



# Ranger Classic Broiler

PERFORMANCE OBJECTIVES

2018



An Aviagen Brand



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## Key Management Points

The Ranger Classic™ is a feather sexable, slower-growing broiler that has white with shades of brown plumage and is suitable for both conventional production and alternative production systems. As well as delivering excellent health and welfare characteristics, it offers superior meat yield, robustness and sector-leading feed conversion. The following points are important for optimizing performance of the Ranger Classic broiler:

- Maximize chick quality by good management of hatching, storage and transport conditions.
- Design the brooding set-up to ensure easy access to water and feed at placement, and to ease the transition between supplementary systems and the automated feeders and drinkers at 4-5 days. Feed a highly digestible and nutritionally balanced Starter diet.
- Ranger Classic broiler chicks might be slightly smaller as egg size of the Ranger female is lower than that of standard Aviagen® parent stock females. Early environmental temperatures might have to be adjusted to account for this (+ 1°C / 2°F higher).
- Keep chicks in their thermal comfort zone by monitoring chick behavior, but beware of low relative humidities (less than 50% RH). Establish a minimum ventilation program from day one.
- Monitor crop fill, feeding and drinking behavior and 7-day live weight to allow continuous improvement of the brooding set-up.
- Maintain high standards of biosecurity and cleanliness to keep disease to a minimum.





## **Introduction**

This booklet contains the performance objectives for the Ranger Classic broiler and is to be used in conjunction with the **Broiler Management Handbook** supplied by Aviagen.

## **Performance**

The performance objectives given in this booklet will be achieved under good management and environmental conditions. The achieved daily gain depends on feed program and management applied, and climatic conditions. Different growing programs and market demands may require alternative feed formulations; the Aviagen nutrition team can provide advice to suit individual growing programs.

The objectives are presented in two sections to reflect the global nature of the publication.

**Section 1** *g* contains the performance data in metric measurement and

**Section 2** *lb* contains imperial measurements.

In the tables values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.

Yield will vary between processing plants depending on type of equipment used (e.g. carcass chilling technology, automated versus manual deboning) and the exact portion being produced.

For further information on the management of Ranger Classic broiler stock, please contact your local Aviagen Representative.



## As-Hatched Performance

Day	Weight (g) <sup>1</sup>	Daily gain (g)	Av. daily gain / week (g)	Daily intake (g)	Cum. intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	38					
1	51	13			11	0.223
2	64	13		14	26	0.402
3	78	15		17	43	0.546
4	95	16		20	63	0.663
5	113	18		23	86	0.757
6	133	20		26	111	0.835
7	155	22	16.79	29	140	0.900
8	180	24		32	172	0.955
9	206	26		35	206	1.001
10	235	29		38	244	1.042
11	265	31		42	286	1.077
12	298	33		45	331	1.109
13	334	35		49	380	1.138
14	371	37	30.79	52	432	1.165
15	410	39		56	488	1.190
16	452	42		60	548	1.213
17	496	44		64	613	1.236
18	541	46		68	681	1.257
19	589	48		72	753	1.279
20	638	49		76	829	1.299
21	690	51	45.51	80	910	1.319
22	742	53		84	994	1.339
23	797	54		89	1083	1.359
24	853	56		93	1175	1.378
25	910	57		96	1272	1.397
26	969	59		100	1372	1.416
27	1029	60		104	1476	1.435
28	1090	61	57.18	108	1584	1.453
29	1152	62		111	1695	1.472
30	1215	63		115	1810	1.491
31	1278	64		118	1929	1.509
32	1342	64		121	2050	1.527
33	1407	65		125	2175	1.545
34	1473	65		128	2302	1.563
35	1538	66	64.06	130	2432	1.581
36	1604	66		133	2565	1.599
37	1670	66		135	2701	1.617
38	1737	66		138	2838	1.635
39	1803	66		140	2978	1.652
40	1869	66		142	3120	1.670
41	1935	66		144	3264	1.687
42	2001	66	66.06	145	3409	1.704
43	2066	65		147	3556	1.721
44	2131	65		148	3704	1.738
45	2196	65		149	3854	1.755
46	2260	64		150	4004	1.772
47	2324	64		151	4156	1.788
48	2387	63		152	4308	1.805
49	2449	62	64.10	153	4460	1.821
50	2511	62		153	4614	1.837
51	2572	61		154	4767	1.853
52	2633	60		154	4921	1.869
53	2692	60		154	5075	1.885
54	2751	59		154	5229	1.901
55	2809	58		154	5383	1.917
56	2866	57	59.45	154	5536	1.932
57	2922	56		153	5690	1.947
58	2977	55		153	5842	1.963
59	3031	54		152	5995	1.978
60	3084	53		152	6146	1.993
61	3137	52		151	6297	2.008
62	3188	51		150	6448	2.022
63	3239	50	53.30	149	6597	2.037
64	3288	49		148	6745	2.051
65	3337	49		147	6893	2.066
66	3384	48		146	7039	2.080
67	3431	47		145	7185	2.094
68	3476	46		144	7329	2.108
69	3521	45		143	7472	2.122
70	3565	44	46.58	142	7613	2.136

<sup>1</sup>On-farm body weight (i.e. feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>FCR includes initial body weight at placement and does not account for mortality.

**NOTE:** In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.



## Male Performance

Day	Weight (g) <sup>1</sup>	Daily gain (g)	Av. daily gain / week (g)	Daily intake (g)	Cum. intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	38					
1	50	12			10	0.204
2	63	13		13	24	0.373
3	78	15		16	40	0.513
4	94	16		19	59	0.630
5	112	18		22	82	0.727
6	133	20		26	107	0.809
7	155	22	16.73	29	136	0.878
8	180	25		32	168	0.937
9	207	27		36	204	0.988
10	236	29		39	244	1.033
11	267	32		43	287	1.072
12	301	34		47	334	1.107
13	338	36		51	384	1.138
14	377	39	31.64	55	439	1.167
15	418	41		59	498	1.193
16	461	44		63	562	1.218
17	507	46		68	629	1.241
18	555	48		72	701	1.263
19	605	50		76	777	1.284
20	658	52		81	858	1.304
21	712	55	47.98	85	943	1.324
22	769	56		90	1033	1.343
23	827	58		94	1127	1.362
24	887	60		98	1225	1.381
25	949	62		103	1328	1.399
26	1013	63		107	1435	1.417
27	1078	65		111	1546	1.434
28	1144	66	61.63	115	1661	1.452
29	1211	67		119	1780	1.469
30	1280	69		123	1903	1.487
31	1350	70		127	2030	1.504
32	1420	71		130	2160	1.521
33	1491	71		134	2294	1.538
34	1563	72		137	2431	1.555
35	1636	73	70.31	140	2572	1.572
36	1709	73		143	2715	1.589
37	1782	73		146	2861	1.605
38	1856	74		149	3010	1.622
39	1930	74		151	3161	1.638
40	2004	74		154	3315	1.655
41	2077	74		156	3471	1.671
42	2151	74	73.58	158	3629	1.687
43	2225	73		160	3789	1.703
44	2298	73		161	3950	1.719
45	2371	73		163	4113	1.735
46	2443	72		164	4278	1.751
47	2515	72		165	4443	1.767
48	2586	71		166	4609	1.782
49	2657	71	72.23	167	4777	1.798
50	2727	70		168	4945	1.813
51	2796	69		169	5113	1.829
52	2864	68		169	5282	1.844
53	2932	68		169	5451	1.859
54	2999	67		169	5621	1.874
55	3065	66		169	5790	1.889
56	3130	65	67.60	169	5960	1.904
57	3194	64		169	6129	1.919
58	3257	63		169	6297	1.933
59	3319	62		168	6466	1.948
60	3380	61		168	6634	1.962
61	3440	60		167	6801	1.977
62	3499	59		166	6967	1.991
63	3557	58	61.04	166	7133	2.005
64	3614	57		165	7297	2.019
65	3670	56		164	7461	2.033
66	3725	55		163	7624	2.047
67	3778	54		162	7785	2.061
68	3831	53		160	7946	2.074
69	3882	51		159	8105	2.088
70	3933	50	53.63	158	8263	2.101

<sup>1</sup>On-farm body weight (i.e. feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.



## Female Performance

Day	Weight (g) <sup>1</sup>	Daily gain (g)	Av. daily gain / week (g)	Daily intake (g)	Cum. intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	38					
1	51	13			13	0.246
2	64	13		15	28	0.437
3	79	15		18	46	0.584
4	95	16		21	67	0.699
5	113	18		23	90	0.790
6	133	20		26	115	0.863
7	155	22	16.78	28	143	0.922
8	179	24		31	174	0.971
9	205	26		34	208	1.013
10	233	28		37	245	1.049
11	263	30		40	284	1.081
12	295	32		43	327	1.110
13	329	34		46	374	1.137
14	365	36	29.89	50	424	1.162
15	402	38		53	477	1.186
16	442	40		57	534	1.209
17	483	41		61	595	1.231
18	527	43		64	659	1.252
19	571	45		68	728	1.274
20	618	46		72	800	1.294
21	666	48	43.02	76	875	1.315
22	715	49		79	955	1.335
23	766	51		83	1038	1.356
24	817	52		87	1125	1.376
25	870	53		90	1215	1.396
26	924	54		94	1309	1.416
27	979	55		97	1406	1.436
28	1035	56	52.78	100	1507	1.455
29	1092	56		104	1610	1.475
30	1149	57		107	1717	1.495
31	1206	58		110	1826	1.514
32	1264	58		112	1939	1.533
33	1323	58		115	2054	1.553
34	1382	59		118	2171	1.572
35	1440	59	57.90	120	2291	1.591
36	1499	59		122	2413	1.609
37	1558	59		124	2537	1.628
38	1617	59		126	2664	1.647
39	1676	59		128	2791	1.665
40	1735	59		129	2921	1.684
41	1793	58		131	3052	1.702
42	1851	58	58.64	132	3184	1.720
43	1909	58		133	3317	1.738
44	1966	57		134	3452	1.756
45	2022	57		135	3587	1.774
46	2078	56		136	3723	1.791
47	2134	56		137	3860	1.809
48	2189	55		137	3997	1.826
49	2243	54	56.02	138	4135	1.844
50	2297	54		138	4273	1.861
51	2349	53		138	4411	1.878
52	2402	52		138	4549	1.894
53	2453	51		138	4687	1.911
54	2503	51		138	4825	1.928
55	2553	50		138	4963	1.944
56	2602	49	51.26	137	5100	1.960
57	2650	48		137	5237	1.976
58	2697	47		136	5373	1.992
59	2743	46		136	5509	2.008
60	2789	45		135	5644	2.024
61	2833	45		134	5778	2.039
62	2877	44		133	5912	2.055
63	2920	43	45.43	133	6044	2.070
64	2962	42		132	6176	2.085
65	3003	41		131	6307	2.100
66	3043	40		130	6436	2.115
67	3082	39		129	6565	2.130
68	3121	38		127	6692	2.144
69	3158	38		126	6819	2.159
70	3195	37	39.32	125	6944	2.173

<sup>1</sup>On-farm body weight (i.e. feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.



## Notes

A series of horizontal dotted lines for taking notes.



## As-Hatched Performance

Day	Weight (lb) <sup>1</sup>	Daily gain (lb)	Av. daily gain / week (lb)	Daily intake (lb)	Cum. intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.084					
1	0.112	0.028			0.025	0.223
2	0.141	0.029		0.032	0.057	0.402
3	0.173	0.032		0.038	0.095	0.546
4	0.209	0.036		0.044	0.139	0.663
5	0.249	0.040		0.050	0.189	0.757
6	0.294	0.044		0.057	0.245	0.835
7	0.343	0.049	0.037	0.063	0.308	0.900
8	0.396	0.054		0.070	0.378	0.955
9	0.454	0.058		0.077	0.455	1.001
10	0.517	0.063		0.084	0.539	1.042
11	0.585	0.068		0.092	0.631	1.077
12	0.658	0.073		0.099	0.730	1.109
13	0.736	0.078		0.107	0.837	1.138
14	0.818	0.082	0.068	0.116	0.953	1.165
15	0.905	0.087		0.124	1.077	1.190
16	0.997	0.092		0.133	1.209	1.213
17	1.093	0.096		0.141	1.350	1.236
18	1.193	0.101		0.150	1.501	1.257
19	1.298	0.105		0.159	1.660	1.279
20	1.407	0.109		0.168	1.828	1.299
21	1.520	0.113	0.100	0.177	2.005	1.319
22	1.637	0.117		0.186	2.192	1.339
23	1.757	0.120		0.195	2.387	1.359
24	1.880	0.123		0.204	2.591	1.378
25	2.007	0.127		0.213	2.803	1.397
26	2.136	0.129		0.221	3.025	1.416
27	2.268	0.132		0.230	3.254	1.435
28	2.403	0.134	0.126	0.238	3.492	1.453
29	2.539	0.137		0.246	3.738	1.472
30	2.678	0.139		0.253	3.991	1.491
31	2.818	0.140		0.261	4.252	1.509
32	2.959	0.142		0.268	4.520	1.527
33	3.102	0.143		0.275	4.794	1.545
34	3.246	0.144		0.281	5.075	1.563
35	3.391	0.145	0.141	0.287	5.363	1.581
36	3.537	0.145		0.293	5.656	1.599
37	3.682	0.146		0.298	5.954	1.617
38	3.828	0.146		0.304	6.258	1.635
39	3.974	0.146		0.308	6.566	1.652
40	4.120	0.146		0.313	6.879	1.670
41	4.266	0.146		0.317	7.196	1.687
42	4.411	0.145	0.146	0.320	7.516	1.704
43	4.555	0.144		0.324	7.840	1.721
44	4.699	0.144		0.327	8.166	1.738
45	4.841	0.143		0.329	8.496	1.755
46	4.983	0.142		0.332	8.828	1.772
47	5.123	0.140		0.334	9.161	1.788
48	5.262	0.139		0.335	9.497	1.805
49	5.400	0.138	0.141	0.337	9.834	1.821
50	5.536	0.136		0.338	10.171	1.837
51	5.671	0.135		0.339	10.510	1.853
52	5.804	0.133		0.339	10.849	1.869
53	5.935	0.131		0.339	11.189	1.885
54	6.064	0.129		0.339	11.528	1.901
55	6.192	0.128		0.339	11.867	1.917
56	6.317	0.126	0.131	0.339	12.206	1.932
57	6.441	0.124		0.338	12.543	1.947
58	6.563	0.122		0.337	12.880	1.963
59	6.682	0.120		0.336	13.216	1.978
60	6.800	0.118		0.334	13.550	1.993
61	6.915	0.115		0.333	13.883	2.008
62	7.029	0.113		0.331	14.214	2.022
63	7.140	0.111	0.117	0.329	14.544	2.037
64	7.249	0.109		0.327	14.871	2.051
65	7.356	0.107		0.325	15.196	2.066
66	7.461	0.105		0.323	15.519	2.080
67	7.563	0.103		0.320	15.839	2.094
68	7.664	0.101		0.318	16.157	2.108
69	7.762	0.098		0.315	16.472	2.122
70	7.859	0.096	0.103	0.312	16.785	2.136

<sup>1</sup>On-farm body weight (i.e. feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.





## Male Performance

Day	Weight (lb) <sup>1</sup>	Daily gain (lb)	Av. daily gain / week (lb)	Daily intake (lb)	Cum. intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.084					
1	0.111	0.027			0.023	0.204
2	0.140	0.029		0.029	0.052	0.373
3	0.172	0.032		0.036	0.088	0.513
4	0.208	0.036		0.043	0.131	0.630
5	0.248	0.040		0.049	0.180	0.727
6	0.293	0.045		0.056	0.237	0.809
7	0.342	0.049	0.037	0.064	0.300	0.878
8	0.396	0.054		0.071	0.371	0.937
9	0.456	0.059		0.079	0.450	0.988
10	0.520	0.064		0.087	0.537	1.033
11	0.590	0.070		0.095	0.632	1.072
12	0.665	0.075		0.103	0.735	1.107
13	0.745	0.080		0.112	0.848	1.138
14	0.830	0.085	0.070	0.121	0.969	1.167
15	0.921	0.091		0.130	1.099	1.193
16	1.017	0.096		0.140	1.238	1.218
17	1.118	0.101		0.149	1.387	1.241
18	1.224	0.106		0.159	1.546	1.263
19	1.335	0.111		0.168	1.714	1.284
20	1.450	0.116		0.178	1.892	1.304
21	1.571	0.120	0.106	0.188	2.080	1.324
22	1.695	0.125		0.197	2.277	1.343
23	1.824	0.129		0.207	2.484	1.362
24	1.956	0.133		0.217	2.701	1.381
25	2.093	0.136		0.226	2.927	1.399
26	2.233	0.140		0.236	3.163	1.417
27	2.376	0.143		0.245	3.408	1.434
28	2.522	0.146	0.136	0.254	3.662	1.452
29	2.671	0.149		0.263	3.924	1.469
30	2.822	0.151		0.271	4.195	1.487
31	2.975	0.154		0.279	4.475	1.504
32	3.131	0.156		0.287	4.762	1.521
33	3.288	0.157		0.295	5.057	1.538
34	3.447	0.159		0.302	5.360	1.555
35	3.607	0.160	0.155	0.309	5.669	1.572
36	3.768	0.161		0.316	5.985	1.589
37	3.930	0.162		0.322	6.308	1.605
38	4.092	0.162		0.328	6.636	1.622
39	4.255	0.163		0.334	6.970	1.638
40	4.417	0.163		0.339	7.309	1.655
41	4.580	0.163		0.344	7.653	1.671
42	4.742	0.162	0.162	0.348	8.001	1.687
43	4.904	0.162		0.352	8.353	1.703
44	5.066	0.161		0.356	8.709	1.719
45	5.226	0.160		0.359	9.068	1.735
46	5.386	0.160		0.362	9.430	1.751
47	5.544	0.158		0.365	9.795	1.767
48	5.701	0.157		0.367	10.162	1.782
49	5.857	0.156	0.159	0.369	10.531	1.798
50	6.011	0.154		0.370	10.901	1.813
51	6.164	0.153		0.372	11.273	1.829
52	6.315	0.151		0.373	11.645	1.844
53	6.464	0.149		0.373	12.018	1.859
54	6.612	0.147		0.373	12.392	1.874
55	6.757	0.145		0.373	12.765	1.889
56	6.900	0.143	0.149	0.373	13.138	1.904
57	7.041	0.141		0.373	13.511	1.919
58	7.181	0.139		0.372	13.883	1.933
59	7.317	0.137		0.371	14.254	1.948
60	7.452	0.135		0.370	14.624	1.962
61	7.584	0.132		0.368	14.993	1.977
62	7.714	0.130		0.367	15.360	1.991
63	7.842	0.128	0.135	0.365	15.725	2.005
64	7.968	0.125		0.363	16.088	2.019
65	8.091	0.123		0.361	16.449	2.033
66	8.211	0.121		0.359	16.807	2.047
67	8.329	0.118		0.356	17.164	2.061
68	8.445	0.116		0.354	17.517	2.074
69	8.559	0.113		0.351	17.868	2.088
70	8.670	0.111	0.118	0.348	18.216	2.101

<sup>1</sup>On-farm body weight (i.e. feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.



## Female Performance

Day	Weight (lb) <sup>1</sup>	Daily gain (lb)	Av. daily gain / week (lb)	Daily intake (lb)	Cum. intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.084					
1	0.112	0.029			0.028	0.246
2	0.142	0.029		0.034	0.062	0.437
3	0.174	0.032		0.040	0.102	0.584
4	0.210	0.036		0.045	0.147	0.699
5	0.250	0.040		0.051	0.198	0.790
6	0.294	0.044		0.056	0.254	0.863
7	0.343	0.048	0.037	0.062	0.316	0.922
8	0.395	0.053		0.068	0.384	0.971
9	0.452	0.057		0.074	0.458	1.013
10	0.514	0.061		0.081	0.539	1.049
11	0.580	0.066		0.088	0.627	1.081
12	0.650	0.070		0.095	0.722	1.110
13	0.725	0.075		0.102	0.824	1.137
14	0.804	0.079	0.066	0.110	0.934	1.162
15	0.887	0.083		0.118	1.052	1.186
16	0.974	0.087		0.126	1.178	1.209
17	1.066	0.091		0.134	1.312	1.231
18	1.161	0.095		0.142	1.454	1.252
19	1.260	0.099		0.150	1.604	1.274
20	1.362	0.102		0.159	1.763	1.294
21	1.468	0.106	0.095	0.167	1.930	1.315
22	1.576	0.109		0.175	2.105	1.335
23	1.688	0.112		0.183	2.288	1.356
24	1.802	0.114		0.191	2.480	1.376
25	1.919	0.117		0.199	2.679	1.396
26	2.038	0.119		0.207	2.886	1.416
27	2.159	0.121		0.214	3.100	1.436
28	2.282	0.123	0.116	0.221	3.321	1.455
29	2.407	0.125		0.228	3.550	1.475
30	2.532	0.126		0.235	3.785	1.495
31	2.660	0.127		0.242	4.027	1.514
32	2.788	0.128		0.248	4.274	1.533
33	2.916	0.129		0.254	4.528	1.553
34	3.046	0.129		0.259	4.787	1.572
35	3.176	0.130	0.128	0.264	5.051	1.591
36	3.306	0.130		0.269	5.320	1.609
37	3.436	0.130		0.274	5.594	1.628
38	3.566	0.130		0.278	5.872	1.647
39	3.695	0.130		0.282	6.154	1.665
40	3.824	0.129		0.285	6.439	1.684
41	3.953	0.129		0.289	6.728	1.702
42	4.081	0.128	0.129	0.292	7.019	1.720
43	4.208	0.127		0.294	7.314	1.738
44	4.333	0.126		0.296	7.610	1.756
45	4.458	0.125		0.298	7.908	1.774
46	4.582	0.124		0.300	8.209	1.791
47	4.704	0.122		0.302	8.510	1.809
48	4.825	0.121		0.303	8.813	1.826
49	4.945	0.120	0.123	0.303	9.116	1.844
50	5.063	0.118		0.304	9.420	1.861
51	5.180	0.116		0.304	9.725	1.878
52	5.294	0.115		0.304	10.029	1.894
53	5.407	0.113		0.304	10.334	1.911
54	5.519	0.111		0.304	10.638	1.928
55	5.628	0.110		0.303	10.941	1.944
56	5.736	0.108	0.113	0.303	11.244	1.960
57	5.842	0.106		0.302	11.545	1.976
58	5.946	0.104		0.300	11.846	1.992
59	6.048	0.102		0.299	12.145	2.008
60	6.148	0.100		0.298	12.443	2.024
61	6.247	0.098		0.296	12.739	2.039
62	6.343	0.096		0.294	13.033	2.055
63	6.437	0.094	0.100	0.292	13.325	2.070
64	6.530	0.092		0.290	13.616	2.085
65	6.620	0.091		0.288	13.904	2.100
66	6.709	0.089		0.286	14.190	2.115
67	6.795	0.087		0.284	14.473	2.130
68	6.880	0.085		0.281	14.754	2.144
69	6.963	0.083		0.279	15.033	2.159
70	7.044	0.081	0.087	0.276	15.309	2.173

<sup>1</sup>On-farm body weight (i.e. feed present in intestinal tract).

<sup>2</sup>Feed consumption per living bird.

<sup>3</sup>FCR includes initial body weight at placement and does not account for mortality.

NOTE: In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.



## Notes

A series of horizontal dotted lines for taking notes.

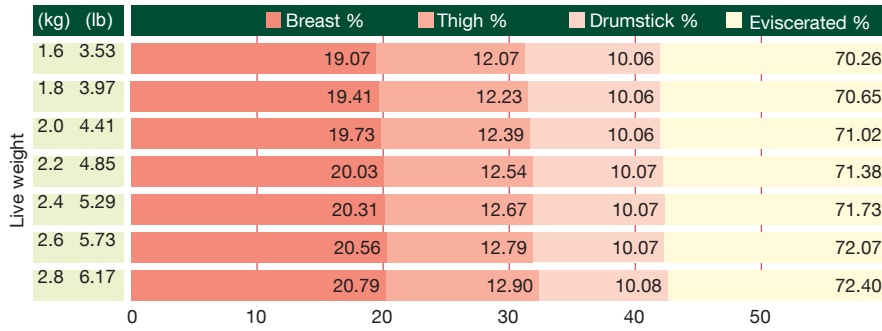


# Ranger Classic Broiler Performance Objectives

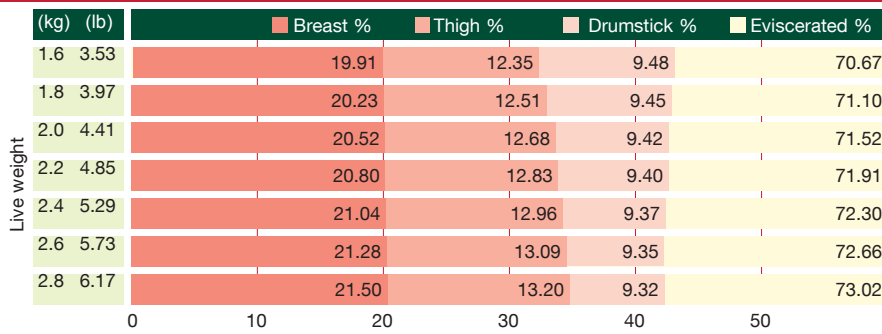
## Carcass Yield

The following diagrams indicate how yields of the major portions change with increasing live weight in each sex. Two types of processing are described: eviscerated yield is broken down into breast meat, thigh and drumstick to represent a portioning operation and into breast meat and leg meat to represent a deboning operation.

Ranger Classic Male - Portion



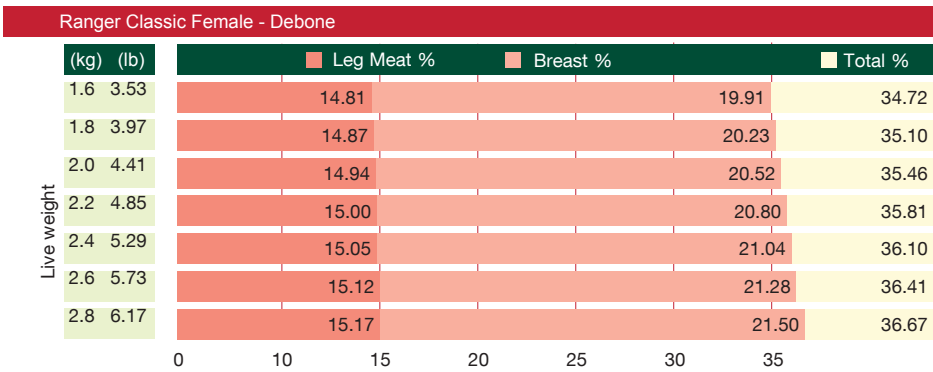
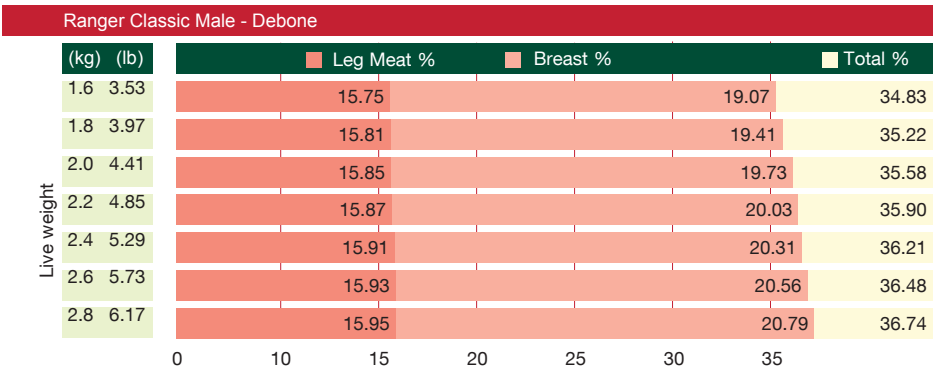
Ranger Classic Female - Portion







# Ranger Classic Broiler Performance Objectives



## Definitions of Terms:

- Eviscerated %** eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.
- Breast %** breast meat (without skin and bone) as a percentage of live weight.
- Thigh / Drumstick %** whole thigh / drumstick (with skin and bone) as a percentage of live weight.
- Leg Meat %** sum of deboned thigh (without skin) and deboned drumstick (without skin) as a percentage of live weight.

*NOTE: These figures represent dry yield. They do not include any moisture retained during chilling or processing. Carcass component yields will vary among processing plants depending on, for example, type of equipment used and the exact portion(s) being produced.*







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