

Hubbard
YOUR CHOICE, OUR COMMITMENT

BREEDING
FOR
YOU

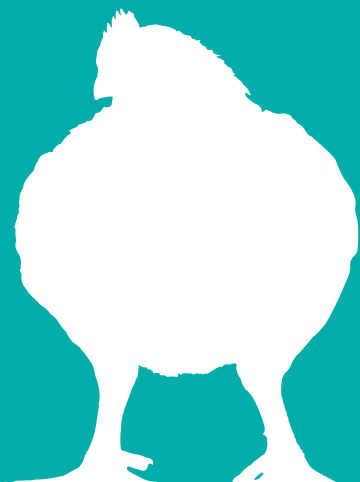
SINCE 1921

HUBBARD CONVENTIONAL



PERFORMANCE OBJECTIVES

EDGE
PARENT STOCK



PARENT STOCK FEMALE FEEDING AND BODYWEIGHT OBJECTIVES – REARING PERIOD

The primary objective to consider is the bodyweight. The composition of the feed may differ from the values shown below.

Age		Dark house / Open house in season							Difficult conditions / Open side house out of season							
Weeks	Days	Bodyweight		Growth/day		Ration/day		ME (kcal)	Bodyweight		Growth/day		Ration/day		ME (kcal)	
		(g)	(lb)	(g)	(lb)	(g)	(lb/100 females)		(g)	(lb)	(g)	(lb)	(g)	(lb/100 females)		
0	0					Ad lib	Ad lib							Ad lib	Ad lib	
1	7	144	0.32			Ad lib (24)	Ad lib (5.3)	65	144	0.32			Ad lib (24)	Ad lib (5.3)	65	
2	14	263	0.58	120	0.26	Ad lib (30)	Ad lib (6.6)	79	263	0.58	120	0.26	Ad lib (30)	Ad lib (6.6)	79	
3	21	389	0.86	126	0.28	32	7.0	90	389	0.86	126	0.28	32	7.0	90	
4	28	508	1.12	119	0.26	35	7.7	97	508	1.12	119	0.26	35	7.7	97	
5	35	617	1.36	109	0.24	40	8.7	105	622	1.37	114	0.25	40	8.9	105	
6	42	712	1.57	95	0.21	43	9.4	113	721	1.59	99	0.22	43	9.5	113	
7	49	805	1.78	93	0.21	46	10.0	121	818	1.80	98	0.22	47	10.3	121	
8	56	897	1.98	92	0.20	49	10.7	129	915	2.02	96	0.21	50	11.0	129	
9	63	987	2.18	90	0.20	52	11.4	137	1010	2.23	95	0.21	53	11.6	137	
10	70	1076	2.37	89	0.20	57	12.6	152	1103	2.43	94	0.21	58	12.9	152	
11	77	1165	2.57	89	0.20	61	13.4	161	1197	2.64	94	0.21	62	13.7	161	
12	84	1255	2.77	89	0.20	65	14.3	172	1290	2.84	94	0.21	66	14.6	172	
13	91	1350	2.98	95	0.21	69	15.3	183	1390	3.07	100	0.22	71	15.6	183	
14	98	1461	3.22	111	0.24	74	16.3	196	1506	3.32	116	0.26	76	16.7	196	
15	105	1574	3.47	113	0.25	79	17.4	209	1624	3.58	118	0.26	81	17.9	209	
16	112	1695	3.74	121	0.27	83	18.4	221	1750	3.86	126	0.28	86	19.0	221	
17	119	1824	4.02	130	0.29	89	19.6	236	1885	4.16	135	0.30	92	20.2	236	
18	126	1954	4.31	130	0.29	91	20.1	251	2020	4.45	135	0.30	94	20.7	251	
19	133	2097	4.62	143	0.32	98	21.7	270	2168	4.78	149	0.33	101	22.3	270	
20	140	2250	4.96	153	0.34	104	23.0	287	2327	5.13	158	0.35	107	23.6	287	
21	147	2430	5.36	180	0.40	109	24.1	301	2498	5.51	171	0.38	112	24.7	301	
22	154	2602	5.74	172	0.38	115	25.3	315	2661	5.87	163	0.36	117	25.8	315	
23	161	2768	6.10	165	0.36	121	26.7	334	2821	6.22	161	0.35	124	27.3	334	
24	168	2930	6.46	163	0.36	134	29.6	369	2979	6.57	158	0.35	137	30.2	369	

Birds are weighed without feed in the crop.

PARENT STOCK FEMALE FEEDING AND BODYWEIGHT STANDARD – PRODUCTION PERIOD

Age		Bodyweight		Ration/day		ME	Ration/day	
Weeks	Days	(g)	(lb)	(g)	(lb/100 females)	(kcal/day)	(g)	(lb/100 females)
20	140	2250	4.96	153	0.34	287	104	23
21	147	2430	5.36	180	0.40	301	109	24
22	154	2602	5.74	172	0.38	315	115	25
23	161	2768	6.10	165	0.36	334	121	27
24	168	2930	6.46	163	0.36	369	134	30
		Without Feed Bodyweight / With Feed Bodyweight						
25	175	3088 / 3211	6.81 / 7.08	158	0.35			
26	182	3237 / 3366	7.14 / 7.42	149	0.33			
27	189	3362 / 3496	7.41 / 7.71	126	0.28			
28	196	3457 / 3595	7.62 / 7.93	95	0.21			
29	203	3517 / 3657	7.75 / 8.06	60	0.13			
30	210	3557 / 3699	7.84 / 8.15	40	0.09			
31	217	3586 / 3729	7.91 / 8.22	29	0.06			
32	224	3612 / 3756	7.96 / 8.28	26	0.06			
33	231	3630 / 3776	8.00 / 8.32	19	0.04			
34	238	3649 / 3795	8.05 / 8.37	19	0.04			
35	245	3668 / 3815	8.09 / 8.41	19	0.04			
36	252	3687 / 3834	8.13 / 8.45	19	0.04			
37	259	3706 / 3854	8.17 / 8.50	19	0.04			
38	266	3724 / 3873	8.21 / 8.54	19	0.04			
39	273	3743 / 3893	8.25 / 8.58	19	0.04			
40	280	3762 / 3912	8.29 / 8.63	19	0.04			
41	287	3781 / 3932	8.33 / 8.67	19	0.04			
42	294	3799 / 3951	8.38 / 8.71	19	0.04			
43	301	3818 / 3970	8.42 / 8.75	19	0.04			
44	308	3836 / 3989	8.46 / 8.80	19	0.04			
45	315	3855 / 4009	8.50 / 8.84	19	0.04			
46	322	3873 / 4028	8.54 / 8.88	19	0.04			
47	329	3892 / 4047	8.58 / 8.92	19	0.04			
48	336	3907 / 4063	8.61 / 8.96	15	0.03			
49	343	3922 / 4078	8.65 / 8.99	15	0.03			
50	350	3937 / 4094	8.68 / 9.03	15	0.03			
51	357	3952 / 4110	8.71 / 9.06	15	0.03			
52	364	3967 / 4125	8.74 / 9.09	15	0.03			
53	371	3982 / 4141	8.78 / 9.13	15	0.03			
54	378	3997 / 4156	8.81 / 9.16	15	0.03			
55	385	4012 / 4172	8.84 / 9.20	15	0.03			
56	392	4027 / 4188	8.88 / 9.23	15	0.03			
57	399	4042 / 4203	8.91 / 9.27	15	0.03			
58	406	4057 / 4219	8.94 / 9.30	15	0.03			
59	413	4072 / 4234	8.98 / 9.34	15	0.03			
60	420	4087 / 4250	9.01 / 9.37	15	0.03			
61	427	4102 / 4266	9.04 / 9.40	15	0.03			
62	434	4117 / 4281	9.08 / 9.44	15	0.03			
63	441	4132 / 4297	9.11 / 9.47	15	0.03			
64	448	4147 / 4312	9.14 / 9.51	15	0.03			

Refer to the table
«Female feeding in production»

PARENT STOCK FEMALE PRODUCTION OBJECTIVES

Age	Prod.	Total eggs						Hatching eggs (HE) ***			Chicks		
Weeks		% prod./ HW *	% prod./ HH **	Weekly	Cum.	Egg weight		% HE/TE	Weekly	Cum.	% hatch ****	Weekly	Cum.
						(g)	(lb/doz)						
25	1	5.1	5.1	0.4	0.4	49.8	1.32	53.9	0.2	0.2	75.8	0.1	0.1
26	2	25.6	25.5	1.8	2.1	51.9	1.37	78.0	1.4	1.6	78.3	1.1	1.2
27	3	55.5	55.3	3.9	6.0	53.8	1.42	87.3	3.4	5.0	81.2	2.7	4.0
28	4	76.3	75.8	5.3	11.3	55.6	1.47	90.8	4.8	9.8	83.8	4.0	8.0
29	5	84.5	83.8	5.9	17.2	56.9	1.50	94.0	5.5	15.3	85.8	4.7	12.7
30	6	87.0	86.0	6.0	23.2	58.1	1.54	96.5	5.8	21.1	87.4	5.1	17.8
31	7	87.1	85.9	6.0	29.2	59.2	1.57	97.2	5.8	27.0	88.6	5.2	23.0
32	8	86.6	85.3	6.0	35.2	60.0	1.59	97.3	5.8	32.8	89.8	5.2	28.2
33	9	86.0	84.4	5.9	41.1	60.6	1.60	97.4	5.8	38.5	90.5	5.2	33.4
34	10	85.0	83.3	5.8	46.9	61.2	1.62	97.2	5.7	44.2	91.3	5.2	38.6
35	11	84.1	82.2	5.8	52.7	61.9	1.64	97.3	5.6	49.8	91.5	5.1	43.7
36	12	83.1	81.1	5.7	58.4	62.5	1.65	97.3	5.5	55.3	91.7	5.1	48.8
37	13	82.2	79.9	5.6	63.9	62.9	1.66	97.4	5.4	60.7	91.7	5.0	53.8
38	14	81.2	78.8	5.5	69.5	63.3	1.68	97.2	5.4	66.1	91.5	4.9	58.7
39	15	80.2	77.6	5.4	74.9	64.0	1.69	97.2	5.3	71.4	91.0	4.8	63.5
40	16	79.0	76.4	5.3	80.2	64.2	1.70	97.1	5.2	76.6	90.4	4.7	68.2
41	17	77.8	75.0	5.3	85.5	64.5	1.71	97.1	5.1	81.7	89.8	4.6	72.8
42	18	76.6	73.7	5.2	90.7	64.8	1.72	97.0	5.0	86.7	89.3	4.5	77.2
43	19	75.4	72.4	5.1	95.7	65.1	1.72	97.0	4.9	91.6	88.5	4.3	81.6
44	20	74.3	71.1	5.0	100.7	65.4	1.73	96.9	4.8	96.4	88.0	4.2	85.8
45	21	73.1	69.8	4.9	105.6	65.7	1.74	96.9	4.7	101.2	87.4	4.1	90.0
46	22	72.0	68.6	4.8	110.4	66.0	1.75	96.8	4.6	105.8	86.8	4.0	94.0
47	23	70.8	67.3	4.7	115.1	66.2	1.75	96.8	4.6	110.4	86.2	3.9	97.9
48	24	69.6	66.0	4.6	119.7	66.5	1.76	96.7	4.5	114.8	85.6	3.8	101.7
49	25	69.7	64.7	4.5	124.2	66.8	1.77	96.7	4.4	119.2	85.0	3.7	105.5
50	26	67.3	63.5	4.4	128.7	67.1	1.77	96.6	4.3	123.5	84.3	3.6	109.1
51	27	66.1	62.2	4.4	133.0	67.3	1.78	96.6	4.2	127.7	83.6	3.5	112.6
52	28	64.9	61.0	4.3	137.3	67.6	1.79	96.6	4.1	131.8	82.9	3.4	116.0
53	29	63.8	59.7	4.2	141.5	67.9	1.80	96.5	4.0	135.9	82.2	3.3	119.3
54	30	62.6	58.5	4.1	145.6	47.1	1.25	96.5	4.0	139.8	81.5	3.2	122.6
55	31	61.4	57.3	4.0	149.6	68.3	1.81	96.4	3.9	143.7	80.8	3.1	125.7
56	32	61.7	56.0	3.9	153.5	68.5	1.81	96.4	3.8	147.5	80.0	3.0	128.7
57	33	59.0	54.8	3.8	157.4	68.8	1.82	96.3	3.7	151.2	79.3	2.9	131.6
58	34	57.9	53.6	3.8	161.1	68.9	1.82	96.3	3.6	154.8	78.5	2.8	134.5
59	35	56.7	52.4	3.7	164.8	69.1	1.83	96.2	3.5	158.3	77.7	2.7	137.2
60	36	55.5	51.2	3.6	168.4	69.2	1.83	96.2	3.4	161.7	76.9	2.6	139.9
61	37	54.4	50.0	3.5	171.9	69.3	1.83	96.1	3.4	165.1	76.1	2.6	142.4
62	38	53.2	48.8	3.4	175.3	69.4	1.84	96.1	3.3	168.4	75.3	2.5	144.9
63	39	52.0	47.6	3.3	178.6	69.5	1.84	96.0	3.2	171.6	74.4	2.4	147.3
64	40	50.8	46.3	3.2	181.8	69.6	1.84	96.1	3.1	174.7	73.6	2.3	149.6

* HW: Hen per Week

** HH: Hen Housed

*** Hatching egg: minimum 50 g

**** Hatchability: based on eggs stored for less than 7 days

PARENT STOCK FEMALE DAILY FEEDING AT ONSET OF PRODUCTION

Floor						
Production	Feed 20 °C / 2825 kcal/kg / 14.2 % CP			Feed 25-28 °C / 2850 kcal/kg / 15.2 % CP*		
	ME (kcal/day)	Ration/day		ME (kcal/day)	Ration/day	
		(g)	(lb/100 females)		(g)	(lb/100 females)
1 %	340	124	27.3	320	112	24,8
5 %	370	135	29.7	350	123	27,1
10 %	376	137	30.1	356	125	27,5
10-20 %		+ min 2 g/day	+min 0.44 lb/day		+ min 2 g/day	+min 0.44 lb/day
20 %	399	145	32.0	384	135	29,7
20 - 60 %		+ min 3.5 g/day	+min 0.77 lb/day		+ min 3 g/day	+min 0.66 lb/day
60 %	464	169	37.2	449	158	34,7
> 70 %	470 - 475 **	170 - 172 **	37.5 - 38.0**	450-460**	158 - 162 **	34.8 - 35.7**

* Typical increase in feed is 0.6 g / 0.13 lb per 1 % increase in daily egg production.

** The higher feed intake is for production > 85 %.

The feeding program above is given as an indication. The level of feed ration per day should be adjusted at any time according to the performance level, the birds environment and management conditions.

NOTES

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Hubbard

YOUR CHOICE, OUR COMMITMENT



EDGE



THE EDGE IN POULTRY PERFORMANCE

HUBBARD CONVENTIONAL



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AMERICAS
HUBBARD LLC
123 Gallus Rd
PIKEVILLE, TN 37367 – U.S.A.
TEL. +1 (423) 447 6224
contact.americas@hubbardbreedersusa.com

EUROPE, MIDDLE EAST, AFRICA
HUBBARD S.A.S.
Mauguérand
22800 LE FOEIL – FRANCE
TEL. +33 2 96 79 63 70
contact.emea@hubbardbreeders.com

ASIA
HUBBARD S.A.S.
Mauguérand
22800 LE FOEIL – FRANCE
TEL. +33 2 96 79 63 70
contact.asia@hubbardbreeders.com

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