



Let Me Show You Facts about Layer Farming



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We are not just answering the question "is layer farming profitable?" NO. I want to show you how profitable it can be. The ups, the downs and everything in between. Contact us on WhatsApp for sales and consultancy.

DIY AGRIC POULTRY FEED CALCULATOR

Input	Value
THE NUMBER OF DAY OLD CHICKS (LAYERS)	1000
OR	
THE NUMBER OF POINT OF CAGE BIRDS	1000
OR	
THE NUMBER OF POINT OF LAY BIRDS	1000
OR	
THE NUMBER OF BROILER CHICKS	1000

Let us calculate the cost of raising 1000-layer birds started at the point of chicks or point of lay, above is our feed calculator.

DIY AGRIC POULTRY FEED CALCULATOR

.xlsx

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DIY AGRIC POULTRY FEED CALCULATOR

PRICE OF LAYERS MASH 7200

	Age of birds in weeks	No of Birds	Mortality	Actual No of Birds	Daily Consumption per bird (g)	Weekly Consumption per bird (Kg)	Weekly Consumption of Stock in (Kg)	Total No of Bags / week	Average Cost of Feed / Bag (N)	Cost of Feed of Stock / Week (N)	Total Cost of feed / Month (N)	Monthly Cumulative Feed Cost
Month 1	Week 1	150		1,000	10	0.07	70	2.80	9,000	25,200		
	Week 2	150		1,000	17	0.12	119	4.76	9,000	42,840		
	Week 3	150		1,000	25	0.18	175	7.00	9,000	63,000		
Month 2	Week 4	150		1,000	30	0.21	210	8.40	9,000	75,600	206,640	
	Week 5	150		1,000	35	0.25	245	9.80	9,000	88,200		
	Week 6	150		1,000	40	0.28	280	11.20	9,000	100,800		
Month 3	Week 7	150		1,000	45	0.32	315	12.60	9,000	113,400		
	Week 8	150		1,000	48	0.34	336	13.44	6,800	91,392	393,792	600,432
	Week 9	150		1,000	53	0.37	371	14.84	6,800	100,912		
Month 4	Week 10	150		1,000	58	0.41	406	16.24	6,800	110,432		
	Week 11	150		1,000	60	0.42	420	16.80	6,800	114,240		
	Week 12	150	5.00%	950	65	0.46	432	17.28	6,800	117,572	443,156	1,043,588
Month 5	Week 13	150		950	70	0.49	466	18.62	6,800	126,618		
	Week 14	150		950	75	0.53	499	19.95	6,800	135,660		

POINT OF CAGE POINT OF LAY BROILERS

DIY AGRIC POULTRY FEED CALCULATOR

File Edit View Insert Format Data Tools Help Last edit was 1 hour ago

100% \$ % 0.00 123 Default (Ca... 11 B I G A

030:Q30

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
35			Week 27	150		938	115	0.81	755	30.22	7,200	217,572						
36		Month 7	Week 28	150	0.36%	935	115	0.81	753	30.11	7,200	216,788	869,504	4,025,823				
37			Week 29	150		935	115	0.81	753	30.11	7,200	216,788						
38			Week 30	150		935	115	0.81	753	30.11	7,200	216,788						
39			Week 31	150		935	115	0.81	753	30.11	7,200	216,788						
40		Month 8	Week 32	150	0.36%	932	115	0.81	750	30.00	7,200	216,008	866,374	4,892,197				
41			Week 33	150		932	115	0.81	750	30.00	7,200	216,008						
42			Week 34	150		932	115	0.81	750	30.00	7,200	216,008						
43			Week 35	150		932	115	0.81	750	30.00	7,200	216,008						
44		Month 9	Week 36	150	0.36%	928	115	0.81	747	29.89	7,200	215,230	863,255	5,755,451				
45			Week 37	150		928	115	0.81	747	29.89	7,200	215,230						
46			Week 38	150		928	115	0.81	747	29.89	7,200	215,230						
47			Week 39	150		928	115	0.81	747	29.89	7,200	215,230						
48		Month	Week 40	150	0.36%	925	115	0.81	745	29.79	7,200	214,456	860,147	6,615,598				
49			Week 41	150		925	115	0.81	745	29.79	7,200	214,456						
50			Week 42	150		925	115	0.81	745	29.79	7,200	214,456						
51			Week 43	150		925	115	0.81	745	29.79	7,200	214,456						
52		Month	Week 44	150	0.36%	922	115	0.81	742	29.68	7,200	213,684	857,050	7,472,649				
53			Week 45	150		922	115	0.81	742	29.68	7,200	213,684						
54						922	115	0.81	742	29.68	7,200	213,684						
55						922	115	0.81	742	29.68	7,200	213,684						

POINT OF CAGE POINT OF LAY BROILERS

Sum: 2,720,390

DIY AGRIC POULTRY FEED CALCULATOR

File Edit View Insert Format Data Tools Help Last edit was 1 hour ago

100% \$ % 0.00 123 Default (Ca... 11 B I G A

030:Q30

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
48		Month 9	Week 36	150	0.36%	928	115	0.81	747	29.89	7,200	215,230	863,255	5,755,451				
49			Week 37	150		928	115	0.81	747	29.89	7,200	215,230						
50			Week 38	150		928	115	0.81	747	29.89	7,200	215,230						
51			Week 39	150		928	115	0.81	747	29.89	7,200	215,230						
52		Month	Week 40	150	0.36%	925	115	0.81	745	29.79	7,200	214,456	860,147	6,615,598				
53			Week 41	150		925	115	0.81	745	29.79	7,200	214,456						
54			Week 42	150		925	115	0.81	745	29.79	7,200	214,456						
55			Week 43	150		925	115	0.81	745	29.79	7,200	214,456						
56		Month	Week 44	150	0.36%	922	115	0.81	742	29.68	7,200	213,684	857,050	7,472,649				
57			Week 45	150		922	115	0.81	742	29.68	7,200	213,684						
58			Week 46	150		922	115	0.81	742	29.68	7,200	213,684						
59			Week 47	150		922	115	0.81	742	29.68	7,200	213,684						
60		Month	Week 48	150	0.36%	918	115	0.81	739	29.57	7,200	212,914	853,965	8,326,614				
61			Week 49	150		918	115	0.81	739	29.57	7,200	212,914						
62			Week 50	150		918	115	0.81	739	29.57	7,200	212,914						
63			Week 51	150		918	115	0.81	739	29.57	7,200	212,914						
64		Month	Week 52	150	0.36%	915	115	0.81	737	29.46	7,200	212,148	850,891	9,177,504				
65			Week 53	150		915	115	0.81	737	29.46	7,200	212,148						
66			Week 54	150		915	115	0.81	737	29.46	7,200	212,148						
67			Week 55	150		915	115	0.81	737	29.46	7,200	212,148						
68		Month	Week 56	150	0.36%	912	115	0.81	734	29.36	7,200	211,384	847,827	10,025,332				
69			Week 57	150		912	115	0.81	734	29.36	7,200	211,384						
70			Week 58	150		912	115	0.81	734	29.36	7,200	211,384						
71			Week 59	150		912	115	0.81	734	29.36	7,200	211,384						
72		Month	Week 60	150	0.36%	908	115	0.81	731	29.25	7,200	210,623	844,775	10,870,102				
73			Week 61	150		908	115	0.81	731	29.25	7,200	210,623						
74			Week 62	150		908	115	0.81	731	29.25	7,200	210,623						
75			Week 63	150		908	115	0.81	731	29.25	7,200	210,623						
76		Month	Week 64	150	0.36%	905	115	0.81	729	29.15	7,200	209,865	841,734	11,711,843				
77			Week 65	150		905	115	0.81	729	29.15	7,200	209,865						
78			Week 66	150		905	115	0.81	729	29.15	7,200	209,865						
79						905	115	0.81	729	29.15	7,200	209,865						
80						902	115	0.81	726	29.04	7,200	209,109	838,704	12,550,545				

POINT OF CAGE POINT OF LAY BROILERS

Sum: 2,720,390

DIY AGRIC POULTRY FEED CALCULATOR

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
55		Month	Week 48	150	0.36%	918	115	0.81	739	29.57	7,200	212,914	853,965	8,326,614				
56			Week 49	150		918	115	0.81	739	29.57	7,200	212,914						
57			Week 50	150		918	115	0.81	739	29.57	7,200	212,914						
58			Week 51	150		918	115	0.81	739	29.57	7,200	212,914						
59		Month	Week 52	150	0.36%	915	115	0.81	737	29.46	7,200	212,148	850,891	9,177,504				
60			Week 53	150		915	115	0.81	737	29.46	7,200	212,148						
61			Week 54	150		915	115	0.81	737	29.46	7,200	212,148						
62			Week 55	150		915	115	0.81	737	29.46	7,200	212,148						
63		Month	Week 56	150	0.36%	912	115	0.81	734	29.36	7,200	211,384	847,827	10,025,332				
64			Week 57	150		912	115	0.81	734	29.36	7,200	211,384						
65			Week 58	150		912	115	0.81	734	29.36	7,200	211,384						
66			Week 59	150		912	115	0.81	734	29.36	7,200	211,384						
67		Month	Week 60	150	0.36%	908	115	0.81	731	29.25	7,200	210,623	844,775	10,870,102				
68			Week 61	150		908	115	0.81	731	29.25	7,200	210,623						
69			Week 62	150		908	115	0.81	731	29.25	7,200	210,623						
70			Week 63	150		908	115	0.81	731	29.25	7,200	210,623						
71		Month	Week 64	150	0.36%	905	115	0.81	729	29.15	7,200	209,865	841,734	11,711,843				
72			Week 65	150		905	115	0.81	729	29.15	7,200	209,865						
73			Week 66	150		905	115	0.81	729	29.15	7,200	209,865						
74						905	115	0.81	729	29.15	7,200	209,865						
75						902	115	0.81	726	29.04	7,200	209,109	838,704	12,550,545				

POINT OF CAGE POINT OF LAY BROILERS

Sum: 2,720,390

DIY AGRIC POULTRY FEED CALCULATOR															
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
67		Week 59	150		912	115	0.81	734	29.36	7,200	211,384				
68	Month	Week 60	150	0.36%	908	115	0.81	731	29.25	7,200	210,623	844,775	10,870,107		
69		Week 61	150		908	115	0.81	731	29.25	7,200	210,623				
70		Week 62	150		908	115	0.81	731	29.25	7,200	210,623				
71		Week 63	150		908	115	0.81	731	29.25	7,200	210,623				
72	Month	Week 64	150	0.36%	905	115	0.81	729	29.15	7,200	209,865	841,734	11,711,841		
73		Week 65	150		905	115	0.81	729	29.15	7,200	209,865				
74		Week 66	150		905	115	0.81	729	29.15	7,200	209,865				
75		Week 67	150		905	115	0.81	729	29.15	7,200	209,865				
76	Month	Week 68	150	0.36%	902	115	0.81	726	29.04	7,200	209,109	838,704	12,550,545		
77		Week 69	150		902	115	0.81	726	29.04	7,200	209,109				
78		Week 70	150		902	115	0.81	726	29.04	7,200	209,109				
79		Week 71	150		902	115	0.81	726	29.04	7,200	209,109				
80	Month	Week 72	150	0.36%	899	115	0.81	723	28.94	7,200	208,357	835,685	13,386,225		
81		Week 73	150		899	115	0.81	723	28.94	7,200	208,357				
82		Week 74	150		899	115	0.81	723	28.94	7,200	208,357				
83		Week 75	150		899	115	0.81	723	28.94	7,200	208,357				
84	Month	Week 76	150	0.36%	895	115	0.81	721	28.83	7,200	207,606	832,676	14,218,905		
85					TOTAL				1,591.07		14,218,905				

DIY AGRIC POULTRY		
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A	B	C
1	INPUT THE AVERAGE	
2		
3		
4	PRICE OF CHICKS MA	
5	PRICE OF GROWERS MA	
6	PRICE OF LAYERS MA	
7		
8		Age of birds in weeks
9		Week 1
10		Week 2
11		Week 3
12	Month 1	Week 4
13		Week 5
14		Week 6
15		Week 7
16	Month 2	Week 8
17		Week 9

TURNOVER

Usually, layers start laying anytime from around 17-18 weeks and they can attain their peak of about 90-95% production within 2 months after starting. Their hen day production also begins to decline after about 7 months into laying. Most hens are sold when production declines to about 55% or lesser which is usually after 17 months. So, for the sake of this one-year cost analysis, we are using an average of 80% production. Here's also why:

The ISA Brown chicken lays up to 6 eggs per week and over 300 eggs per year, so our 80% is a conservative percentage @ 292 eggs per hen in the first year.

Expected Number of Eggs from 10,000 birds

Referring to the excel sheet that shows the number of mortalities, I am calculating the number of eggs based on the average number of hens.

i.e. $(9,453 + 9,020)/2 = 9,236$ hens

If average production through the year is 80% of 9,236, then we have:

- 7,388 eggs per day (@ 80% lay)
- 2,696,620 eggs per year
- 89,887.3 crates of eggs in a year.

= N166,291,567

Egg per hen/ week	Egg/ hen / year	Egg/hen house/ day	Egg/hen house/ year	Total egg crates/ year	Price/ crate	Total Revenue	Spent layers (8,955pcs) @ 2,800 after production
6	292	7,388	2,696,620	89,887.3	N1850	N166,291,567	N25,074,000

DIY AGRIC POULTRY FEED CALCULATOR															
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7															
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Let us focus on the day-old chicks calculation for now

DIY AGRIC POULTRY FEED CALCULATOR .XLSX

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O30:Q30

INPUT THE AVERAGE PRICES OF THE FEED IN YOUR AREA BELOW;

PRICE OF CHICKS MASH 9000
PRICE OF GROWERS MASH 6800
PRICE OF LAYERS MASH 7200

	Age of birds in weeks	No of Birds	Mortality	Actula No of Birds	Daily Consump tion per bird (g)	Weekly Cons. Per bird (Kg.)	Weekly Consump tion of Stock in (Kg)	Total No of Bags / week	Average Cost of Feed / Bag (N)	Cost of Feed of Stock / Week (N)	Total Cost of Feed/ Month (N)	Monthly Cumulative Feed Cost
	Week 1	150		1,000	10	0.07	70	2.80	9,000	25,200		
	Week 2	150		1,000	17	0.12	119	4.76	9,000	42,840		
	Week 3	150		1,000	25	0.18	175	7.00	9,000	63,000		
Month 1	Week 4	150		1,000	30	0.21	210	8.40	9,000	75,600	206,640	
	Week 5	150		1,000	35	0.25	245	9.80	9,000	88,200		
	Week 6	150		1,000	40	0.28	280	11.20	9,000	100,800		
	Week 7	150		1,000	45	0.32	315	12.60	9,000	113,400		
Month 2	Week 8	150		1,000	48	0.34	336	13.44	6,800	91,392	393,792	600,432
	Week 9	150		1,000	53	0.37	371	14.84	6,800	100,912		
	Week 10	150		1,000	58	0.41	406	16.24	6,800	110,432		

POINT OF CAGE POINT OF LAY BROILERS

Sum: 2,720,390

Chicks Mash feed costs N9,000/bag (some people like to use **Broiler starter** at N10,200/bag for the first 2 weeks before moving to the chicks mash for the next 5 weeks). At 7 weeks, we need to move them over to the **Growers Mash** feed. You can also decide to make your own Growers Mash and Layers Mash using our Poultry Feed Formulation Masterclass learnings.

DIY AGRIC POULTRY FEED CALCULATOR .XLSX

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E10

PRICE OF LAYERS MASH 7300

	Age of birds in weeks	No of Birds	Mortality	Actula No of Birds	Daily Consump tion per bird (g)	Weekly Cons. Per bird (Kg.)	Weekly Consump tion of Stock in (Kg)	Total No of Bags / week	Average Cost of Feed / Bag (N)	Cost of Feed of Stock / Week (N)	Total Cost of Feed/ Month (N)	Monthly Cumulative Feed Cost
	Week 1	1,000		1,000	10	0.07	70	2.80	9,000	25,200		
	Week 2	1,000		1,000	17	0.12	119	4.76	9,000	42,840		
	Week 3	1,000		1,000	25	0.18	175	7.00	9,000	63,000		
Month 1	Week 4	1,000		1,000	30	0.21	210	8.40	9,000	75,600	206,640	
	Week 5	1,000		1,000	35	0.25	245	9.80	9,000	88,200		
	Week 6	1,000		1,000	40	0.28	280	11.20	9,000	100,800		
	Week 7	1,000		1,000	45	0.32	315	12.60	9,000	113,400		
Month 2	Week 8	1,000		1,000	48	0.34	336	13.44	6,800	91,392	393,792	600,432
	Week 9	1,000		1,000	53	0.37	371	14.84	6,800	100,912		
	Week 10	1,000		1,000	58	0.41	406	16.24	6,800	110,432		
	Week 11	1,000		1,000	60	0.42	420	16.80	6,800	114,240		
Month 3	Week 12	1,000	5.00%	950	65	0.46	432	17.29	6,800	117,572	443,156	1,043,588
	Week 13	1,000		950	70	0.49	466	18.62	6,800	126,616		
	Week 14	1,000		950	75	0.53	499	19.95	6,800	135,660		

POINT OF CAGE POINT OF LAY BROILERS

Explore

DIY AGRIC POULTRY FEED CALCULATOR .XLSX

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	Age of birds in weeks	No of Birds	Mortality	Actula No of Birds	Daily Consump tion per bird (g)	Weekly Cons. Per bird (Kg.)	Weekly Consump tion of Stock in (Kg)	Total No of Bags / week	Average Cost of Feed / Bag (N)	Cost of Feed of Stock / Week (N)	Total Cost of Feed/ Month (N)	Monthly Cumulative Feed Cost
	Week 2	1,000		1,000	17	0.12	119	4.76	9,000	42,840		
	Week 3	1,000		1,000	25	0.18	175	7.00	9,000	63,000		
Month 1	Week 4	1,000		1,000	30	0.21	210	8.40	9,000	75,600	206,640	
	Week 5	1,000		1,000	35	0.25	245	9.80	9,000	88,200		
	Week 6	1,000		1,000	40	0.28	280	11.20	9,000	100,800		
	Week 7	1,000		1,000	45	0.32	315	12.60	9,000	113,400		
Month 2	Week 8	1,000		1,000	48	0.34	336	13.44	6,800	91,392	393,792	600,432
	Week 9	1,000		1,000	53	0.37	371	14.84	6,800	100,912		
	Week 10	1,000		1,000	58	0.41	406	16.24	6,800	110,432		
	Week 11	1,000		1,000	60	0.42	420	16.80	6,800	114,240		
Month 3	Week 12	1,000	5.00%	950	65	0.46	432	17.29	6,800	117,572	443,156	1,043,588
	Week 13	1,000		950	70	0.49	466	18.62	6,800	126,616		
	Week 14	1,000		950	75	0.53	499	19.95	6,800	135,660		
	Week 15	1,000		950	80	0.56	532	21.28	6,800	144,704		
Month 4	Week 16	1,000	0.50%	945	85	0.60	562	22.50	6,800	152,979	559,959	1,603,547
	Week 17	1,000		945	90	0.63	596	23.82	6,800	161,978		
	Week 18	1,000		945	95	0.67	629	25.14	6,800	170,977		
	Week 19	1,000		945	100	0.70	662	26.47	6,800	179,976		
Month 5	Week 20	1,000	0.36%	942	105	0.74	692	27.69	6,800	188,294	701,225	2,304,772
	Week 21	1,000		942	110	0.77	725	29.01	6,800	197,260		
	Week 22	1,000		942	115	0.81	758	30.33	7,300	221,391		

POINT OF CAGE POINT OF LAY BROILERS

Sum: 7000

2,723,423 POINT OF LAY

It is more cost effective to you buy day-old chicks and raise them to the point-of-lay, you would have spent N1,603,547 (plus cost of running the farm and medication) in feed cost to get them to the point-of-lay at 12-15 weeks and at 16 weeks point-of-lay, each bird should be weighing in at 1.5Kg. But to buy them at point-of-lay at 15 weeks would have cost you N2,551,500 at N2,700 each and at this 16 weeks bought, each bird might be underweighted at 1kg - 1.2kg.

DIY AGRIC POULTRY FEED CALCULATOR .XLSX

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
17			Week 9	1,000		1,000	53	0.37	371	14.84	6,800	100,912						
18			Week 10	1,000		1,000	58	0.41	406	16.24	6,800	110,432						
19			Week 11	1,000		1,000	60	0.42	420	16.80	6,800	114,240						
20			Month 3	Week 12	1,000	5.00%	950	0.46	432	17.29	6,800	117,572	443,156	1,043,588				
21			Week 13	1,000		950	70	0.49	466	18.62	6,800	126,616						
22			Week 14	1,000		950	75	0.53	499	19.95	6,800	135,660						
23			Week 15	1,000		950	80	0.56	532	21.28	6,800	144,704						
24			Month 4	Week 16	1,000	0.50%	945	0.60	562	22.50	6,800	152,979	559,959	1,603,547		2,551,500	@2700	
25			Week 17	1,000		945	90	0.63	596	23.82	6,800	161,978						
26			Week 18	1,000		945	95	0.67	629	25.14	6,800	170,977						
27			Week 19	1,000		945	100	0.70	662	26.47	6,800	179,976						
28			Month 5	Week 20	1,000	0.36%	942	0.74	692	27.69	6,800	188,294	701,225	2,304,772				
29			Week 21	1,000		942	110	0.77	725	29.01	6,800	197,260						
30			Week 22	1,000		942	115	0.81	758	30.33	7,300	221,391						
31			Week 23	1,000		942	115	0.81	758	30.33	7,300	221,391						
32			Month 6	Week 24	1,000	0.36%	938	0.81	755	30.22	7,300	220,594	860,635	3,165,407				
33			Week 25	1,000		938	115	0.81	755	30.22	7,300	220,594						
34			Week 26	1,000		938	115	0.81	755	30.22	7,300	220,594						
35			Week 27	1,000		938	115	0.81	755	30.22	7,300	220,594						
36			Month 7	Week 28	1,000	0.36%	935	0.81	753	30.11	7,300	219,799	881,580	4,046,987				
			Week 29	1,000		935	115	0.81	753	30.11	7,300	219,799						

POINT OF CAGE POINT OF LAY BROILERS

At 22 weeks, a farm of 2,000 Layers already started getting about 8 crates of eggs/day. **Note:** this is still not enough to pay for the feeds yet because 1000 birds at 22 weeks should be eating about 4-5 bags of feed/day.

DIY AGRIC POULTRY FEED CALCULATOR .XLSX

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
6			Age of birds in weeks	No of Birds	Mortality	Actual No of Birds	Daily Consumption per bird (g)	Weekly Cons. Per bird (Kg)	Weekly Consumption of Stock in (Kg)	Total No of Bags / week	Average Cost of Feed / Bag (N)	Cost of Feed of Stock / Week (N)	Total Cost of Feed / Month (N)	Monthly Cumulative Feed Cost					
7			Week 12	1,000		1,000	65	0.46	455	18.20	6,900	125,580							
8			Week 13	1,000		1,000	70	0.49	490	19.60	6,900	135,240							
9			Week 14	1,000		1,000	75	0.53	525	21.00	6,900	144,900							
10			Month 1	Week 15	1,000		1,000	80	0.56	560	22.40	6,900	154,560	560,280	560,280				
11			Week 16	1,000	0.50%	995	85	0.60	592	23.68	6,900	163,399							
12			Week 17	1,000		995	90	0.63	627	25.07	6,900	173,011							
13			Week 18	1,000		995	95	0.67	662	26.47	6,900	182,622							
14			Month 2	Week 19	1,000		995	100	0.70	697	27.86	6,900	192,234	711,266	1,271,546				
15			Week 20	1,000	0.36%	991	105	0.74	729	29.15	6,900	201,119							
16			Week 21	1,000		991	110	0.77	763	30.54	6,900	210,696							
17			Week 22	1,000		991	115	0.81	798	31.92	7,300	233,043							
18			Month 3	Week 23	1,000		991	115	0.81	798	31.92	7,300	233,043	877,901	2,149,446				
19			Week 24	1,000	0.36%	988	115	0.81	795	31.81	7,300	232,204							
20			Week 25	1,000		988	115	0.81	795	31.81	7,300	232,204							
21			Week 26	1,000		988	115	0.81	795	31.81	7,300	232,204							
22			Month 4	Week 27	1,000		988	115	0.81	795	31.81	7,300	232,204	928,815	3,078,261				
			Week 28	1,000	0.36%	984	115	0.81	792	31.69	7,300	231,368							

POINT OF CAGE POINT OF LAY BROILERS

DIY AGRIC POULTRY FEED CALCULATOR XLSX ☆ 📄 🔗

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53			Week 45	1,000		922	115	0.81	742	29.68	7,300	216,651						
54			Week 46	1,000		922	115	0.81	742	29.68	7,300	216,651						
55			Week 47	1,000		922	115	0.81	742	29.68	7,300	216,651						
56		Month	Week 48	1,000	0.36%	918	115	0.81	739	29.57	7,300	215,871	865,826	8,407,510				
57			Week 49	1,000		918	115	0.81	739	29.57	7,300	215,871						
58			Week 50	1,000		918	115	0.81	739	29.57	7,300	215,871						
59			Week 51	1,000		918	115	0.81	739	29.57	7,300	215,871						
60		Month	Week 52	1,000	0.36%	915	115	0.81	737	29.46	7,300	215,094	862,709	9,270,219				
61			Week 53	1,000		915	115	0.81	737	29.46	7,300	215,094						
62			Week 54	1,000		915	115	0.81	737	29.46	7,300	215,094						
63			Week 55	1,000		915	115	0.81	737	29.46	7,300	215,094						
64		Month	Week 56	1,000	0.36%	912	115	0.81	734	29.36	7,300	214,320	859,603	10,129,822				
65			Week 57	1,000		912	115	0.81	734	29.36	7,300	214,320						
66			Week 58	1,000		912	115	0.81	734	29.36	7,300	214,320						
67			Week 59	1,000		912	115	0.81	734	29.36	7,300	214,320						
68		Month	Week 60	1,000	0.36%	908	115	0.81	731	29.25	7,300	213,548	856,508	10,986,330				
69			Week 61	1,000		908	115	0.81	731	29.25	7,300	213,548						
70			Week 62	1,000		908	115	0.81	731	29.25	7,300	213,548						
71			Week 63	1,000		908	115	0.81	731	29.25	7,300	213,548						
				0.36%	905	115	0.81	729	29.15	7,300	212,780	853,425	11,839,755					
					905	115	0.81	729	29.15	7,300	212,780							

POINT OF CAGE POINT OF LAY BROILERS

Explore

DIY AGRIC POULTRY FEED CALCULATOR XLSX ☆ 📄 🔗

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65			Week 57	1,000		912	115	0.81	734	29.36	7,300	214,320						
66			Week 58	1,000		912	115	0.81	734	29.36	7,300	214,320						
67			Week 59	1,000		912	115	0.81	734	29.36	7,300	214,320						
68		Month	Week 60	1,000	0.36%	908	115	0.81	731	29.25	7,300	213,548	856,508	10,986,330				
69			Week 61	1,000		908	115	0.81	731	29.25	7,300	213,548						
70			Week 62	1,000		908	115	0.81	731	29.25	7,300	213,548						
71			Week 63	1,000		908	115	0.81	731	29.25	7,300	213,548						
72		Month	Week 64	1,000	0.36%	905	115	0.81	729	29.15	7,300	212,780	853,425	11,839,755				
73			Week 65	1,000		905	115	0.81	729	29.15	7,300	212,780						
74			Week 66	1,000		905	115	0.81	729	29.15	7,300	212,780						
75			Week 67	1,000		905	115	0.81	729	29.15	7,300	212,780						
76		Month	Week 68	1,000	0.36%	902	115	0.81	726	29.04	7,300	212,014	850,353	12,690,107				
77			Week 69	1,000		902	115	0.81	726	29.04	7,300	212,014						
78			Week 70	1,000		902	115	0.81	726	29.04	7,300	212,014						
79			Week 71	1,000		902	115	0.81	726	29.04	7,300	212,014						
80		Month	Week 72	1,000	0.36%	899	115	0.81	723	28.94	7,300	211,250	847,291	13,537,399				
81			Week 73	1,000		899	115	0.81	723	28.94	7,300	211,250						
82			Week 74	1,000		899	115	0.81	723	28.94	7,300	211,250						
83			Week 75	1,000		899	115	0.81	723	28.94	7,300	211,250						
				0.36%	895	115	0.81	721	28.83	7,300	210,490	844,241	14,381,640					
			TOTAL							1,591.07		14,381,640						

POINT OF CAGE POINT OF LAY BROILERS

Explore

DIY AGRIC POULTRY FEED CALCULATOR XLSX ☆ 📄 🔗

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100% 123 Calibri 10 B I G A

K17 =E3

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
12			Week 17	1,000		995	90	0.63	627	25.07	6,900	173,011							
13			Week 18	1,000		995	95	0.67	662	26.47	6,900	182,622							
14		Month 2	Week 19	1,000		995	100	0.70	697	27.86	6,900	192,234	711,266	1,271,546					
15			Week 20	1,000	0.36%	991	105	0.74	729	29.15	6,900	201,119							
16			Week 21	1,000		991	110	0.77	763	30.54	6,900	210,696							
17			Week 22	1,000		991	115	0.81	798	31.92	7,300	233,043							
18		Month 3	Week 23	1,000		991	115	0.81	798	31.92	7,300	233,043	877,901	2,149,446					
19			Week 24	1,000	0.36%	988	115	0.81	795	31.81	7,300	232,204							
20			Week 25	1,000		988	115	0.81	795	31.81	7,300	232,204							
21			Week 26	1,000		988	115	0.81	795	31.81	7,300	232,204							
22		Month 4	Week 27	1,000		988	115	0.81	795	31.81	7,300	232,204	928,815	3,078,261					
23			Week 28	1,000	0.36%	984	115	0.81	792	31.69	7,300	231,368							
24			Week 29	1,000		984	115	0.81	792	31.69	7,300	231,368							
25			Week 30	1,000		984	115	0.81	792	31.69	7,300	231,368							
26		Month 5	Week 31	1,000		984	115	0.81	792	31.69	7,300	231,368	925,471	4,003,733					
27			Week 32	1,000	0.36%	981	115	0.81	790	31.58	7,300	230,535							
28			Week 33	1,000		981	115	0.81	790	31.58	7,300	230,535							
29			Week 34	1,000		981	115	0.81	790	31.58	7,300	230,535							
30		Month 6	Week 35	1,000		981	115	0.81	790	31.58	7,300	230,535	922,140	4,925,872					
31			Week 36	1,000	0.36%	977	115	0.81	787	31.47	7,300	229,705							
						977	115	0.81	787	31.47	7,300	229,705							

POINT OF CAGE POINT OF LAY BROILERS

Explore

DIY AGRIC POULTRY FEED CALCULATOR XLSX ☆ 📄 🔗

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100% \$ % 0.00 123 Calibri 10 B I G A

K17

	A	B	C	D	E	F	G	H	I	J	K	L	M	N						
54		Month	Week 59	1,000		960	115	0.81	773	30.90	7,300	225,600	902,400	10,389,413						
55			Week 60	1,000	0.36%	956	115	0.81	770	30.79	7,300	224,788								
56			Week 61	1,000		956	115	0.81	770	30.79	7,300	224,788								
57			Week 62	1,000		956	115	0.81	770	30.79	7,300	224,788								
58		Month	Week 63	1,000		956	115	0.81	770	30.79	7,300	224,788	899,151	11,288,564						
59			Week 64	1,000	0.36%	953	115	0.81	767	30.68	7,300	223,979								
60			Week 65	1,000		953	115	0.81	767	30.68	7,300	223,979								
61			Week 66	1,000		953	115	0.81	767	30.68	7,300	223,979								
62		Month	Week 67	1,000		953	115	0.81	767	30.68	7,300	223,979	895,914	12,184,479						
63			Week 68	1,000	0.36%	949	115	0.81	764	30.57	7,300	223,172								
64			Week 69	1,000		949	115	0.81	764	30.57	7,300	223,172								
65			Week 70	1,000		949	115	0.81	764	30.57	7,300	223,172								
66		Month	Week 71	1,000		949	115	0.81	764	30.57	7,300	223,172	892,689	13,077,163						
67			Week 72	1,000	0.36%	946	115	0.81	762	30.46	7,300	222,369								
68			Week 73	1,000		946	115	0.81	762	30.46	7,300	222,369								
69			Week 74	1,000		946	115	0.81	762	30.46	7,300	222,369								
70		Month	Week 75	1,000		946	115	0.81	762	30.46	7,300	222,369								
71			Week 76	1,000	0.36%	943	115	0.81	759	30.35	7,300	221,568	1,111,041	14,188,211						
72			TOTAL								1,956.96		14,188,211							

POINT OF CAGE POINT OF LAY BROILERS

Explore

DIY AGRIC POULTRY FEED CALCULATOR XLSX ☆ 📄 🔗

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F5

1 INPUT THE AVERAGE PRICES OF THE FEED IN YOUR AREA BELOW;

2

3 PRICE OF CHICKS MASH 9000

4 PRICE OF GROWERS MASH 6900

5 PRICE OF LAYERS MASH 7300

6

7

		Age of birds in weeks	No of Birds	Mortality	Actual No of Birds	Daily Consumption per bird (g)	Weekly Cons. Per bird (Kg)	Weekly Consumption of Stock in (Kg)	Total No of Bags / week	Average Cost of Feed / Bag (N)	Cost of Feed of Stock / Week (N)	Total Cost of Feed / Month (N)	Monthly Cumulative Feed Cost
8		Week 16	1,000	0.36%	1,000	85	0.60	595	23.80	6,900	164,220		
9		Week 17	1,000		996	90	0.63	628	25.11	6,900	173,254		
10		Week 18	1,000		996	95	0.67	663	26.50	6,900	182,879		
11		Month 1	Week 19	1,000	996	100	0.70	697	27.90	6,900	192,504	712,858	712,858
12			Week 20	1,000	0.36%	993	105	0.74	730	29.19	6,900	201,402	
13			Week 21	1,000		993	110	0.77	764	30.58	6,900	210,993	
14			Week 22	1,000		993	115	0.81	799	31.97	7,300	233,371	
15		Month 2	Week 23	1,000		993	115	0.81	799	31.97	7,300	233,371	879,136
16				0.36%	989	115	0.81	796	31.85	7,300	232,530	1,591,994	
17					989	115	0.81	796	31.85	7,300	232,530		

1,358,623 POINT OF LAY

POINT OF CAGE POINT OF LAY BROILERS

DIY AGRIC POULTRY FEED CALCULATOR

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DIY AGRIC POULTRY FEED CALCULATOR .xlsx

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100% \$ % .00 123 Default (Ca... 11 B I G A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
27			Week 34	1,000		982	115	0.81	791	31.62	7,300	230,859							
28		Month 5	Week 35	1,000		982	115	0.81	791	31.62	7,300	230,859	923,437	4,372,326					
29			Week 36	1,000	0.36%	979	115	0.81	788	31.51	7,300	230,028							
30			Week 37	1,000		979	115	0.81	788	31.51	7,300	230,028							
31			Week 38	1,000		979	115	0.81	788	31.51	7,300	230,028							
32		Month 6	Week 39	1,000		979	115	0.81	788	31.51	7,300	230,028	920,113	5,292,439					
33			Week 40	1,000	0.36%	975	115	0.81	785	31.40	7,300	229,200							
34			Week 41	1,000		975	115	0.81	785	31.40	7,300	229,200							
35			Week 42	1,000		975	115	0.81	785	31.40	7,300	229,200							
36		Month 7	Week 43	1,000		975	115	0.81	785	31.40	7,300	229,200	916,800	6,209,239					
37			Week 44	1,000	0.36%	972	115	0.81	782	31.28	7,300	228,375							
38			Week 45	1,000		972	115	0.81	782	31.28	7,300	228,375							
39			Week 46	1,000		972	115	0.81	782	31.28	7,300	228,375							
40		Month 8	Week 47	1,000		972	115	0.81	782	31.28	7,300	228,375	913,500	7,122,739					
41			Week 48	1,000	0.36%	968	115	0.81	779	31.17	7,300	227,553							
42			Week 49	1,000		968	115	0.81	779	31.17	7,300	227,553							
43			Week 50	1,000		968	115	0.81	779	31.17	7,300	227,553							
44		Month 9	Week 51	1,000		968	115	0.81	779	31.17	7,300	227,553	910,211	8,032,950					
45			Week 52	1,000	0.36%	965	115	0.81	776	31.06	7,300	226,734							
						965	115	0.81	776	31.06	7,300	226,734							
						965	115	0.81	776	31.06	7,300	226,734							

POINT OF CAGE POINT OF LAY BROILERS

DIY AGRIC POULTRY FEED CALCULATOR .xlsx

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100% \$ % .00 123 Default (Ca... 11 B I G A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
38			Week 45	1,000		972	115	0.81	782	31.28	7,300	228,375							
39			Week 46	1,000		972	115	0.81	782	31.28	7,300	228,375							
40		Month 8	Week 47	1,000		972	115	0.81	782	31.28	7,300	228,375	913,500	7,122,739					
41			Week 48	1,000	0.36%	968	115	0.81	779	31.17	7,300	227,553							
42			Week 49	1,000		968	115	0.81	779	31.17	7,300	227,553							
43			Week 50	1,000		968	115	0.81	779	31.17	7,300	227,553							
44		Month 9	Week 51	1,000		968	115	0.81	779	31.17	7,300	227,553	910,211	8,032,950					
45			Week 52	1,000	0.36%	965	115	0.81	776	31.06	7,300	226,734							
46			Week 53	1,000		965	115	0.81	776	31.06	7,300	226,734							
47			Week 54	1,000		965	115	0.81	776	31.06	7,300	226,734							
48		Month	Week 55	1,000		965	115	0.81	776	31.06	7,300	226,734	906,934	8,939,885					
49			Week 56	1,000	0.36%	961	115	0.81	774	30.95	7,300	225,917							
50			Week 57	1,000		961	115	0.81	774	30.95	7,300	225,917							
51			Week 58	1,000		961	115	0.81	774	30.95	7,300	225,917							
52		Month	Week 59	1,000		961	115	0.81	774	30.95	7,300	225,917	903,670	9,843,554					
53			Week 60	1,000	0.36%	958	115	0.81	771	30.84	7,300	225,104							
54			Week 61	1,000		958	115	0.81	771	30.84	7,300	225,104							
55			Week 62	1,000		958	115	0.81	771	30.84	7,300	225,104							
56		Month	Week 63	1,000		958	115	0.81	771	30.84	7,300	225,104	900,416	10,743,971					
					0.36%	954	115	0.81	768	30.73	7,300	224,294							
						954	115	0.81	768	30.73	7,300	224,294							

POINT OF CAGE POINT OF LAY BROILERS

DIY AGRIC POULTRY FEED CALCULATOR .xlsx

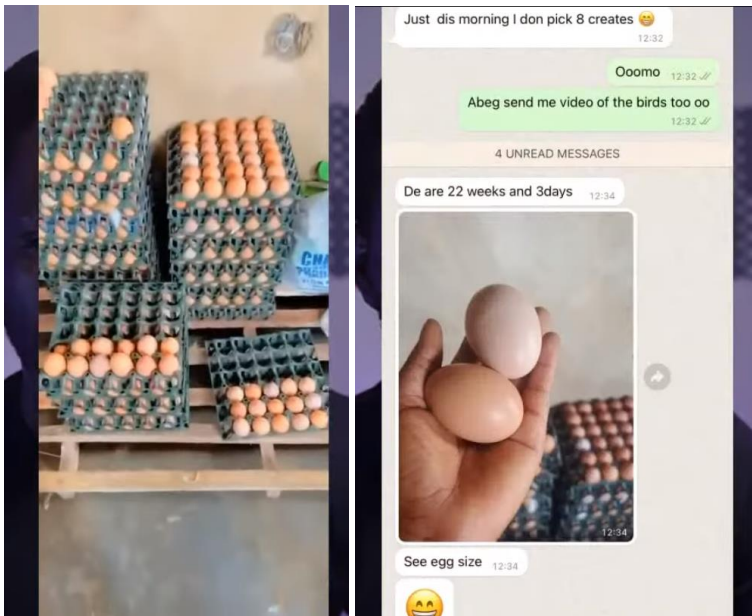
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100% \$ % .00 123 Default (Ca... 11 B I G A

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
47			Week 54	1,000		965	115	0.81	776	31.06	7,300	226,734							
48		Month	Week 55	1,000		965	115	0.81	776	31.06	7,300	226,734	906,934	8,939,885					
49			Week 56	1,000	0.36%	961	115	0.81	774	30.95	7,300	225,917							
50			Week 57	1,000		961	115	0.81	774	30.95	7,300	225,917							
51			Week 58	1,000		961	115	0.81	774	30.95	7,300	225,917							
52		Month	Week 59	1,000		961	115	0.81	774	30.95	7,300	225,917	903,670	9,843,554					
53			Week 60	1,000	0.36%	958	115	0.81	771	30.84	7,300	225,104							
54			Week 61	1,000		958	115	0.81	771	30.84	7,300	225,104							
55			Week 62	1,000		958	115	0.81	771	30.84	7,300	225,104							
56		Month	Week 63	1,000		958	115	0.81	771	30.84	7,300	225,104	900,416	10,743,971					
57			Week 64	1,000	0.36%	954	115	0.81	768	30.73	7,300	224,294							
58			Week 65	1,000		954	115	0.81	768	30.73	7,300	224,294							
59			Week 66	1,000		954	115	0.81	768	30.73	7,300	224,294							
60		Month	Week 67	1,000		954	115	0.81	768	30.73	7,300	224,294	897,175	11,641,145					
61			Week 68	1,000	0.36%	951	115	0.81	765	30.61	7,300	223,486							
62			Week 69	1,000		951	115	0.81	765	30.61	7,300	223,486							
63			Week 70	1,000		951	115	0.81	765	30.61	7,300	223,486							
64		Month	Week 71	1,000		951	115	0.81	765	30.61	7,300	223,486	893,945	12,535,090					
65			Week 72	1,000	0.36%	947	115	0.81	763	30.50	7,300	222,682							
						947	115	0.81	763	30.50	7,300	222,682							
						947	115	0.81	763	30.50	7,300	222,682							

POINT OF CAGE POINT OF LAY BROILERS

Let us see some testimonials from some clients



TURNOVER

Usually, layers start laying anytime from around 17-18 weeks and they can attain their peak of about 90-95% production within 2 months after starting. Their hen day production also begins to decline after about 7 months into laying. Most hens are sold when production declines to about 55% or lesser which is usually after 17 months. So, for the sake of this one-year cost analysis, we are using an average of 80% production. Here's also why:

The ISA Brown chicken lays up to 6 eggs per week and over 300 eggs per year, so our 80% is a conservative percentage @ 292 eggs per hen in the first year.

Expected Number of Eggs from 10,000 birds

Referring to the excel sheet that shows the number of mortalities, I am calculating the number of eggs based on the average number of hens.

i.e. $(9,453 + 9,020)/2 = 9,236$ hens

If average production through the year is 80% of 9,236, then we have:

- 7,388 eggs per day (@ 80% lay)
- 2,696,620 eggs per year
- 89,887.3 crates of eggs in a year.

= N166,291,567

Egg per hen/ week	Egg/ hen / year	Egg/hen house/ day	Egg/hen house/ year	Total egg crates/ year	Price/ crate	Total Revenue	Spent layers (8,955 pcs) @ 2,800 after production
6	292	7,388	2,696,620	89,887.3	N1850	N166,291,567	N25,074,000

Next, let us see a quick explanation of how you do your calculations. You will also have a yearly net revenue (after removing cost for power generator, medication, vaccination, paying workers, security, etc) of about N45million and about N3.8million/month for a 10,000-capacity Layers operation.