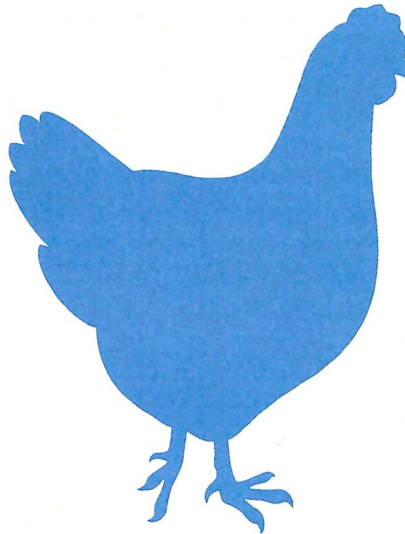


FEED

**Feed intake
between 0 – 20 weeks**
7.8 – 8.0 kg

**Daily feed intake
in production**
118 – 123 g

**Feed Conversion Rate
(kg/kg)**
until 80 weeks 2.16
until 90 weeks 2.19
until 100 weeks 2.23



SUMMARY OF BROWN NICK PERFORMANCE STANDARDS



EGG PRODUCTION

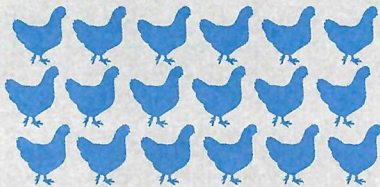
Age at 50 % Production
142 – 152 days

Peak Production
94 – 95 %

Period over 90 %
32 weeks

Eggs per Hen Housed
until 80 weeks 367
until 90 weeks 415
until 100 weeks 459

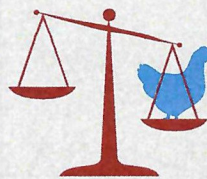
**Cumulative Egg Mass
per Hen Housed**
until 80 weeks 23.1 kg
until 90 weeks 26.4 kg
until 100 weeks 29.3 kg



LIVEABILITY

Rearing
0 – 19 weeks 96 – 98 %

Production
19 – 100 weeks 88 – 93 %



BODY WEIGHT

until 19 weeks 1.596 kg
until 30 weeks 1.925 kg
until 72 weeks 2.033 kg
until 100 weeks 2.090 kg



EGG WEIGHT

until 80 weeks 63.1
until 90 weeks 63.5
until 100 weeks 63.9

PERFORMANCE GOALS

Table 28: Performance of the H&N "Brown Nick" layer to 100 weeks of age under good management and moderate environment

Age week	Liveability %	Prod. HD %	Eggs/HH eggs	Egg Weight g/egg	Cum. Egg Weight g/egg	Egg Mass kg	Body Weight g
19	100.0	9.8	0.7	44.8	44.8	0.03	1596
20	100.0	44.7	3.8	47.4	46.9	0.18	1675
21	99.9	67.1	8.5	49.8	48.5	0.41	1750
22	99.9	80.4	14.1	52.0	49.9	0.71	1810
23	99.8	88.4	20.3	53.9	51.1	1.04	1850
24	99.8	91.9	26.7	55.6	52.2	1.39	1882
25	99.7	93.2	33.2	57.0	53.1	1.77	1897
26	99.7	93.8	39.8	58.2	54.0	2.15	1908
27	99.6	94.2	46.3	59.0	54.7	2.53	1914
28	99.6	94.6	52.9	59.7	55.3	2.93	1918
29	99.5	94.8	59.5	60.3	55.9	3.33	1922
30	99.5	95.0	66.2	60.8	56.4	3.73	1925
31	99.4	95.1	72.8	61.2	56.8	4.13	1928
32	99.3	95.2	79.4	61.7	57.2	4.54	1931
33	99.3	95.2	86.0	62.0	57.6	4.95	1934
34	99.2	95.2	92.6	62.3	57.9	5.36	1937
35	99.2	95.1	99.2	62.6	58.2	5.78	1940
36	99.1	95.0	105.8	62.8	58.5	6.19	1943
37	99.0	94.9	112.4	63.0	58.8	6.61	1946
38	99.0	94.8	119.0	63.1	59.0	7.02	1949
39	98.9	94.6	125.5	63.3	59.2	7.43	1952
40	98.8	94.4	132.0	63.4	59.4	7.85	1955
41	98.7	94.2	138.5	63.5	59.6	8.26	1958
42	98.6	94.0	145.0	63.6	59.8	8.67	1961
43	98.5	93.8	151.5	63.7	60.0	9.09	1964
44	98.4	93.6	158.0	63.8	60.1	9.50	1967
45	98.3	93.4	164.4	63.9	60.3	9.91	1970
46	98.2	93.1	170.8	64.0	60.4	10.32	1973
47	98.1	92.8	177.1	64.1	60.5	10.73	1976
48	98.0	92.5	183.5	64.2	60.7	11.13	1979
49	97.9	92.2	189.8	64.3	60.8	11.54	1982
50	97.8	91.8	196.1	64.4	60.9	11.94	1985
51	97.7	91.5	202.4	64.4	61.0	12.35	1988
52	97.6	91.2	208.6	64.5	61.1	12.75	1991
53	97.5	90.7	214.8	64.6	61.2	13.15	1994
54	97.3	90.4	220.9	64.7	61.3	13.55	1997
55	97.2	90.0	227.1	64.8	61.4	13.94	1999
56	97.1	89.6	233.1	64.9	61.5	14.34	2001
57	97.0	89.2	239.2	65.0	61.6	14.73	2003
58	96.8	88.8	245.2	65.1	61.7	15.13	2005
59	96.7	88.3	251.2	65.2	61.8	15.51	2007
60	96.6	87.8	257.1	65.2	61.8	15.90	2009

PERFORMANCE GOALS

Table 28: Performance of the H&N “Brown Nick” layer to 100 weeks of age under good management and moderate environment

Age week	Liveability %	Prod. HD %	Eggs/HH eggs	Egg Weight g/egg	Cum. Egg Weight g/egg	Egg Mass kg	Body Weight g
61	96.4	87.3	263.0	65.3	61.9	16.29	2011
62	96.3	86.8	268.9	65.4	62.0	16.67	2013
63	96.1	86.3	274.7	65.4	62.1	17.05	2015
64	96.0	85.8	280.4	65.5	62.1	17.43	2017
65	95.8	85.3	286.2	65.6	62.2	17.80	2019
66	95.7	84.8	291.8	65.7	62.3	18.18	2021
67	95.5	84.3	297.5	65.7	62.3	18.55	2023
68	95.4	83.8	303.1	65.8	62.4	18.91	2025
69	95.2	83.3	308.6	65.9	62.5	19.28	2027
70	95.1	82.8	314.1	66.0	62.5	19.64	2029
71	94.9	82.3	319.6	66.0	62.6	20.00	2031
72	94.7	81.8	325.0	66.1	62.6	20.36	2033
73	94.6	81.3	330.4	66.2	62.7	20.72	2035
74	94.4	80.8	335.8	66.2	62.8	21.07	2037
75	94.2	80.3	341.1	66.3	62.8	21.42	2039
76	94.0	79.8	346.3	66.3	62.9	21.77	2041
77	93.9	79.3	351.5	66.4	62.9	22.12	2043
78	93.7	78.8	356.7	66.5	63.0	22.46	2045
79	93.5	78.3	361.8	66.5	63.0	22.80	2048
80	93.3	77.8	366.9	66.5	63.1	23.14	2050
81	93.1	77.3	371.9	66.6	63.1	23.48	2052
82	93.0	76.8	376.9	66.6	63.2	23.81	2054
83	92.8	76.3	381.9	66.7	63.2	24.14	2056
84	92.6	75.7	386.8	66.7	63.3	24.47	2058
85	92.4	75.1	391.6	66.8	63.3	24.79	2060
86	92.2	74.5	396.5	66.8	63.3	25.11	2062
87	92.0	73.9	401.2	66.9	63.4	25.43	2064
88	91.8	73.3	405.9	66.9	63.4	25.75	2066
89	91.6	72.7	410.6	67.0	63.5	26.06	2068
90	91.5	72.1	415.2	67.0	63.5	26.37	2070
91	91.3	71.5	419.8	67.0	63.5	26.67	2072
92	91.1	70.9	424.3	67.0	63.6	26.98	2074
93	90.9	70.3	428.8	67.1	63.6	27.28	2076
94	90.7	69.7	433.2	67.1	63.7	27.57	2078
95	90.5	69.1	437.6	67.1	63.7	27.87	2080
96	90.3	68.5	441.9	67.2	63.7	28.16	2082
97	90.1	67.9	446.2	67.2	63.8	28.45	2084
98	89.9	67.3	450.4	67.2	63.8	28.73	2086
99	89.7	66.7	454.6	67.3	63.8	29.01	2088
100	89.5	66.1	458.7	67.3	63.9	29.29	2090