – 412.9	386.4 – 399.5	5.75	1.59 – 1.79	101 – 112	152 – 224	24.3 – 25.1	67.0
86	73 – 77	404.5 – 418.3	391.2 – 404.6	5.80	1.59 – 1.79	101 – 112	152 – 224	24.6 – 25.4	67.0
87	72 – 76	409.5 – 423.6	396.0 – 409.6	5.85	1.59 – 1.79	101 – 112	152 – 224	24.9 – 25.8	67.0
88	71 – 75	414.5 – 428.9	400.7 – 414.5	5.90	1.59 – 1.79	101 – 112	152 – 224	25.2 – 26.1	67.0
89	70 – 74	419.4 – 434.1	405.3 – 419.4	5.95	1.59 – 1.79	101 – 112	152 – 224	25.5 – 26.4	67.0
90	69 – 74	424.2 – 439.3	409.8 – 424.3	6.00	1.59 – 1.79	101 – 112	152 – 224	25.9 – 26.8	67.0

# Performance Tables

AGE (weeks)		MORTALITY Cumulative (%)	BODY WEIGHT (g)	WATER CONSUMPTION <sup>1</sup> (ml/bird/day)	FEED INTAKE <sup>2</sup> (g/bird/day)	UNIFORMITY
1		0.5	70 – 75	22 – 30	14 – 15	65–70%
2		0.7	110 – 125	27 – 42	17 – 21	
3		0.8	170 – 190	37 – 50	23 – 25	
4		0.9	240 – 270	43 – 58	28 – 30	
5	<i>Body weight and feed intake ranges are based on a global database. Local conditions will determine your flock results. Consult your local Hy-Line distributor for further information and for results to expect in your area.</i>	1.0	330 – 360	54 – 72	34 – 36	
6		1.1	420 – 465	61 – 80	38 – 40	
7		1.2	520 – 560	66 – 86	42 – 44	
8		1.3	620 – 670	72 – 94	53 – 57	
9		1.4	730 – 780	78 – 106	55 – 59	
10		1.5	840 – 890	83 – 112	58 – 62	
11		1.6	940 – 990	93 – 124	62 – 65	70–75%
12		1.6	1030 – 1080	99 – 136	65 – 69	
13		1.7	1110 – 1165	107 – 142	69 – 72	
14		1.7	1190 – 1230	112 – 148	74 – 78	80%
15		1.8	1260 – 1300	115 – 152	76 – 80	
16		1.9	1330 – 1370	120 – 158	78 – 82	85%
17		2.0	1400 – 1440	125 – 164	79 – 83	

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORTALITY Cumulative (%)	BODY WEIGHT (kg)	WATER CONSUMPTION <sup>1</sup> (ml/bird/day)	FEED INTAKE <sup>1,2</sup> (g/bird/day)	HEN-HOUSED EGG MASS Cumulative (kg)	AVERAGE EGG WEIGHT <sup>3</sup> (g/egg)
18	4 – 14	0.3 – 1.0	0.3 – 1.0	0.0	1.47 – 1.57	131 – 186	82 – 93	0.0	48.8 – 50.0
19	24 – 38	2.0 – 3.6	2.0 – 3.6	0.1	1.57 – 1.67	136 – 192	85 – 96	0.1	49.0 – 51.0
20	45 – 72	5.1 – 8.7	5.1 – 8.7	0.1	1.63 – 1.73	146 – 204	91 – 102	0.3	50.2 – 52.2
21	75 – 86	10.4 – 14.7	10.3 – 14.7	0.2	1.67 – 1.77	152 – 212	95 – 106	0.5	51.5 – 53.6
22	87 – 92	16.5 – 21.1	16.4 – 21.1	0.3	1.72 – 1.82	158 – 220	99 – 110	0.9	53.1 – 55.3
23	92 – 94	22.9 – 27.7	22.8 – 27.7	0.3	1.75 – 1.85	165 – 228	103 – 114	1.2	54.4 – 56.6
24	92 – 95	29.3 – 34.4	29.2 – 34.3	0.4	1.78 – 1.90	168 – 232	105 – 116	1.6	55.5 – 57.7
25	93 – 95	35.8 – 41.0	35.7 – 40.9	0.4	1.79 – 1.91	170 – 234	106 – 117	2.0	56.6 – 59.0
26	94 – 96	42.4 – 47.7	42.3 – 47.6	0.5	1.80 – 1.92	171 – 236	107 – 118	2.3	57.3 – 59.7
27	95 – 96	49.1 – 54.5	48.9 – 54.3	0.6	1.82 – 1.94	171 – 236	107 – 118	2.7	58.4 – 60.8
28	95 – 96	55.7 – 61.2	55.5 – 60.9	0.6	1.83 – 1.95	171 – 236	107 – 118	3.1	59.0 – 61.4
29	95 – 96	62.4 – 67.9	62.1 – 67.6	0.7	1.84 – 1.96	171 – 236	107 – 118	3.5	59.3 – 61.7
30	94 – 96	69.0 – 74.6	68.6 – 74.3	0.7	1.84 – 1.96	171 – 236	107 – 118	3.9	59.7 – 62.1
31	94 – 96	75.5 – 81.3	75.1 – 80.9	0.8	1.84 – 1.96	173 – 238	108 – 119	4.3	59.9 – 62.3
32	94 – 95	82.1 – 88.0	81.7 – 87.5	0.9	1.85 – 1.97	173 – 238	108 – 119	4.7	60.1 – 62.5
33	94 – 95	88.7 – 94.6	88.2 – 94.1	0.9	1.85 – 1.97	173 – 238	108 – 119	5.1	60.3 – 62.7
34	94 – 95	95.3 – 101.3	94.7 – 100.7	1.0	1.85 – 1.97	173 – 238	108 – 119	5.5	60.5 – 62.9
35	94 – 95	101.9 – 107.9	101.2 – 107.3	1.0	1.85 – 1.97	173 – 238	108 – 119	5.9	60.6 – 63.0
36	93 – 94	108.4 – 114.5	107.6 – 113.8	1.1	1.86 – 1.98	173 – 238	108 – 119	6.3	60.7 – 63.1
37	93 – 94	114.9 – 121.1	114.1 – 120.3	1.2	1.86 – 1.98	173 – 238	108 – 119	6.7	60.8 – 63.2
38	93 – 94	121.4 – 127.7	120.5 – 126.8	1.2	1.86 – 1.98	173 – 238	108 – 119	7.1	60.9 – 63.3
39	92 – 93	127.8 – 134.2	126.9 – 133.2	1.3	1.87 – 1.99	173 – 238	108 – 119	7.5	61.0 – 63.4
40	92 – 93	134.3 – 140.7	133.2 – 139.6	1.4	1.87 – 1.99	173 – 238	108 – 119	7.9	61.1 – 63.5
41	91 – 93	140.6 – 147.2	139.5 – 146.0	1.4	1.87 – 1.99	173 – 238	108 – 119	8.3	61.2 – 63.6
42	91 – 92	147.0 – 153.7	145.8 – 152.4	1.5	1.88 – 2.00	173 – 238	108 – 119	8.7	61.3 – 63.9
43	90 – 92	153.3 – 160.1	152.0 – 158.7	1.6	1.88 – 2.00	173 – 238	108 – 119	9.1	61.5 – 64.1
44	90 – 92	159.6 – 166.5	158.1 – 165.0	1.6	1.88 – 2.00	173 – 238	108 – 119	9.5	61.6 – 64.2
45	89 – 91	165.8 – 172.9	164.3 – 171.3	1.7	1.89 – 2.01	171 – 236	107 – 118	9.9	61.6 – 64.2

<sup>1</sup> The chart shows an expected range of water and feed consumption at normal environmental temperatures of 21–27°C. As the environmental temperature increases above this range, water consumption may increase up to double the amounts shown.

<sup>2</sup> Compared to intensive systems, the feed intake in barn, aviary and free range flocks is generally higher to cover the increased energy demand of more active birds and temperature fluctuations. See table on p. 10 for the approximate relationship between feed intake and environmental temperature.

<sup>3</sup> Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

# Performance Tables *(continued)*

AGE (weeks)	% HEN-DAY Current	HEN-DAY EGGS Cumulative	HEN-HOUSED EGGS Cumulative	MORT- ALITY Cumulative (%)	BODY WEIGHT (kg)	WATER CONSUMP- TION <sup>1</sup> (ml / bird / day)	FEED INTAKE <sup>1,2</sup> (g / bird / day)	HEN- HOUSED EGG MASS Cumulative (kg)	AVERAGE EGG WEIGHT <sup>3</sup> (g / egg)
46	89 – 91	172.1 – 179.3	170.4 – 177.6	1.8	1.89 – 2.01	171 – 236	107 – 118	10.3	61.7 – 64.3
47	88 – 90	178.2 – 185.6	176.4 – 183.7	1.9	1.89 – 2.01	171 – 236	107 – 118	10.6	61.8 – 64.4
48	88 – 90	184.4 – 191.9	182.5 – 189.9	1.9	1.89 – 2.01	171 – 236	107 – 118	11.0	61.9 – 64.5
49	88 – 90	190.5 – 198.2	188.5 – 196.1	2.0	1.89 – 2.01	171 – 236	107 – 118	11.4	62.0 – 64.6
50	88 – 89	196.7 – 204.4	194.5 – 202.2	2.1	1.89 – 2.01	171 – 236	107 – 118	11.8	62.1 – 64.7
51	87 – 89	202.8 – 210.6	200.5 – 208.3	2.1	1.89 – 2.01	170 – 234	106 – 117	12.2	62.1 – 64.7
52	87 – 89	208.9 – 216.9	206.4 – 214.4	2.2	1.89 – 2.01	170 – 234	106 – 117	12.5	62.2 – 64.8
53	87 – 88	215.0 – 223.0	212.4 – 220.4	2.3	1.89 – 2.01	170 – 234	106 – 117	12.9	62.2 – 64.8
54	87 – 88	221.1 – 229.2	218.3 – 226.4	2.3	1.89 – 2.01	170 – 234	106 – 117	13.3	62.2 – 64.8
55	86 – 88	227.1 – 235.3	224.2 – 232.4	2.4	1.90 – 2.02	170 – 234	106 – 117	13.7	62.2 – 64.8
56	86 – 87	233.1 – 241.4	230.1 – 238.4	2.5	1.90 – 2.02	170 – 234	106 – 117	14.0	62.3 – 64.9
57	85 – 87	239.1 – 247.5	235.9 – 244.3	2.6	1.90 – 2.02	170 – 234	106 – 117	14.4	62.3 – 64.9
58	85 – 87	245.0 – 253.6	241.7 – 250.2	2.6	1.90 – 2.02	170 – 234	106 – 117	14.8	62.3 – 64.9
59	85 – 87	251.0 – 259.7	247.5 – 256.1	2.7	1.90 – 2.02	170 – 234	106 – 117	15.1	62.4 – 65.0
60	84 – 86	256.8 – 265.7	253.2 – 262.0	2.8	1.90 – 2.02	170 – 234	106 – 117	15.5	62.4 – 65.0
61	84 – 86	262.7 – 271.7	258.9 – 267.8	2.9	1.90 – 2.02	170 – 234	106 – 117	15.9	62.5 – 65.1
62	83 – 86	268.5 – 277.8	264.5 – 273.7	2.9	1.90 – 2.02	170 – 234	106 – 117	16.2	62.5 – 65.1
63	83 – 85	274.3 – 283.7	270.1 – 279.4	3.0	1.90 – 2.02	170 – 234	106 – 117	16.6	62.6 – 65.2
64	83 – 85	280.1 – 289.7	275.8 – 285.2	3.1	1.90 – 2.02	170 – 234	106 – 117	16.9	62.6 – 65.2
65	83 – 85	286.0 – 295.6	281.4 – 291.0	3.2	1.90 – 2.02	170 – 234	106 – 117	17.3	62.7 – 65.3
66	82 – 84	291.7 – 301.5	286.9 – 296.6	3.3	1.90 – 2.02	170 – 234	106 – 117	17.7	62.7 – 65.3
67	81 – 84	297.4 – 307.4	292.4 – 302.3	3.4	1.90 – 2.02	170 – 234	106 – 117	18.0	62.8 – 65.4
68	81 – 83	303.0 – 313.2	297.9 – 307.9	3.5	1.90 – 2.02	170 – 234	106 – 117	18.4	62.8 – 65.4
69	81 – 82	308.7 – 318.9	303.3 – 313.4	3.7	1.90 – 2.02	170 – 234	106 – 117	18.7	62.9 – 65.5
70	80 – 82	314.3 – 324.7	308.7 – 319.0	3.8	1.91 – 2.03	170 – 234	106 – 117	19.1	62.9 – 65.5
71	79 – 81	319.8 – 330.3	314.0 – 324.4	3.9	1.91 – 2.03	170 – 234	106 – 117	19.4	63.0 – 65.6
72	79 – 81	325.4 – 336.0	319.3 – 329.9	4.0	1.91 – 2.03	170 – 234	106 – 117	19.7	63.0 – 65.6
73	78 – 80	330.8 – 341.6	324.6 – 335.2	4.1	1.91 – 2.03	170 – 234	106 – 117	20.1	63.1 – 65.7
74	77 – 80	336.2 – 347.2	329.7 – 340.6	4.3	1.91 – 2.03	170 – 234	106 – 117	20.4	63.1 – 65.7
75	76 – 79	341.5 – 352.7	334.8 – 345.9	4.4	1.91 – 2.03	170 – 234	106 – 117	20.7	63.2 – 65.8
76	76 – 78	346.9 – 358.2	339.9 – 351.1	4.5	1.91 – 2.03	170 – 234	106 – 117	21.1	63.2 – 65.8
77	75 – 77	352.1 – 363.6	344.9 – 356.2	4.7	1.91 – 2.03	170 – 234	106 – 117	21.4	63.3 – 65.9
78	75 – 77	357.4 – 369.0	349.9 – 361.3	4.8	1.91 – 2.03	170 – 234	106 – 117	21.7	63.3 – 65.9
79	74 – 77	362.5 – 374.4	354.8 – 366.5	5.0	1.91 – 2.03	170 – 234	106 – 117	22.0	63.4 – 66.0
80	74 – 76	367.7 – 379.7	359.7 – 371.5	5.1	1.91 – 2.03	170 – 234	106 – 117	22.4	63.5 – 66.1
81	74 – 76	372.9 – 385.0	364.6 – 376.5	5.3	1.91 – 2.03	170 – 234	106 – 117	22.7	63.5 – 66.1
82	74 – 76	378.1 – 390.3	369.5 – 381.6	5.4	1.91 – 2.03	170 – 234	106 – 117	23.0	63.5 – 66.1
83	73 – 75	383.2 – 395.6	374.4 – 386.5	5.6	1.91 – 2.03	170 – 234	106 – 117	23.3	63.6 – 66.2
84	73 – 75	388.3 – 400.8	379.2 – 391.5	5.7	1.91 – 2.03	170 – 234	106 – 117	23.6	63.6 – 66.2
85	73 – 75	393.4 – 406.1	384.0 – 396.4	5.9	1.91 – 2.03	170 – 234	106 – 117	23.9	63.6 – 66.2
86	73 – 75	398.5 – 411.3	388.8 – 401.4	6.0	1.91 – 2.03	170 – 234	106 – 117	24.2	63.6 – 66.2
87	72 – 74	403.6 – 416.5	393.5 – 406.2	6.2	1.91 – 2.03	170 – 234	106 – 117	24.5	63.7 – 66.3
88	72 – 74	408.6 – 421.7	398.2 – 411.1	6.3	1.91 – 2.03	170 – 234	106 – 117	24.9	63.7 – 66.3
89	72 – 74	413.6 – 426.9	402.9 – 415.9	6.5	1.91 – 2.03	170 – 234	106 – 117	25.2	63.7 – 66.3
90	72 – 74	418.7 – 432.0	407.7 – 420.7	6.6	1.91 – 2.03	170 – 234	106 – 117	25.5	63.7 – 66.3

<sup>1</sup> The chart shows an expected range of water and feed consumption at normal environmental temperatures of 21–27°C. As the environmental temperature increases above this range, water consumption may increase up to double the amounts shown.

<sup>2</sup> Compared to intensive systems, the feed intake in barn, aviary and free range flocks is generally higher to cover the increased energy demand of more active birds and temperature fluctuations. See table on p. 10 for the approximate relationship between feed intake and environmental temperature.

<sup>3</sup> Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

### Performance Table: Growing Period

Age in Weeks	Body Weight g	Feed Consumption g/day per bird	Feed Consumption Cumulative g
1	70	13	91
2	120	20	231
3	190	25	406
4	280	29	609
5	380	33	840
6	480	37	1099
7	590	41	1386
8	700	46	1708
9	800	51	2065
10	900	56	2457
11	1000	61	2884
12	1090	66	3346
13	1180	70	3836
14	1270	74	4354
15	1360	76	4886
16	1450	78	5432
17	1540	80	5992
18	1610		

### Performance Table: Laying Period

Age in Weeks	% Hen-Day Production	% Mortality Cumulative	Hen-Day Eggs Cumulative	Hen-Housed Eggs Cumulative	Body Weight kg	Average Egg Weight* g/egg	Feed Consumption g/day per bird	Hen-Housed Egg Mass Cumulative kg	Haugh Units	Egg Quality Breaking Strength	Shell Color
18	4	0.1	0.3	0.3	1.61	45.3	83	0.01	98.0	4680	91
19	28	0.1	2.2	2.2	1.70	46.5	87	0.10	97.7	4670	92
20	69	0.2	7.1	7.1	1.76	47.8	90	0.3	97.4	4660	93
21	87	0.3	13.2	13.1	1.78	50.8	93	0.6	97.1	4650	93
22	93	0.3	19.7	19.6	1.80	52.6	96	1.0	96.8	4640	92
23	94	0.4	26.3	26.2	1.82	53.6	98	1.3	96.5	4630	92
24	95	0.5	32.9	32.8	1.84	55.0	101	1.7	96.2	4620	91
25	96	0.6	39.6	39.5	1.86	56.0	103	2.1	95.9	4610	91
26	96	0.6	46.3	46.2	1.88	56.8	106	2.5	95.6	4600	90
27	96	0.7	53.1	52.8	1.90	57.5	107	2.8	95.3	4590	90
28	96	0.8	59.8	59.5	1.91	58.1	108	3.2	95.0	4580	90
29	96	0.9	66.5	66.2	1.92	58.6	108	3.6	94.7	4570	89
30	96	1.0	73.2	72.8	1.93	59.2	108	4.0	94.4	4560	89
31	95	1.0	79.9	79.4	1.94	59.7	109	4.4	94.1	4550	89
32	95	1.1	86.5	86.0	1.95	60.2	109	4.8	93.8	4540	89
33	95	1.2	93.2	92.5	1.96	60.6	109	5.2	93.5	4530	89
34	95	1.3	99.8	99.1	1.97	60.8	109	5.6	93.2	4520	89
35	94	1.4	106.4	105.6	1.98	60.9	110	6.0	92.9	4510	88
36	94	1.5	113.0	112.1	1.99	61.0	110	6.4	92.6	4500	88
37	94	1.5	119.6	118.6	2.00	61.1	110	6.8	92.3	4490	88
38	94	1.6	126.1	125.0	2.01	61.1	110	7.2	92.0	4480	88
39	93	1.7	132.7	131.4	2.01	61.2	110	7.6	91.7	4470	88
40	93	1.8	139.2	137.8	2.02	61.2	110	8.0	91.4	4460	88
41	93	1.9	145.7	144.2	2.02	61.3	110	8.4	91.1	4450	88
42	92	2.0	152.1	150.5	2.02	61.3	110	8.7	90.8	4440	88
43	92	2.1	158.6	156.8	2.02	61.4	110	9.1	90.5	4430	88
44	92	2.2	165.0	163.1	2.03	61.4	110	9.5	90.2	4420	87
45	92	2.3	171.4	169.4	2.03	61.5	110	9.9	89.9	4410	87

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

Performance Table											
Age in Weeks	% Hen-Day Production	% Mortality Cumulative	Hen-Day Eggs Cumulative	Hen-Housed Eggs Cumulative	Body Weight kg	Average Egg Weight* g/egg	Feed Consumption g/day per bird	Hen-Housed Egg Mass Cumulative kg	Haugh Units	Egg Quality Breaking Strength	Shell Color
46	92	2.4	177.9	175.7	2.03	61.5	110	10.3	89.6	4400	87
47	92	2.4	184.3	182.0	2.03	61.6	110	10.7	89.3	4390	87
48	92	2.5	190.8	188.3	2.04	61.6	110	11.1	89.0	4380	87
49	91	2.6	197.1	194.5	2.04	61.7	110	11.4	88.7	4370	87
50	91	2.7	203.5	200.7	2.04	61.7	110	11.8	88.4	4360	86
51	91	2.8	209.9	206.9	2.04	61.8	111	12.2	88.1	4350	86
52	91	2.9	216.2	213.0	2.05	61.8	111	12.6	87.8	4340	86
53	91	3.0	222.6	219.2	2.05	61.8	111	13.0	87.5	4330	86
54	90	3.1	228.9	225.3	2.05	61.9	111	13.3	87.2	4320	86
55	90	3.2	235.2	231.4	2.05	61.9	111	13.7	86.9	4310	86
56	90	3.3	241.5	237.5	2.06	62.0	111	14.1	86.6	4300	85
57	90	3.4	247.8	243.6	2.06	62.0	111	14.5	86.3	4290	85
58	89	3.5	254.0	249.6	2.06	62.1	111	14.9	86.0	4280	85
59	89	3.6	260.3	255.6	2.06	62.1	111	15.2	85.7	4270	85
60	88	3.7	266.4	261.5	2.06	62.1	111	15.6	85.4	4260	84
61	88	3.8	272.6	267.5	2.06	62.2	111	16.0	85.1	4250	84
62	87	3.9	278.7	273.3	2.06	62.2	111	16.3	84.8	4240	84
63	87	4.1	284.8	279.2	2.06	62.2	111	16.7	84.5	4230	84
64	86	4.2	290.8	284.9	2.06	62.2	111	17.1	84.2	4220	83
65	86	4.3	296.8	290.7	2.06	62.2	111	17.4	83.9	4210	83
66	85	4.4	302.8	296.4	2.06	62.3	111	17.8	83.6	4200	83
67	85	4.5	308.7	302.1	2.06	62.3	111	18.1	83.3	4190	83
68	84	4.6	314.6	307.7	2.06	62.4	111	18.5	83.0	4180	82
69	84	4.7	320.5	313.3	2.06	62.4	111	18.8	82.7	4170	82
70	83	4.9	326.3	318.8	2.06	62.5	111	19.2	82.4	4160	82
71	83	5.0	332.1	324.3	2.06	62.5	110	19.5	82.1	4150	82
72	82	5.1	337.8	329.8	2.06	62.6	110	19.8	81.8	4140	81
73	82	5.2	343.6	335.2	2.06	62.6	110	20.2	81.5	4130	81
74	81	5.3	349.2	340.6	2.06	62.7	110	20.5	81.2	4120	81
75	81	5.5	354.9	345.9	2.06	62.7	110	20.9	80.9	4110	81
76	80	5.6	360.5	351.2	2.06	62.8	110	21.2	80.6	4100	80
77	80	5.7	366.1	356.5	2.06	62.8	110	21.5	80.3	4090	80
78	79	5.8	371.6	361.7	2.06	62.9	110	21.9	80.0	4080	80
79	79	5.9	377.2	366.9	2.06	62.9	110	22.2	79.7	4070	80
80	78	6.1	382.6	372.1	2.06	63.0	110	22.5	79.4	4060	80

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

**Performance Table: Growing Period**

Age in Weeks	Body Weight g	Feed Consumption g/day per bird	Feed Consumption Cumulative g
1	70	13	91
2	115	20	231
3	190	25	406
4	280	29	609
5	380	33	840
6	490	37	1099
7	590	41	1386
8	710	46	1708
9	810	51	2065
10	920	56	2457
11	1020	61	2884
12	1120	66	3346
13	1190	70	3836
14	1260	73	4347
15	1330	75	4872
16	1400	77	5411
17	1460	78	5957
18	1500		

**Performance Table: Laying Period**

Age in Weeks	% Hen-Day	% Mortality Cumulative	Hen-Day Eggs Cumulative	Hen-Housed Eggs Cumulative	Body Weight kg	Average Egg Weight* g/egg	Feed Consumption g/day per bird	Egg Mass Cumulative kg	Egg Quality		
									Haugh Units	Breaking Strength	Shell Color
19	6	0.1	0.4	0.4	1.51	43.0	81	0.0	100.6	4440	49
20	20	0.1	1.8	1.8	1.61	46.0	85	0.1	100.1	4440	50
21	46	0.1	5.0	5.0	1.69	49.0	90	0.2	99.7	4450	50
22	69	0.2	9.8	9.8	1.73	51.0	95	0.5	99.2	4450	50
23	83	0.2	15.7	15.6	1.75	54.0	98	0.8	98.8	4460	49
24	89	0.3	21.9	21.9	1.76	55.0	100	1.1	98.4	4460	49
25	92	0.3	28.4	28.3	1.78	56.0	102	1.5	98.0	4450	49
26	93	0.4	34.9	34.8	1.79	57.0	104	1.9	97.6	4440	49
27	94	0.4	41.5	41.3	1.80	58.0	106	2.3	97.2	4430	49
28	94	0.5	48.1	47.9	1.82	59.0	107	2.6	96.8	4420	48
29	94	0.5	54.6	54.5	1.83	60.0	108	3.0	96.4	4410	48
30	94	0.6	61.2	61.0	1.84	60.0	108	3.4	96.0	4400	48
31	94	0.6	67.8	67.5	1.85	61.0	109	3.8	95.6	4390	48
32	94	0.7	74.4	74.1	1.86	61.0	109	4.2	95.2	4380	48
33	94	0.7	80.9	80.6	1.87	61.0	109	4.6	94.8	4370	48
34	94	0.8	87.5	87.1	1.87	62.0	109	5.0	94.5	4360	47
35	93	0.8	94.0	93.5	1.88	62.0	110	5.4	94.1	4350	47
36	93	0.9	100.5	100.0	1.88	62.0	110	5.9	93.7	4340	47
37	93	0.9	107.0	106.4	1.88	63.0	110	6.3	93.3	4330	47
38	93	1.0	113.5	112.9	1.89	63.0	110	6.7	93.0	4320	46
39	92	1.0	120.0	119.2	1.89	63.0	110	7.1	92.6	4310	46
40	92	1.1	126.4	125.6	1.89	63.0	110	7.5	92.2	4300	46
41	92	1.2	132.8	132.0	1.89	63.0	110	7.9	91.8	4290	46
42	91	1.2	139.2	138.3	1.89	64.0	110	8.3	91.5	4280	46
43	91	1.3	145.5	144.5	1.89	64.0	110	8.7	91.1	4270	45
44	90	1.3	151.8	150.8	1.90	64.0	110	9.1	90.7	4260	45
45	89	1.4	158.1	156.9	1.90	64.0	110	9.5	90.4	4250	45

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.

Performance Table: Laying Period											
Age in Weeks	% Hen-Day	% Mortality Cumulative	Hen-Day Eggs Cumulative	Hen-Housed Eggs Cumulative	Body Weight kg	Average Egg Weight* g/egg	Feed Consumption g/day per bird	Egg Mass Cumulative kg	Egg Quality		
									Haugh Units	Breaking Strength	Shell Color
46	89	1.4	164.3	163.1	1.90	64.0	110	9.9	90.0	4240	45
47	88	1.5	170.5	169.2	1.90	64.0	110	10.3	89.7	4230	45
48	88	1.6	176.7	175.2	1.90	64.0	110	10.7	89.4	4220	44
49	88	1.6	182.8	181.3	1.90	64.0	110	11.1	89.0	4210	44
50	87	1.7	188.9	187.2	1.90	64.0	110	11.5	88.7	4200	44
51	86	1.8	195.0	193.2	1.90	65.0	110	11.9	88.4	4190	44
52	86	1.9	201.0	199.1	1.90	65.0	110	12.3	88.1	4180	44
53	85	1.9	206.9	204.9	1.90	65.0	110	12.7	87.8	4170	43
54	85	2.0	212.9	210.8	1.91	65.0	110	13.0	87.4	4160	43
55	84	2.1	218.8	216.5	1.91	65.0	110	13.4	87.1	4150	43
56	84	2.1	224.6	222.2	1.91	65.0	110	13.8	86.9	4140	43
57	83	2.2	230.4	227.9	1.91	65.0	110	14.2	86.5	4130	43
58	83	2.3	236.2	233.6	1.91	65.0	110	14.6	86.3	4120	42
59	82	2.3	241.9	239.2	1.91	65.0	110	14.9	86.0	4110	42
60	82	2.4	247.6	244.7	1.91	65.0	110	15.3	85.7	4100	42
61	81	2.5	253.3	250.3	1.91	65.0	110	15.7	85.4	4090	42
62	81	2.6	258.9	255.7	1.91	65.0	110	16.0	85.2	4080	42
63	80	2.7	264.5	261.2	1.91	65.0	110	16.4	84.9	4070	41
64	79	2.7	270.1	266.6	1.91	65.0	110	16.8	84.7	4060	41
65	79	2.8	275.6	272.0	1.91	65.0	110	17.1	84.4	4050	41
66	78	2.9	281.1	277.3	1.91	66.0	110	17.5	84.1	4040	41
67	78	3.0	286.5	282.5	1.92	66.0	110	17.8	83.8	4030	41
68	77	3.1	291.9	287.8	1.92	66.0	110	18.2	83.5	4020	40
69	76	3.2	297.2	292.9	1.92	66.0	110	18.5	83.3	4010	40
70	76	3.3	302.6	298.1	1.92	66.0	110	18.9	83.0	4000	40
71	75	3.4	307.8	303.2	1.92	66.0	110	19.2	82.8	3990	40
72	75	3.5	313.0	308.2	1.92	66.0	110	19.6	82.6	3980	40
73	74	3.6	318.2	313.2	1.92	67.0	110	19.9	82.4	3970	40
74	73	3.8	323.4	318.1	1.92	67.0	110	20.3	82.1	3960	39
75	73	3.9	328.5	323.0	1.92	67.0	110	20.6	81.9	3950	39
76	72	4.0	333.5	327.9	1.92	67.0	110	21.0	81.7	3940	39
77	72	4.1	338.5	332.7	1.92	67.0	110	21.3	81.4	3930	39
78	71	4.2	343.5	337.4	1.92	67.0	110	21.6	81.2	3920	39
79	70	4.4	348.4	342.2	1.92	67.0	110	22.0	81.0	3910	38
80	70	4.5	353.3	346.8	1.92	67.0	110	22.3	80.8	3900	38

\* Egg weights after 40 weeks of age assume phase feeding of protein to limit egg size.