Cobb500™ Slow Feather

Management Supplement

2026

cobbgenetics.com

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Use the recommendations in this guide along with the Cobb Breeder Management Guide as aids to build your management program.

Management must meet the basic needs of the stock but also be optimized to attain the full potential of the breed. Our recommendations in this supplement are based on current scientific knowledge and practical experience and reflect the genetic potential of the Cobb hens based on Total Eggs and Hatch Percentage data collected from the top 25% of Cobb flocks worldwide.

This supplement should be used as a guide only and adapted locally according to your own experience when projecting performance from all flocks in a particular operation. You should be aware of any local legislation which may influence the management practices that you choose to adopt.

Cobb continues to expand the variety of breed crosses to meet global customer needs and expectations. Cobb technical representatives are always available for any questions and assistance.

Breeder Performance (Top 25% of Flocks)			
Age at 3% Production	(Weeks)	25	
	(Days)	175	
Peak Production	(%)	86	
Peak Hatchability	(%)	90	
Age at Depletion	(Weeks)	60	65
	(Days)	420	455
Total Eggs / Hen Housed		167.4	185.0
Hatching Eggs / Hen Housed	(50g minimum)	162.2	179.2
Cumulative Hatchability	(%)	85.2	84.4
Broiler Chicks / Hen Housed		138.2	151.2
Livability from 25 Weeks	(%)	92.7	92.2

For more technical information download the Cobb Breeder Management Guide at: https://www.cobbgenetics.com/resources

To maximize genetic potential

- Achieve good flock uniformity through careful flock management in rearing.
- Keep birds on the target body weight.
- Provide good quality feed.

Good Management Practices

- Follow Cobb feed recommendations. Research has shown that Cobb's recommended feed specifications have a positive impact on flock uniformity, fleshing, feathering, and performance.
- Provide ideal brooding conditions (feed, light, ventilation, bedding and water management) and closely monitor to ensure physiological requirements are met for optimum bird comfort.
- Adequate feeder space and flock uniformity are essential to achieve optimum performance. Inconsistent feed intake is the main cause of uniformity issues.
- Observe the flock during feeding as often as possible – weekly at a minimum. Ensure feed distribution of < 3 minutes with chain and pan feeders in the dark and correct feed space requirements.
- Use crop evaluations immediately after feed has been cleaned up (before drinking) to confirm that feed distribution is correct.
- Monitor daily water intake and provide adequate drinkers (maximum 10 birds / nipple or 75 birds / bell drinker).
- Biosecurity should always be top priority. Flock health is essential to achieve breed potential.

Rearing Essentials

- Please refer to Cobb Breeder Management Guide for general flock recommendations and uniformity management. Consistent flock uniformity >75 % is preferred during the rearing period to achieve proper condition prior to photo stimulation.
- Uniformity starts at placement. Achieve early body weight and uniformity target at 1, 4, 8, and 12 weeks of age.
- Establish a feeding curve to achieve +/-2% of the body weight standard during rearing. The feeding curve should be supported by the feed specifications and local conditions.
- To accomplish correct flock condition, it is important to achieve bodyweight and fleshing targets at 12, 16, and 20 weeks of age.
- Prevent over weight issues in the first 16 weeks of the rearing period.

Feed Intake and Body Weight Guide in Rearing (Metric)

Age		Body* Weight	Weekly Gain	Feed Intake†			Nutrient Intake (/bird/day)			Feed Specifications (page 12)
Days	Weeks	(g)	(g)	g/bird/day	Feed Type	Increase (g)	Energy‡ (kcal)	Protein (g)	dig. Lys (mg)	
7	1	150		23	ST		66	4.4	215	Chick Starter (ST)
14	2	285	135	29	ST	6	83	5.5	271	kcal / kg 2,850
21	3	410	125	35	ST	6	100	6.7	327	% protein 19.0
28	4	550	140	41	ST	6	116	7.7	383	% dig.Lys 0.93
35	5	660	110	45	GR	4	122	6.6	270	
42	6	760	100	47	GR	2	127	6.8	282	
49	7	860	100	49	GR	2	132	7.1	294	Pullet Grower (GR)
56	8	960	100	51	GR	2	137	7.4	306	kcal / kg 2,700
63	9	1060	100	52	GR	1	140	7.5	312	% protein 14.5
70	10	1150	90	53	GR	1	142	7.6	318	% dig. Lys 0.60
77	11	1240	90	54	GR	1	145	7.8	324	
84	12	1330	90	55	GR	1	148	7.9	330	
91	13	1420	90	58	GR	3	156	8.4	348	
98	14	1515	95	61	GR	3	166	8.9	366	
105	15	1615	100	67	GR	6	180	9.7	402	
112	16	1725	110	73	DEV	6	204	10.9	453	
119	17	1855	130	80	DEV	7	224	12.0	496	
126	18	2005	150	87	DEV	7	244	13.1	539	Pullet Developer (DEV)
133	19	2170	165	95	DEV	8	266	14.3	589	kcal / kg 2,800
140	20	2350	180	102	DEV	7	286	15.3	632	% protein 15.00
147	21	2530	180	107	DEV	5	300	16.1	663	% dig.Lys 0.62
154	22	2700	170	111	DEV	4	310	16.6	688	
161	23	2960	260	114	DEV	3	320	17.1	707	
168	24	3120	160	118	DEV	4	330	17.7	732	

* *Weights correspond to the weekly age based on the placement or hatch date. Between 2 to 22 weeks, weights should be taken when the crop is empty (dry BW) or at least 6 to 7 hours after the last feeding. Another option is to weigh the birds after the lights come on and before feeding takes place. Please consult with your Cobb technical representative for feed and light programs.*

† *Feed intake is developed based on Cobb feed specifications (see page 12) recommended for Cobb 500 females in their comfort zone (18-28°C, or 64-82°F).*

‡ *Nutrient requirements are determined by growth models combined with field data from the best performing Cobb flocks worldwide.*

- Feed intake is for guide purposes only and needs to be adjusted based on actual nutritional specifications to achieve the target BW and optimum conditions for the birds.
- Feed type: ST = starter, GR = grower, DEV = developer
- When daily feeding is done in rearing, the weekly feed amount can be increased by 2 to 3g from 5 to 14 weeks by using a lower density grower diet while maintaining the same nutrient intake/bird/day. This will help reduce stress and achieve more feed availability for proper feed distribution.
- Please refer to Cobb Breeder Management Guide for general flock recommendations and uniformity management. >75% flock uniformity (<9% CV) is preferred consistently during the rearing period to achieve proper condition prior to light stimulation.

Feed Intake and Body Weight Guide in Rearing (Imperial)

Age		Body* Weight	Weekly Gain	Feed Intake†			Nutrient Intake (/bird/day)			Feed Specifications (page 12)
Days	Weeks	(lb)	(lb)	lb/100birds/day	Feed Type	Increase (lb)	Energy‡ (kcal)	Protein (g)	dig. Lys (mg)	
7	1	0.33		5.1	ST		66	4.4	215	Chick Starter (ST)
14	2	0.63	0.30	6.4	ST	1.3	83	5.5	271	kcal / lb 1,293
21	3	0.90	0.27	7.7	ST	1.3	100	6.7	327	% protein 19.0
28	4	1.21	0.31	9.0	ST	1.3	116	7.7	383	% dig.Lys 0.93
35	5	1.46	0.25	10.0	GR	1.0	122	6.6	270	
42	6	1.68	0.22	10.4	GR	0.4	127	6.8	282	
49	7	1.90	0.22	10.8	GR	0.4	132	7.1	294	Pullet Grower (GR)
56	8	2.12	0.22	11.2	GR	0.4	137	7.4	306	kcal / lb 1,225
63	9	2.34	0.22	11.4	GR	0.2	140	7.5	312	% protein 14.5
70	10	2.54	0.20	11.6	GR	0.2	142	7.6	318	% dig. Lys 0.60
77	11	2.73	0.19	11.8	GR	0.2	145	7.8	324	
84	12	2.93	0.20	12.1	GR	0.3	148	7.9	330	
91	13	3.13	0.20	12.7	GR	0.6	156	8.4	348	
98	14	3.34	0.21	13.6	GR	0.9	166	8.9	366	
105	15	3.56	0.22	14.7	GR	1.1	180	9.7	402	
112	16	3.80	0.24	16.1	DEV	1.4	204	10.9	453	
119	17	4.09	0.29	17.6	DEV	1.5	224	12.0	496	
126	18	4.42	0.33	19.2	DEV	1.6	244	13.1	539	Pullet Developer (DEV)
133	19	4.78	0.36	20.9	DEV	1.7	266	14.3	589	kcal / lb 1,270
140	20	5.18	0.40	22.5	DEV	1.6	286	15.3	632	% protein 15.00
147	21	5.58	0.40	23.6	DEV	1.1	300	16.1	663	% dig.Lys 0.62
154	22	5.95	0.37	24.4	DEV	0.8	310	16.6	688	
161	23	6.53	0.58	25.2	DEV	0.8	320	17.1	707	
168	24	6.88	0.35	26.0	DEV	0.8	330	17.7	732	

* *Weights correspond to the weekly age based on the placement or hatch date. Between 2 to 22 weeks, weights should be taken when the crop is empty (dry BW) or at least 6 to 7 hours after the last feeding. Another option is to weigh the birds after the lights come on and before feeding takes place. Please consult with your Cobb technical representative for feed and light programs.*

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- Please refer to Cobb Breeder Management Guide for general flock recommendations and uniformity management. >75% flock uniformity (<9% CV) is preferred consistently during the rearing period to achieve proper condition prior to light stimulation.

FEED INCREASE PLAN

Week	Days of Age	Feed Increase Range (g/bird/day)
14	92 - 98	3 - 5
15	99 - 105	5 - 10
16	106 - 112	6 - 10
17	113 - 119	6 - 10
18	120 - 126	5 - 8
19	127 - 133	5 - 8
20	134 - 140	4 - 7
21	141 - 147	3 - 5
22	148 - 154	3 - 4
23	155 - 161	3 - 4
24	162 - 168	3 - 4
25	169 - 175	Based on production

- The feed amount is based on Cobb nutritional recommendations and for guide purposes only. Lower density feed requires higher feed increases.
- This feed increase plan applies to scenarios when birds are on target body weight or slightly below target at 16 weeks of age. Flocks with poor uniformity (<70%) may require higher feed increases.
- Extra feed increases should be considered during transfer, vaccination or when birds are experiencing stress.

PREPARING THE FLOCK FOR PHOTO STIMULATION

Week	*Fleshing Score*				*Pelvic Fat*
	# 2 (%)	*# 3 (%)*	*# 4 (%)*	*Total # 3+4 (%)*	*(%)*
12	70	30		30	
16	40	60		60	
19	<10	60	30	90	>65
20	<5	60	35	95	>75
21		60	40	100	>85
22		60	40	100	>90

- Light stimulation should be at 154 days (or 22 weeks) of age. If fleshing is ahead at 16 and 20 weeks, the target mixing (and lighting) can begin earlier at 147 days. Bodyweight should increase 36% between 16 to 20 weeks to facilitate fleshing and pelvic fat deposition. Feed increases between 14 to 20 weeks should be accelerated to achieve the target weight, fleshing and fat deposition at lighting.
- The fleshing and fat scores at 19 and 20 weeks of age determine the correct age for lighting. All rearing data including the body weight curve, feeding curve, feed formulation, fleshing and pelvic fat scoring should be used to make this decision.
- It is essential for males and females to have sexual synchronization at mixing. If male maturity is ahead of the female, males can be moved or mixed 1 week later. Temporarily mixing fewer males (5 to 7%) is another option. Please refer to the Cobb male supplement for more information.

Feeding Pullets Into Lay

Hen Day (%)	Energy Intake		Feed Intake (g/bird/day)		Feed Intake (lb/100 birds/day)	
	kcal/bird/day	Range	Amount	Increase	Amount	Increase
5	330	320 to 340	118		26.0	
15	339	330 to 350	121	3	26.7	0.7
25	347	335 to 360	124	3	27.3	0.7
35	364	350 to 375	130	6	28.7	1.3
45	386	375 to 400	138	8	30.4	1.8
55	412	400 to 425	147	9	32.4	2.0
65	437	425 to 450	156	9	34.4	2.0
75	460	440 to 470	164	8	36.2	1.8

- Feed amounts are based on mash Breeder 1 feed. Pellet/crumble feed may require lower calorie intake and adjustments must be made accordingly (reduce energy intake by 5 kcal/lb (11 kcal/kg)).
- The feed amount is based on thermoneutral conditions (21 °C, or 70 °F, from 3 weeks of age). Consult with your local technical service representative when feeding in extreme climate conditions.
- If peak hen day production is expected to go above 86%, the peak feed plan can be extended for 1 to 2 weeks.
- Focus on hen daily body weight gains, daily egg weight changes, and feed clean up time to help determine the amounts and timing of feed reduction from peak feed amounts. Keep in mind that feed clean up time will vary depending on feed form, feeding system, house climate and other factors.
- Please refer to the Cobb Breeder Management Guide or contact your Cobb technical representative concerning post peak feeding.

Feed Intake and Bodyweight Guide in Production (Metric)

Age		Weight	Weekly Gain	Feed Intake		Nutrient Intake (/bird/day)			Feed Specifications (page 12)
Days	Weeks	(g)	(g)	Feed Type	g/ bird/ day	Energy (kcal)	Protein (g)	dig. Lys (mg)	
175	25	3220	100	B1	See Table for Feeding into Lay Page 9				
182	26	3320	100	B1					
189	27	3410	90	B1					
196	28	3500	90	B1	164	460	24.7	1017	Breeder 1
203	29	3590	90	B1	164	460	24.7	1017	kcal / kg 2,800
210	30	3660	70	B1	164	460	24.7	1017	% protein 15.00
217	31	3700	40	B1	163	458	24.5	1011	% dig. Lys 0.62
224	32	3735	35	B1	163	458	24.5	1011	
231	33	3770	35	B1	162	455	24.4	1004	
238	34	3800	30	B1	162	455	24.4	1004	
245	35	3830	30	B1	161	452	24.2	998	
252	36	3855	25	B1	161	452	24.2	998	
259	37	3880	25	B1	160	449	24.1	992	
266	38	3900	20	B1	160	449	24.1	992	
273	39	3920	20	B2	159	446	23.1	938	Breeder 2
280	40	3940	20	B2	159	446	23.1	938	kcal / kg 2,800
287	41	3955	15	B2	158	444	23.0	932	% protein 14.25
294	42	3970	15	B2	158	444	23.0	932	% dig. Lys 0.59
301	43	3985	15	B2	158	444	23.0	932	
308	44	4000	15	B2	157	441	22.8	926	
315	45	4015	15	B2	157	441	22.8	926	
322	46	4030	15	B2	157	441	22.8	926	
329	47	4045	15	B2	156	438	22.7	920	
336	48	4060	15	B2	156	438	22.7	920	
343	49	4075	15	B2	156	438	22.7	920	
350	50	4085	10	B2	155	435	22.5	915	
357	51	4095	10	B2	155	435	22.5	915	
364	52	4105	10	B2	155	435	22.5	915	
371	53	4115	10	B2	155	435	22.5	915	
378	54	4125	10	B2	154	432	22.4	909	
385	55	4135	10	B2	154	432	22.4	909	
392	56	4145	10	B2	154	432	22.4	909	
399	57	4155	10	B2	154	432	22.4	909	
406	58	4165	10	B2	153	430	22.2	903	
413	59	4175	10	B2	153	430	22.2	903	
420	60	4185	10	B2	153	430	22.2	903	
427	61	4195	10	B2	153	430	22.2	903	
434	62	4205	10	B2	152	427	22.1	897	
441	63	4215	10	B2	152	427	22.1	897	
448	64	4225	10	B2	152	427	22.1	897	
455	65	4235	10	B2	152	427	22.1	897	

Feed Intake and Bodyweight Guide in Production (Imperial)

Age		Weight	Weekly Gain	Feed Intake		Nutrient Intake (/bird/day)			Feed Specifications (page 12)
Days	Weeks	(lb)	(lb)	Feed Type	lb/100 birds/day	Energy (kcal)	Protein (g)	dig. Lys (mg)	
175	25	7.10	0.22	B1	See Table for Feeding into Lay Page 9				
182	26	7.32	0.22	B1					
189	27	7.52	0.20	B1					
196	28	7.72	0.20	B1	36.2	460	24.7	1017	Breeder 1
203	29	7.91	0.19	B1	36.2	460	24.7	1017	kcal / kg 1,270
210	30	8.07	0.16	B1	36.2	460	24.7	1017	% protein 15.00
217	31	8.16	0.09	B1	36.0	458	24.5	1011	% dig. Lys 0.62
224	32	8.23	0.07	B1	36.0	458	24.5	1011	
231	33	8.31	0.08	B1	35.8	455	24.4	1004	
238	34	8.38	0.07	B1	35.8	455	24.4	1004	
245	35	8.44	0.06	B1	35.6	452	24.2	998	
252	36	8.50	0.06	B1	35.6	452	24.2	998	
259	37	8.55	0.05	B1	35.4	449	24.1	992	
266	38	8.60	0.05	B1	35.4	449	24.1	992	
273	39	8.64	0.04	B2	35.1	446	23.1	938	Breeder 2
280	40	8.69	0.05	B2	35.1	446	23.1	938	kcal / kg 1,270
287	41	8.72	0.03	B2	34.9	444	23.0	932	% protein 14.25
294	42	8.75	0.03	B2	34.9	444	23.0	932	% dig. Lys 0.59
301	43	8.79	0.04	B2	34.9	444	23.0	932	
308	44	8.82	0.03	B2	34.7	441	22.8	926	
315	45	8.85	0.03	B2	34.7	441	22.8	926	
322	46	8.88	0.03	B2	34.7	441	22.8	926	
329	47	8.92	0.04	B2	34.5	438	22.7	920	
336	48	8.95	0.03	B2	34.5	438	22.7	920	
343	49	8.98	0.03	B2	34.5	438	22.7	920	
350	50	9.01	0.03	B2	34.3	435	22.5	915	
357	51	9.03	0.02	B2	34.3	435	22.5	915	
364	52	9.05	0.02	B2	34.3	435	22.5	915	
371	53	9.07	0.02	B2	34.3	435	22.5	915	
378	54	9.09	0.02	B2	34.0	432	22.4	909	
385	55	9.12	0.03	B2	34.0	432	22.4	909	
392	56	9.14	0.02	B2	34.0	432	22.4	909	
399	57	9.16	0.02	B2	34.0	432	22.4	909	
406	58	9.18	0.02	B2	33.8	430	22.2	903	
413	59	9.20	0.02	B2	33.8	430	22.2	903	
420	60	9.23	0.03	B2	33.8	430	22.2	903	
427	61	9.25	0.02	B2	33.8	430	22.2	903	
434	62	9.27	0.02	B2	33.6	427	22.1	897	
441	63	9.29	0.02	B2	33.6	427	22.1	897	
448	64	9.31	0.02	B2	33.6	427	22.1	897	
455	65	9.34	0.03	B2	33.6	427	22.1	897	

Recommended Nutrient Levels for Cobb500 Breeders

Phase Age in Days	Unit	Starter 0 to 28	Pullet Grower 29 to 105	Developer 106 to 1st egg	Breeder 1 1st Egg to 266	Breeder 2 >266
Metabolizable Energy	MJ/kg	11.87	11.51	11.78	12.20	12.33
	kcal/kg	2850	2700	2800	2800	2800
	kcal/lb	1293	1225	1270	1270	1270
Crude Protein	%	19.0	14.5	15.0	15.0	14.5
Calcium	%	0.95	0.95	1.20	3.00	3.20
Av. Phosphorus	%	0.45	0.40	0.40	0.40	0.38
Sodium	%	0.15 to 0.24				
Chloride	%	0.15 to 0.24				
Potassium	%	0.60				
Linoleic Acid	%	1.00	1.00	1.00	1.25	1.25
Digestible Amino Acids to Achieve Balanced Protein						
Lysine	%	0.93	0.60	0.62	0.62	0.59
Methionine	%	0.42	0.31	0.32	0.32	0.31
M + C	%	0.70	0.51	0.53	0.54	0.51
Tryptophan	%	0.20	0.13	0.14	0.14	0.13
Threonine	%	0.65	0.45	0.47	0.47	0.44
Arginine	%	0.98	0.66	0.68	0.68	0.65
Valine	%	0.67	0.45	0.47	0.47	0.44
Isoleucine	%	0.64	0.42	0.43	0.43	0.41
***Digestible Amino Acid Ratios to Digestible Lysine Recommended Digestible Amino Acid Levels Based on Amino Acid / Lysine Ratios**						
Lysine	%	100	100	100	100	100
Methionine	%	45	52	52	52	52
M + C	%	75	85	85	87	87
Tryptophan	%	21	22	22	22	22
Threonine	%	70	75	75	75	75
Arginine	%	105	110	110	110	110
Valine	%	72	75	75	75	75
Isoleucine	%	68	70	70	70	70

**If the energy level needs to be adjusted for local conditions, then all other nutrients (protein/amino acids) need to be adjusted at the same ratio.*

- The energy values are based on WPSA Apparent Metabolizable Energy adjusted for zero nitrogen balance (AMEn).
- The amino acid values are based on Standardized Ileal Digestibility (SID) assays.
- Add at least 0.75 to 1% fat or oil to Developer, Breeder 1 and Breeder 2 throughout the year in tropical and subtropical regions or during the hot summer months.
- The Cobb nutrient recommendations are based on mash feed. If crumble or pellet feed is provided, decrease the energy recommendations 20 to 40 kcal/kg.

Supplementary Vitamins and Trace Elements

		Starter / Developer / Males		Breeders in Production	
Nutrients	Unit	Per kg	Per lb	Per kg	Per lb
Added Vitamins in Finished Feed					
Vit. A (Maize Diets)	IU	11,600	5,273	14,500	6,591
Vit. A (Wheat Diets)	IU	12,400	5,636	15,500	7,045
Vit. D3	IU	3,840	1,745	4,800	2,182
Vit. E	IU	96	44	120	54.5
Vit. K	g	6.4	2.9	8.0	3.6
Thiamine (B1)	g	4.0	1.8	5.0	2.3
Riboflavin (B2)	g	14.4	6.5	18	8.2
Pantothenic Acid	g	17.6	8.0	22	10.0
Niacin	g	48	21.8	60	27
Pyridoxine (B6)	g	5.6	2.5	7.0	3.2
Folic Acid	g	3.2	1.5	4.0	1.8
Vit. B12	g	0.05	0.022	0.06	0.027
Biotin (Maize Diets)	g	0.40	0.18	0.5	0.23
Biotin (Wheat Diets)	g	0.48	0.20	0.60	0.27
Added Minerals in Finished Feed					
Manganese	g	120	55	120	55
Zinc	g	120	55	120	55
Iron	g	40 to 60	18 to 27	40 to 60	18 to 27
Copper	g	14 to 20	7 to 10	14 to 20	7 to 10
Iodine	g	2.5	1.14	2.5	1.14
Selenium	g	0.3	0.14	0.3	0.14
Suggested Minimum Inclusion in Finished Feed					
Choline	mg	1400	636	1400	636
Linoleic acid	%	2.0	0.91	2.0	0.91

IU = International units
Supplementary levels of vitamins and trace elements should always be reviewed to ensure total levels do not exceed those set in local legislation.
Inclusion levels for trace minerals are formulated based on inorganic forms. If using organic or chelated minerals, please contact the supplier for inclusion value adjustments.

Breeder Performance						
Week	Total Eggs (%HW)	Hatching Eggs (%HW)	Mortality Cum. (%)	% HE Weekly	Total Eggs / HH	Hatching Eggs / HH
25	5.0	3.3	0.2	65.0	0.3	0.2
26	24.0	20.4	0.6	85.0	2.0	1.6
27	57.0	53.0	1.0	93.0	6.0	5.3
28	76.0	72.2	1.3	95.0	11.2	10.3
29	83.5	81.2	1.6	97.2	17.0	15.9
30	85.5	83.1	1.8	97.2	22.9	21.6
31	86.0	83.6	2.0	97.2	28.8	27.4
32	85.7	83.6	2.2	97.5	34.6	33.1
33	85.4	83.3	2.4	97.5	40.5	38.8
34	84.3	82.2	2.6	97.5	46.2	44.4
35	83.2	81.1	2.8	97.5	51.9	49.9
36	82.2	80.1	3.0	97.5	57.5	55.3
37	81.2	79.2	3.2	97.5	63.0	60.7
38	80.2	78.2	3.4	97.5	68.4	66.0
39	79.3	77.3	3.6	97.5	73.7	71.2
40	78.2	76.2	3.8	97.5	79.0	76.4
41	77.0	75.1	4.0	97.5	84.2	81.4
42	75.7	73.4	4.2	97.0	89.3	86.3
43	74.5	72.3	4.4	97.0	94.3	91.2
44	73.4	71.2	4.6	97.0	99.2	95.9
45	72.4	70.2	4.8	97.0	104.0	100.6
46	71.4	69.3	5.0	97.0	108.7	105.2
47	70.4	68.3	5.2	97.0	113.4	109.7
48	69.4	67.3	5.4	97.0	118.0	114.2
49	68.4	66.3	5.6	97.0	122.5	118.6
50	67.4	65.4	5.8	97.0	127.0	122.9
51	66.6	64.6	6.0	97.0	131.4	127.2
52	65.5	63.5	6.2	97.0	135.7	131.3
53	64.4	62.5	6.4	97.0	139.9	135.4
54	63.5	61.6	6.6	97.0	144.0	139.5
55	62.4	60.5	6.8	97.0	148.1	143.4
56	61.4	59.6	6.9	97.0	152.1	147.3
57	60.5	58.7	7.0	97.0	156.1	151.1
58	59.4	57.6	7.1	97.0	159.9	154.9
59	58.4	56.6	7.2	97.0	163.7	158.5
60	57.4	55.7	7.3	97.0	167.4	162.2
61	56.4	54.7	7.4	97.0	171.1	165.7
62	55.2	53.5	7.5	97.0	174.7	169.2
63	54.0	52.4	7.6	97.0	178.2	172.6
64	53.2	51.6	7.7	97.0	181.6	175.9
65	52.2	50.6	7.8	97.0	185.0	179.2

BREEDER PERFORMANCE

Breeder Flock Fertility, Hatchability, and Chick Weight									
Week	Hatchability (%)		Fertility (%)		Hatch of Fertile (%)		Chicks / HH		Chick Weight (g)
	Weekly	Cum.	Weekly	Cum.	Weekly	Cum.	Weekly	Cum.	
25	75.0	75.0	90.0	90.0	83.3	83.3	0.2	0.2	34.2
26	78.0	77.6	92.6	92.2	84.2	84.1	1.1	1.3	35.5
27	80.5	79.6	94.0	93.4	85.6	85.2	3.0	4.2	36.8
28	82.8	81.1	95.0	94.2	87.2	86.1	4.1	8.4	38.1
29	84.7	82.4	95.6	94.7	88.6	87.0	4.7	13.1	39.2
30	86.1	83.4	96.1	95.1	89.6	87.7	4.9	18.0	40.0
31	87.4	84.2	96.4	95.4	90.7	88.3	5.0	23.0	40.7
32	88.4	85.0	96.6	95.6	91.5	88.9	5.1	28.1	41.3
33	89.3	85.6	96.7	95.7	92.3	89.4	5.1	33.2	41.8
34	90.0	86.2	96.7	95.9	93.1	89.9	5.0	38.2	42.3
35	89.9	86.6	96.7	96.0	93.0	90.2	5.0	43.2	42.8
36	89.5	86.9	96.7	96.0	92.6	90.5	4.9	48.1	43.1
37	89.1	87.1	96.6	96.1	92.2	90.6	4.8	52.8	43.5
38	88.7	87.2	96.6	96.1	91.8	90.7	4.7	57.5	43.8
39	88.3	87.3	96.5	96.1	91.5	90.8	4.6	62.1	44.1
40	87.8	87.3	96.5	96.2	91.0	90.8	4.5	66.7	44.4
41	87.4	87.3	96.4	96.2	90.7	90.8	4.4	71.1	44.6
42	86.9	87.3	96.3	96.2	90.2	90.7	4.3	75.3	44.8
43	86.4	87.2	96.2	96.2	89.8	90.7	4.2	79.5	45.1
44	86.0	87.2	96.1	96.2	89.5	90.6	4.1	83.6	45.3
45	85.5	87.1	96.1	96.2	89.0	90.6	4.0	87.6	45.5
46	85.1	87.0	96.0	96.2	88.6	90.5	3.9	91.5	45.7
47	84.7	86.9	95.7	96.2	88.5	90.4	3.8	95.4	45.8
48	84.3	86.8	95.5	96.1	88.3	90.3	3.8	99.1	46.0
49	83.9	86.7	95.2	96.1	88.1	90.2	3.7	102.8	46.1
50	83.5	86.6	95.0	96.1	87.9	90.2	3.6	106.4	46.2
51	83.0	86.5	94.7	96.0	87.6	90.1	3.5	110.0	46.3
52	82.6	86.4	94.4	96.0	87.5	90.0	3.4	113.4	46.4
53	82.1	86.2	94.2	95.9	87.2	89.9	3.4	116.8	46.6
54	81.6	86.1	93.8	95.8	87.0	89.8	3.3	120.0	46.6
55	81.1	86.0	93.4	95.8	86.8	89.7	3.2	123.3	46.7
56	80.6	85.8	92.9	95.7	86.8	89.7	3.1	126.4	46.8
57	80.0	85.7	92.3	95.6	86.7	89.6	3.1	129.4	46.8
58	79.6	85.5	91.9	95.5	86.6	89.5	3.0	132.4	47.0
59	79.0	85.4	91.3	95.4	86.5	89.5	2.9	135.3	47.0
60	78.5	85.2	90.8	95.3	86.5	89.4	2.8	138.2	47.1
61	78.0	85.1	90.3	95.2	86.4	89.3	2.8	140.9	47.2
62	77.4	84.9	89.7	95.1	86.3	89.3	2.7	143.6	47.3
63	76.8	84.7	89.1	95.0	86.2	89.2	2.6	146.2	47.4
64	76.1	84.6	88.4	94.9	86.1	89.2	2.5	148.8	47.4
65	75.4	84.4	87.7	94.7	86.0	89.1	2.5	151.2	47.5

Egg Weight and Grading							
Week	Egg Weight (g)	Small	Double Yolk	Cull	Hairline Crack	Cracked	Floor Egg
25	51.1	10.0	6.8	2.5	4.2	1.5	20.0
26	53.0	3.0	3.4	1.0	1.0	0.3	12.5
27	54.9	1.2	1.7	0.5	0.3	0.3	6.0
28	56.8	0.4	1.3	0.5	0.3	0.2	4.5
29	58.5	0.2	0.8	0.3	0.3	0.2	<2.0
30	59.7	0.2	0.8	0.3	0.3	0.2	<2.0
31	60.7	0.1	0.4	0.3	0.5	0.5	<2.0
32	61.6	0.0	0.3	0.2	0.5	0.5	<2.0
33	62.4	0.0	0.3	0.2	0.5	0.5	<2.0
34	63.2	0.0	0.3	0.2	0.5	0.5	<2.0
35	63.9	0.0	0.2	0.2	0.5	0.6	<2.0
36	64.4	0.0	0.2	0.2	0.5	0.6	<2.0
37	64.9	0.0	0.2	0.2	0.5	0.6	<2.0
38	65.4	0.0	0.2	0.2	0.5	0.6	<2.0
39	65.8	0.0	0.0	0.5	0.5	0.5	<2.0
40	66.2	0.0	0.0	0.5	0.5	0.5	<2.0
41	66.6	0.0	0.0	0.5	0.5	0.5	<2.0
42	66.9	0.0	0.0	0.5	1.0	0.5	<2.0
43	67.3	0.0	0.0	0.5	1.0	0.5	<2.0
44	67.6	0.0	0.0	0.5	1.0	0.5	<2.0
45	67.9	0.0	0.0	0.5	1.0	0.5	<2.0
46	68.2	0.0	0.0	0.5	1.0	0.5	<2.0
47	68.4	0.0	0.0	0.5	1.0	0.5	<2.0
48	68.6	0.0	0.0	0.5	1.0	0.5	<2.0
49	68.8	0.0	0.0	0.5	1.0	0.5	<2.0
50	68.9	0.0	0.0	0.5	1.0	0.5	<2.0
51	69.1	0.0	0.0	0.5	1.0	0.5	<2.0
52	69.3	0.0	0.0	0.5	1.0	0.5	<2.0
53	69.5	0.0	0.0	0.5	1.0	0.5	<2.0
54	69.6	0.0	0.0	0.5	1.0	0.5	<2.0
55	69.7	0.0	0.0	0.5	1.0	0.5	<2.0
56	69.8	0.0	0.0	0.5	1.0	0.5	<2.0
57	69.9	0.0	0.0	0.5	1.0	0.5	<2.0
58	70.1	0.0	0.0	0.5	1.0	0.5	<2.0
59	70.2	0.0	0.0	0.5	1.0	0.5	<2.0
60	70.3	0.0	0.0	0.5	1.0	0.5	<2.0
61	70.5	0.0	0.0	0.5	1.0	0.5	<2.0
62	70.6	0.0	0.0	0.5	1.0	0.5	<2.0
63	70.7	0.0	0.0	0.5	1.0	0.5	<2.0
64	70.8	0.0	0.0	0.5	1.0	0.5	<2.0
65	70.9	0.0	0.0	0.5	1.0	0.5	<2.0

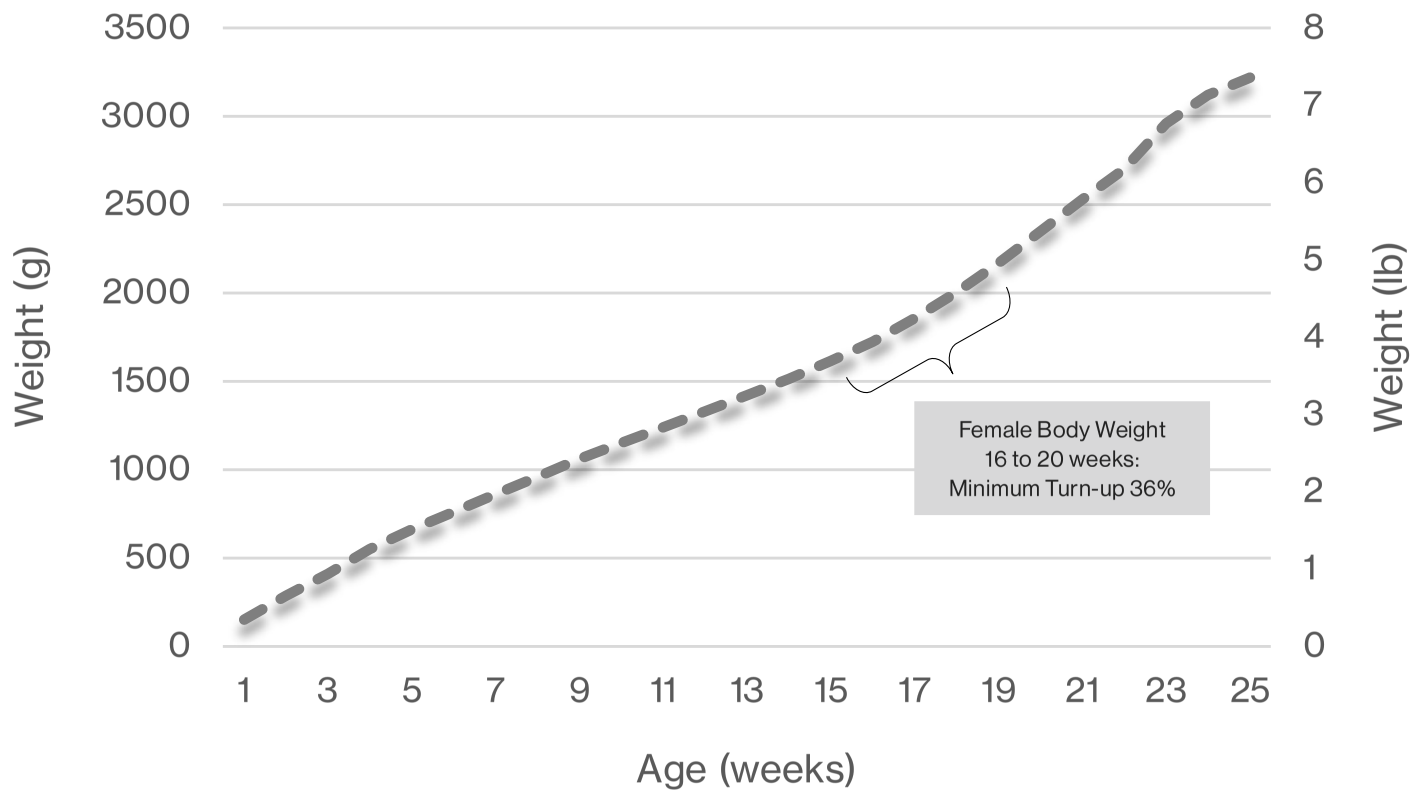
Embryodiagnosis							
Week	Fertility (%)	Hatchability (%)	Embryodiagnosis				Hatch of Fertile (%)
			Infertile	Early	Mid	Late	
25	90.0	75.0	10.0	6.9	0.5	7.6	83.3
26	92.6	78.0	7.4	6.6	0.5	7.5	84.2
27	94.0	80.5	6.0	5.8	0.5	7.2	85.6
28	95.0	82.8	5.0	5.0	0.5	6.7	87.2
29	95.6	84.7	4.4	4.6	0.5	5.8	88.6
30	96.1	86.1	3.9	4.4	0.5	5.1	89.6
31	96.4	87.4	3.6	4.0	0.5	4.5	90.7
32	96.6	88.4	3.4	3.5	0.5	4.2	91.5
33	96.7	89.3	3.3	3.3	0.5	3.6	92.3
34	96.7	90.0	3.3	2.8	0.5	3.4	93.1
35	96.7	89.9	3.3	2.9	0.5	3.4	93.0
36	96.7	89.5	3.3	3.1	0.5	3.6	92.6
37	96.6	89.1	3.4	3.3	0.5	3.7	92.2
38	96.6	88.7	3.4	3.5	0.5	3.9	91.8
39	96.5	88.3	3.5	3.6	0.5	4.1	91.5
40	96.5	87.8	3.5	3.7	0.5	4.5	91.0
41	96.4	87.4	3.6	3.8	0.5	4.7	90.7
42	96.3	86.9	3.7	4.2	0.5	4.7	90.2
43	96.2	86.4	3.8	4.5	0.5	4.8	89.8
44	96.1	86.0	3.9	4.5	0.5	5.1	89.5
45	96.1	85.5	3.9	4.8	0.5	5.3	89.0
46	96.0	85.1	4.0	4.9	0.5	5.5	88.6
47	95.7	84.7	4.3	5.0	0.5	5.5	88.5
48	95.5	84.3	4.5	5.2	0.5	5.5	88.3
49	95.2	83.9	4.8	5.3	0.5	5.5	88.1
50	95.0	83.5	5.0	5.4	0.5	5.6	87.9
51	94.7	83.0	5.3	5.4	0.5	5.8	87.6
52	94.4	82.6	5.6	5.5	0.5	5.8	87.5
53	94.2	82.1	5.8	5.6	0.5	6.0	87.2
54	93.8	81.6	6.2	5.8	0.5	5.9	87.0
55	93.4	81.1	6.6	5.8	0.5	6.0	86.8
56	92.9	80.6	7.1	5.8	0.5	6.0	86.8
57	92.3	80.0	7.7	5.8	0.5	6.0	86.7
58	91.9	79.6	8.1	5.8	0.5	6.0	86.6
59	91.3	79.0	8.7	5.8	0.5	6.0	86.5
60	90.8	78.5	9.2	5.8	0.5	6.0	86.5
61	90.3	78.0	9.7	5.8	0.5	6.0	86.4
62	89.7	77.4	10.3	5.8	0.5	6.0	86.3
63	89.1	76.8	10.9	5.8	0.5	6.0	86.2
64	88.4	76.1	11.6	5.8	0.5	6.0	86.1
65	87.7	75.4	12.3	5.8	0.5	6.0	86.0

Cobb Rearing Management Record

Company		
Rearing Farm		House Number:
Placement Date:	Female	Male
Number Placed:	Female	Male

Company		
Date Moved:		House Number
Number Transferred	Female	Male
Point-of-Lay Number:	Female	Male

Age	Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
FEMALE BW	BW Target (g)	150	285	410	550	660	760	860	960	1060	1150	1240	1330	1420	1515	1615	1725	1855	2005	2170	2350	2530	2700	2960
	BW (lb)	0.33	0.63	0.90	1.21	1.46	1.68	1.90	2.12	2.34	2.54	2.73	2.93	3.13	3.34	3.56	3.80	4.09	4.42	4.78	5.18	5.58	5.95	6.53
	BW Actual																							
	Weekly Gain																							
	Uniformity																							
FEMALE FEED	Feed Guide																							
	Feed Actual																							
	Feed Energy																							
	Feed Type																							
FEMALE MORTALITY	Female # of Birds																							
	Weekly Mortality (%)																							
	Cumulative Mortality (%)																							
MALE BW	BW Target																							
	BW Actual																							
	Uniformity																							
MALE FEED	Feed Guide																							
	Feed Actual																							
	Feed Energy																							
	Feed Type																							
MALE MORTALITY	Male # of Birds																							
	Weekly Mortality (%)																							
	Cumulative Mortality (%)																							
	Light Hours																							
	Water Consumption																							
	Temperature																							



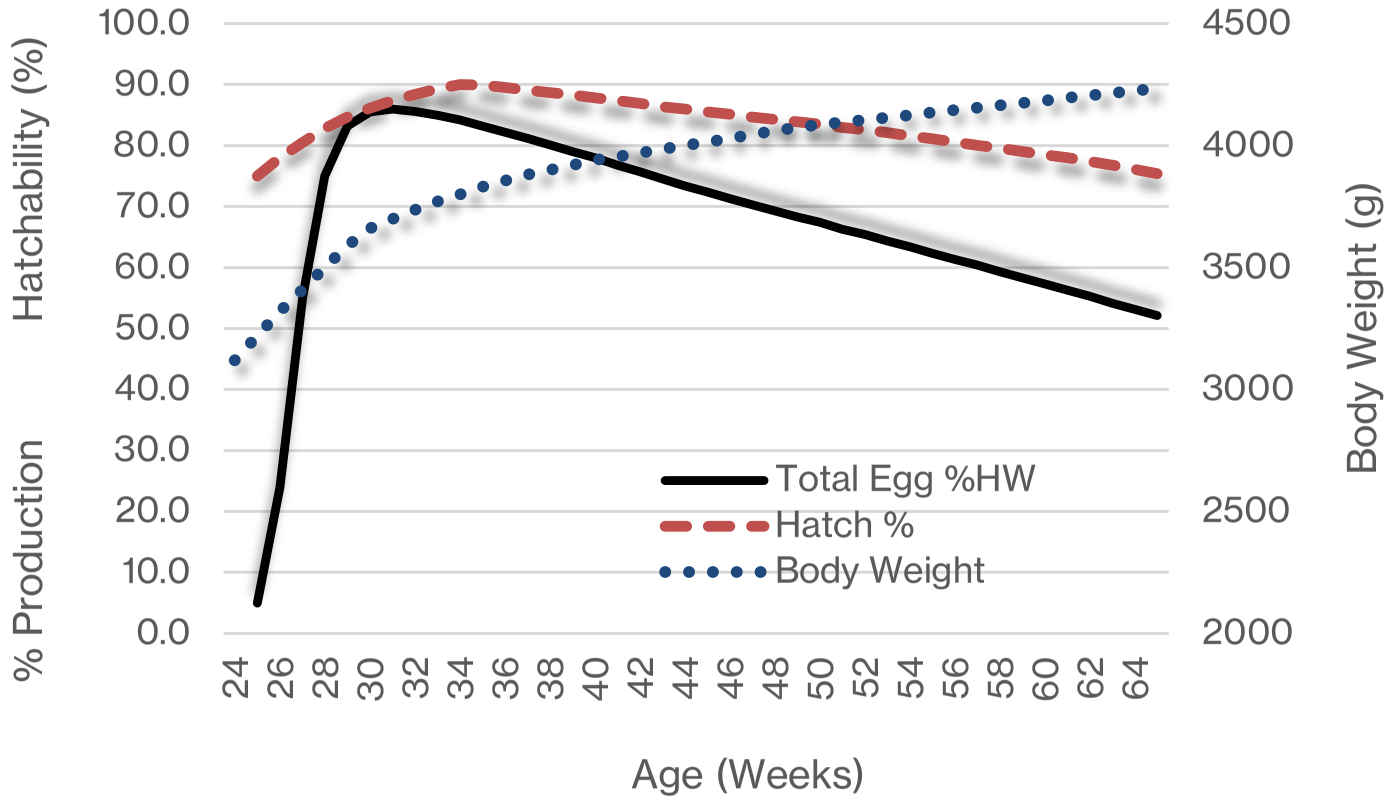
Cobb Production Management Record

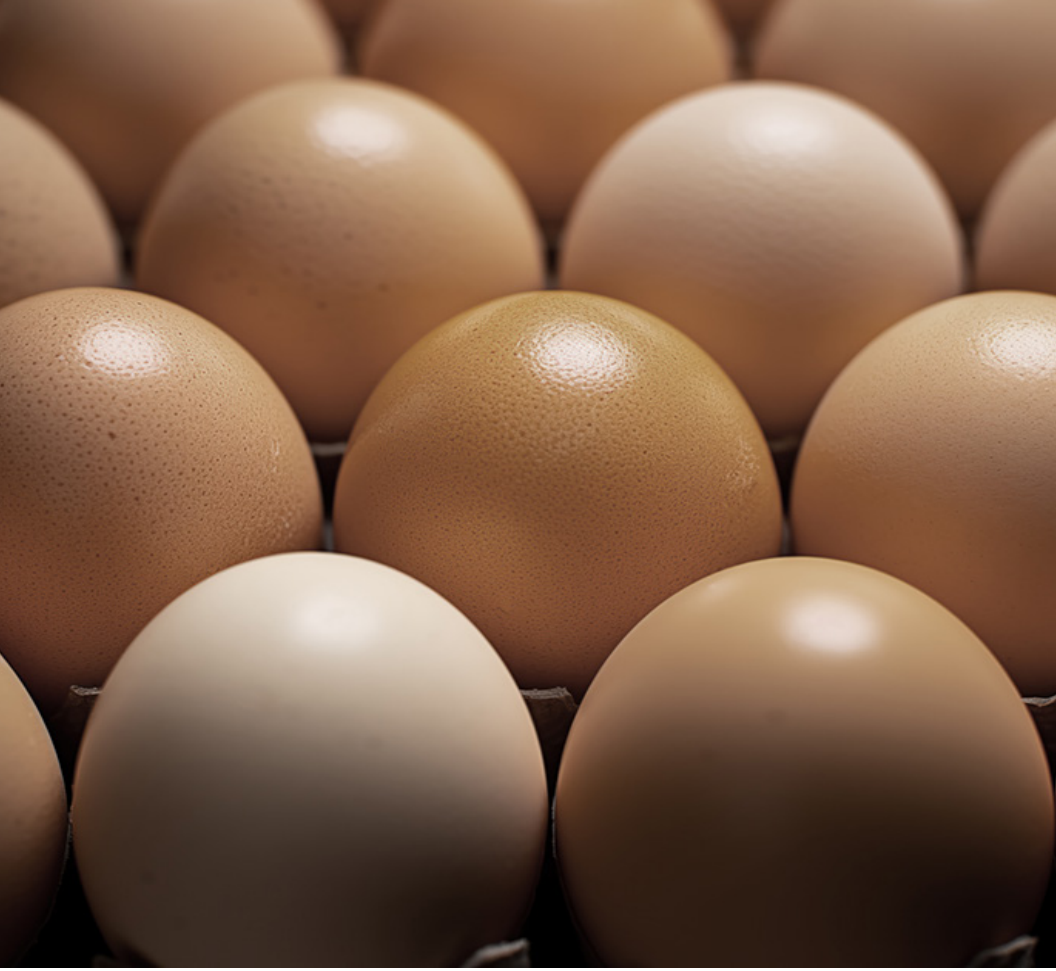
Company		
Rearing Farm		House Number:
Placement Date:	Female	Male
Number Placed:	Female	Male

Company		
Date Moved:		House Number
Number Transferred	Female	Male
Point-of-Lay Number:	Female	Male
Age at Photo Stimulation		

Age (Weeks)	Date	Female No.	Male No.	Total Eggs (% HW)	Female Feed	Female BW (g)	Female BW (lb)	Female BW actual	Male Feed	Male BW STD	Male BW Actual	Hatch %
23						2960	6.53					
24						3120	6.88					
25				5.0		3220	7.10					
26				24.0		3320	7.32					
27				55.0		3410	7.52					
28				75.0		3500	7.72					
29				83.2		3590	7.91					
30				85.5		3660	8.07					
31				86.0		3700	8.16					
32				85.6		3735	8.23					
33				85.0		3770	8.31					
34				84.2		3800	8.38					
35				83.2		3830	8.44					
36				82.2		3855	8.50					
37				81.2		3880	8.55					
38				80.1		3900	8.60					
39				79.0		3920	8.64					
40				78.0		3940	8.69					
41				76.8		3955	8.72					
42				75.7		3970	8.75					
43				74.5		3985	8.79					
44				73.4		4000	8.82					
45				72.4		4015	8.85					

Age (Weeks)	Date	Female No.	Male No.	Total Eggs (% HW)	Female Feed	Female BW (g)	Female BW (lb)	Female BW actual	Male Feed	Male BW STD	Male BW Actual	Hatch %
46				71.3		4030	8.88					
47				70.3		4045	8.92					
48				69.3		4060	8.95					
49				68.3		4075	8.98					
50				67.4		4085	9.01					
51				66.3		4095	9.03					
52				65.4		4105	9.05					
53				64.3		4115	9.07					
54				63.4		4125	9.09					
55				62.3		4135	9.12					
56				61.3		4145	9.14					
57				60.4		4155	9.16					
58				59.3		4165	9.18					
59				58.3		4175	9.20					
60				57.3		4185	9.23					
61				56.3		4195	9.25					
62				55.3		4205	9.27					
63				54.1		4215	9.29					
64				53.1		4225	9.31					
65				52.1		4235	9.34					





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