

# BRILLIANT BRAND

708

Performance  
Objectives

2014



## **Introduction**

This booklet contains the performance objectives for the Ross® 708 Broiler and is to be used with the **Ross Broiler Management Handbook**.

## **Performance**

These objectives indicate the performance achievable under good management and environmental conditions and when feeding nutrient levels described in the Ross 708 Broiler Nutrition Specifications.

Producers may find that local factors prevent such performance being achieved. For example:

- The availability of raw materials may limit nutrient content and intake.
- Extreme climatic conditions will reduce performance.
- Economic considerations may limit choice of production systems.

Therefore, average performance may be lower than the figures presented here.

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.

Yields 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 Ross stock, please contact your local Technical Service Manager or the Technical Service Department.

## Contents

02		<i>Key Management Points</i>
03	<b>Section g</b>	<i>As-Hatched Performance</i>
04	<b>Section g</b>	<i>Male Performance</i>
05	<b>Section g</b>	<i>Female Performance</i>
07	<b>Section lb</b>	<i>As-Hatched Performance</i>
08	<b>Section lb</b>	<i>Male Performance</i>
09	<b>Section lb</b>	<i>Female Performance</i>
11-12		<i>Carcass Yield</i>

## Key Management Points

The Ross 708 is a robust, fast growing, feed efficient broiler with good meat yield. It is designed to satisfy the demands of customers who require consistency of performance and the versatility to meet a broad range of end product requirements. Cost effective production of chicken meat depends on achieving good bird performance and the following points are important for optimizing performance of the Ross 708 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.
- 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.
- Keep birds in their thermal comfort zone throughout the growing period. Fast growing broilers produce large amounts of heat, particularly in the second half of the grow-out period. Keeping ambient temperatures less than 21°C (69.8°F) from 21 days onwards may improve growth rates.
- Maintain high standards of biosecurity and cleanliness to keep disease to a minimum.

## As-Hatched Performance

Day	Body 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	42					
1	56	14		12	12	0.217
2	71	15		15	28	0.387
3	88	17		18	46	0.523
4	107	19		22	68	0.631
5	129	22		25	93	0.718
6	153	24		28	121	0.790
7	180	27	19.75	32	153	0.849
8	210	30		36	189	0.899
9	243	33		40	229	0.942
10	279	36		44	273	0.979
11	318	39		49	322	1.012
12	360	42		53	376	1.042
13	406	45		58	434	1.070
14	454	48	39.11	63	497	1.095
15	506	52		69	566	1.120
16	560	55		74	640	1.143
17	618	58		80	720	1.165
18	678	60		85	805	1.187
19	741	63		91	895	1.208
20	807	66		97	992	1.228
21	876	69	60.30	102	1094	1.249
22	947	71		108	1202	1.269
23	1021	73		114	1316	1.289
24	1096	76		120	1436	1.309
25	1174	78		125	1561	1.329
26	1254	80		131	1692	1.349
27	1335	82		136	1828	1.369
28	1419	83	77.50	142	1970	1.389
29	1503	85		147	2117	1.408
30	1589	86		153	2270	1.428
31	1677	87		158	2427	1.448
32	1765	88		163	2590	1.468
33	1854	89		168	2758	1.487
34	1944	90		172	2930	1.507
35	2035	91	88.03	177	3107	1.527
36	2126	91		181	3288	1.547
37	2218	92		186	3474	1.566
38	2310	92		190	3663	1.586
39	2402	92		194	3857	1.606
40	2494	92		197	4054	1.626
41	2586	92		201	4255	1.645
42	2678	92	91.95	205	4460	1.665
43	2770	92		208	4668	1.685
44	2862	92		211	4879	1.705
45	2953	91		214	5093	1.725
46	3044	91		217	5310	1.744
47	3134	90		220	5529	1.764
48	3224	90		222	5751	1.784
49	3313	89	90.62	224	5976	1.804
50	3401	88		227	6202	1.824
51	3488	87		229	6431	1.844
52	3575	86		230	6661	1.863
53	3660	85		232	6893	1.883
54	3745	84		233	7127	1.903
55	3828	83		235	7361	1.923
56	3910	82	85.34	236	7597	1.943
57	3991	81		237	7834	1.963
58	4071	80		237	8071	1.983
59	4149	78		238	8309	2.003
60	4226	77		238	8548	2.023
61	4302	75		238	8786	2.042
62	4376	74		238	9024	2.062
63	4448	72	76.82	238	9262	2.082
64	4519	71		238	9500	2.102
65	4588	69		237	9736	2.122
66	4655	67		236	9972	2.142
67	4721	66		235	10207	2.162
68	4785	64		234	10441	2.182
69	4847	62		232	10673	2.202
70	4907	60	65.55	230	10903	2.222

<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	Body 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	42					
1	56	14		12	12	0.211
2	71	15		15	27	0.379
3	88	17		18	45	0.513
4	107	19		21	67	0.622
5	129	22		25	91	0.710
6	153	24		28	120	0.783
7	180	27	19.73	32	152	0.843
8	210	30		36	188	0.894
9	244	33		40	228	0.938
10	280	37		45	273	0.976
11	320	40		50	323	1.010
12	363	43		55	378	1.040
13	410	47		60	438	1.068
14	460	50	39.95	65	503	1.094
15	513	53		71	574	1.118
16	570	57		77	651	1.141
17	630	60		83	733	1.164
18	694	63		89	822	1.185
19	760	67		95	917	1.206
20	830	70		101	1018	1.226
21	903	73	63.35	108	1126	1.246
22	979	76		114	1240	1.266
23	1058	79		120	1360	1.286
24	1139	81		127	1487	1.305
25	1223	84		133	1620	1.325
26	1309	86		140	1759	1.344
27	1398	88		146	1905	1.363
28	1488	91	83.58	152	2057	1.382
29	1581	92		158	2215	1.401
30	1675	94		164	2379	1.421
31	1771	96		170	2549	1.440
32	1868	97		176	2725	1.459
33	1966	98		181	2906	1.478
34	2066	100		186	3092	1.497
35	2166	100	96.88	192	3284	1.516
36	2268	101		197	3481	1.535
37	2370	102		202	3682	1.554
38	2472	102		206	3888	1.573
39	2575	103		211	4099	1.592
40	2678	103		215	4314	1.611
41	2781	103		219	4533	1.630
42	2884	103	102.50	223	4756	1.649
43	2987	103		227	4982	1.668
44	3089	103		230	5213	1.687
45	3192	102		233	5446	1.706
46	3294	102		237	5682	1.725
47	3395	101		239	5922	1.744
48	3495	101		242	6164	1.763
49	3595	100	101.63	245	6409	1.783
50	3694	99		247	6656	1.802
51	3793	98		249	6905	1.821
52	3890	97		251	7156	1.840
53	3986	96		253	7409	1.859
54	4081	95		255	7664	1.878
55	4175	94		256	7920	1.897
56	4268	93	96.08	257	8178	1.916
57	4359	92		259	8436	1.935
58	4450	90		260	8696	1.954
59	4539	89		260	8956	1.973
60	4626	88		261	9218	1.993
61	4712	86		262	9479	2.012
62	4797	85		262	9741	2.031
63	4880	83	87.43	262	10003	2.050
64	4961	82		262	10265	2.069
65	5041	80		262	10527	2.088
66	5120	78		262	10789	2.107
67	5197	77		261	11050	2.126
68	5272	75		261	11311	2.146
69	5345	74		260	11571	2.165
70	5417	72	76.78	259	11830	2.184

<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	Body 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	42					
1	56	14		13	13	0.222
2	71	15		16	28	0.396
3	88	17		19	47	0.532
4	108	19		22	69	0.640
5	129	22		25	94	0.727
6	154	24		28	122	0.797
7	180	27	19.77	32	154	0.855
8	210	30		36	190	0.904
9	243	33		40	229	0.946
10	278	35		44	273	0.982
11	316	38		48	321	1.015
12	357	41		52	373	1.044
13	401	44		57	430	1.071
14	448	47	38.26	62	492	1.097
15	498	50		66	558	1.121
16	550	52		71	629	1.144
17	605	55		76	706	1.166
18	663	57		81	787	1.188
19	723	60		87	874	1.209
20	785	62		92	966	1.231
21	849	64	57.25	97	1063	1.251
22	915	66		102	1165	1.272
23	984	68		107	1272	1.293
24	1054	70		112	1384	1.313
25	1125	72		117	1501	1.334
26	1199	73		122	1623	1.354
27	1273	75		127	1750	1.375
28	1349	76	71.42	132	1882	1.395
29	1426	77		136	2018	1.415
30	1504	78		141	2159	1.436
31	1582	79		145	2304	1.456
32	1662	79		150	2454	1.477
33	1742	80		154	2607	1.497
34	1822	81		158	2765	1.517
35	1903	81	79.17	162	2927	1.538
36	1984	81		165	3092	1.558
37	2066	81		169	3261	1.579
38	2147	82		173	3434	1.599
39	2229	82		176	3610	1.620
40	2310	82		179	3789	1.640
41	2392	81		183	3972	1.661
42	2473	81	81.41	186	4157	1.681
43	2554	81		189	4346	1.702
44	2635	81		191	4537	1.722
45	2715	80		194	4731	1.743
46	2795	80		196	4928	1.763
47	2874	79		199	5127	1.784
48	2952	79		201	5328	1.804
49	3030	78	79.62	203	5531	1.825
50	3108	77		205	5736	1.846
51	3184	76		207	5943	1.866
52	3260	76		208	6151	1.887
53	3335	75		210	6361	1.908
54	3408	74		211	6572	1.928
55	3481	73		212	6784	1.949
56	3553	72	74.60	213	6997	1.970
57	3623	70		214	7211	1.990
58	3692	69		214	7425	2.011
59	3760	68		214	7639	2.032
60	3826	66		214	7853	2.053
61	3891	65		214	8067	2.073
62	3954	63		213	8281	2.094
63	4016	62	66.22	213	8493	2.115
64	4076	60		211	8705	2.136
65	4134	58		210	8915	2.156
66	4191	56		209	9123	2.177
67	4245	54		207	9330	2.198
68	4297	52		205	9535	2.219
69	4348	50		202	9737	2.240
70	4396	48	54.31	200	9937	2.260

<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.



## As-Hatched Performance

Day	Body 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	0.093					
1	0.124	0.032		0.026	0.027	0.217
2	0.157	0.033		0.034	0.061	0.387
3	0.194	0.037		0.041	0.102	0.523
4	0.237	0.042		0.048	0.149	0.631
5	0.284	0.048		0.055	0.204	0.718
6	0.338	0.054		0.063	0.267	0.790
7	0.397	0.060	0.044	0.071	0.337	0.849
8	0.463	0.066		0.079	0.417	0.899
9	0.536	0.073		0.088	0.505	0.942
10	0.615	0.079		0.098	0.602	0.979
11	0.701	0.086		0.108	0.710	1.012
12	0.794	0.093		0.118	0.828	1.042
13	0.894	0.100		0.129	0.957	1.070
14	1.001	0.107	0.086	0.140	1.096	1.095
15	1.115	0.114		0.151	1.248	1.120
16	1.235	0.120		0.163	1.411	1.143
17	1.362	0.127		0.175	1.586	1.165
18	1.495	0.133		0.188	1.774	1.187
19	1.635	0.140		0.200	1.974	1.208
20	1.780	0.146		0.213	2.187	1.228
21	1.931	0.151	0.133	0.225	2.412	1.249
22	2.088	0.157		0.238	2.650	1.269
23	2.250	0.162		0.251	2.901	1.289
24	2.417	0.167		0.264	3.165	1.309
25	2.589	0.171		0.276	3.441	1.329
26	2.764	0.176		0.289	3.729	1.349
27	2.944	0.180		0.301	4.030	1.369
28	3.127	0.183	0.171	0.313	4.343	1.389
29	3.314	0.187		0.325	4.668	1.408
30	3.504	0.190		0.336	5.004	1.428
31	3.696	0.192		0.348	5.352	1.448
32	3.891	0.195		0.359	5.710	1.468
33	4.087	0.197		0.369	6.080	1.487
34	4.286	0.198		0.380	6.459	1.507
35	4.486	0.200	0.194	0.390	6.849	1.527
36	4.687	0.201		0.400	7.249	1.547
37	4.889	0.202		0.409	7.658	1.566
38	5.092	0.203		0.418	8.076	1.586
39	5.295	0.203		0.427	8.503	1.606
40	5.499	0.203		0.435	8.938	1.626
41	5.702	0.203		0.443	9.381	1.645
42	5.905	0.203	0.203	0.451	9.832	1.665
43	6.108	0.203		0.458	10.291	1.685
44	6.310	0.202		0.465	10.756	1.705
45	6.511	0.201		0.472	11.228	1.725
46	6.711	0.200		0.478	11.706	1.744
47	6.910	0.199		0.484	12.190	1.764
48	7.107	0.198		0.490	12.680	1.784
49	7.304	0.196	0.200	0.495	13.174	1.804
50	7.498	0.194		0.499	13.674	1.824
51	7.690	0.193		0.504	14.177	1.844
52	7.881	0.191		0.508	14.685	1.863
53	8.069	0.188		0.511	15.197	1.883
54	8.256	0.186		0.515	15.711	1.903
55	8.439	0.184		0.517	16.229	1.923
56	8.620	0.181	0.188	0.520	16.749	1.943
57	8.799	0.178		0.522	17.271	1.963
58	8.975	0.176		0.523	17.794	1.983
59	9.147	0.173		0.525	18.319	2.003
60	9.317	0.170		0.525	18.844	2.023
61	9.483	0.166		0.526	19.369	2.042
62	9.646	0.163		0.525	19.895	2.062
63	9.806	0.160	0.169	0.525	20.419	2.082
64	9.962	0.156		0.524	20.943	2.102
65	10.114	0.152		0.522	21.465	2.122
66	10.263	0.149		0.520	21.985	2.142
67	10.408	0.145		0.518	22.503	2.162
68	10.548	0.141		0.515	23.018	2.182
69	10.685	0.137		0.512	23.529	2.202
70	10.818	0.133	0.145	0.508	24.037	2.222

<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	Body 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	0.093					
1	0.124	0.032		0.026	0.026	0.211
2	0.157	0.032		0.033	0.059	0.379
3	0.194	0.037		0.040	0.099	0.513
4	0.236	0.042		0.047	0.147	0.622
5	0.283	0.048		0.055	0.201	0.710
6	0.337	0.054		0.063	0.264	0.783
7	0.397	0.060	0.043	0.071	0.335	0.843
8	0.464	0.067		0.080	0.415	0.894
9	0.537	0.073		0.089	0.504	0.938
10	0.618	0.081		0.099	0.603	0.976
11	0.705	0.088		0.110	0.712	1.010
12	0.801	0.095		0.121	0.833	1.040
13	0.903	0.103		0.132	0.965	1.068
14	1.014	0.110	0.088	0.144	1.109	1.094
15	1.131	0.118		0.156	1.265	1.118
16	1.257	0.125		0.169	1.434	1.141
17	1.389	0.133		0.182	1.617	1.164
18	1.529	0.140		0.196	1.812	1.185
19	1.676	0.147		0.209	2.021	1.206
20	1.830	0.154		0.223	2.245	1.226
21	1.991	0.161	0.140	0.237	2.482	1.246
22	2.158	0.167		0.251	2.733	1.266
23	2.332	0.173		0.265	2.998	1.286
24	2.511	0.179		0.280	3.278	1.305
25	2.696	0.185		0.294	3.571	1.325
26	2.886	0.190		0.308	3.879	1.344
27	3.081	0.195		0.321	4.200	1.363
28	3.281	0.200	0.184	0.335	4.535	1.382
29	3.485	0.204		0.348	4.884	1.401
30	3.693	0.208		0.362	5.245	1.421
31	3.904	0.211		0.374	5.620	1.440
32	4.118	0.214		0.387	6.007	1.459
33	4.335	0.217		0.399	6.406	1.478
34	4.555	0.219		0.411	6.817	1.497
35	4.776	0.222	0.214	0.423	7.240	1.516
36	4.999	0.223		0.434	7.673	1.535
37	5.224	0.225		0.444	8.118	1.554
38	5.450	0.226		0.455	8.572	1.573
39	5.676	0.227		0.464	9.037	1.592
40	5.903	0.227		0.474	9.511	1.611
41	6.131	0.227		0.483	9.993	1.630
42	6.358	0.227	0.226	0.491	10.485	1.649
43	6.585	0.227		0.500	10.984	1.668
44	6.811	0.226		0.507	11.492	1.687
45	7.037	0.225		0.515	12.006	1.706
46	7.261	0.224		0.521	12.528	1.725
47	7.484	0.223		0.528	13.055	1.744
48	7.706	0.222		0.534	13.589	1.763
49	7.926	0.220	0.224	0.539	14.129	1.783
50	8.145	0.218		0.545	14.673	1.802
51	8.361	0.216		0.549	15.223	1.821
52	8.575	0.214		0.554	15.777	1.840
53	8.788	0.212		0.558	16.335	1.859
54	8.997	0.210		0.562	16.896	1.878
55	9.204	0.207		0.565	17.461	1.897
56	9.409	0.205	0.212	0.568	18.029	1.916
57	9.611	0.202		0.570	18.599	1.935
58	9.810	0.199		0.572	19.171	1.954
59	10.006	0.196		0.574	19.745	1.973
60	10.199	0.193		0.576	20.321	1.993
61	10.388	0.190		0.577	20.898	2.012
62	10.575	0.187		0.577	21.475	2.031
63	10.758	0.183	0.193	0.578	22.053	2.050
64	10.938	0.180		0.578	22.631	2.069
65	11.114	0.176		0.578	23.208	2.088
66	11.287	0.173		0.577	23.785	2.107
67	11.457	0.169		0.576	24.362	2.126
68	11.623	0.166		0.575	24.936	2.146
69	11.785	0.162		0.573	25.510	2.165
70	11.943	0.158	0.169	0.571	26.081	2.184

<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	Body 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	0.093					
1	0.124	0.032		0.028	0.028	0.222
2	0.157	0.033		0.035	0.062	0.396
3	0.195	0.037		0.041	0.104	0.532
4	0.237	0.042		0.048	0.152	0.640
5	0.285	0.048		0.055	0.207	0.727
6	0.338	0.053		0.063	0.270	0.797
7	0.398	0.059	0.044	0.070	0.340	0.855
8	0.463	0.065		0.079	0.419	0.904
9	0.535	0.072		0.087	0.506	0.946
10	0.613	0.078		0.096	0.602	0.982
11	0.697	0.084		0.105	0.707	1.015
12	0.788	0.091		0.115	0.823	1.044
13	0.885	0.097		0.125	0.948	1.071
14	0.988	0.103	0.084	0.136	1.084	1.097
15	1.098	0.109		0.146	1.230	1.121
16	1.213	0.115		0.157	1.387	1.144
17	1.334	0.121		0.168	1.556	1.166
18	1.461	0.127		0.180	1.736	1.188
19	1.593	0.132		0.191	1.927	1.209
20	1.730	0.137		0.202	2.129	1.231
21	1.872	0.142	0.126	0.214	2.343	1.251
22	2.018	0.146		0.225	2.568	1.272
23	2.169	0.151		0.236	2.804	1.293
24	2.323	0.154		0.247	3.051	1.313
25	2.481	0.158		0.258	3.310	1.334
26	2.643	0.161		0.269	3.579	1.354
27	2.807	0.164		0.280	3.859	1.375
28	2.974	0.167	0.157	0.290	4.149	1.395
29	3.143	0.169		0.300	4.449	1.415
30	3.315	0.172		0.310	4.760	1.436
31	3.489	0.173		0.320	5.080	1.456
32	3.664	0.175		0.330	5.409	1.477
33	3.840	0.176		0.339	5.748	1.497
34	4.017	0.177		0.348	6.096	1.517
35	4.196	0.178	0.175	0.356	6.452	1.538
36	4.375	0.179		0.365	6.817	1.558
37	4.554	0.179		0.373	7.190	1.579
38	4.734	0.180		0.381	7.570	1.599
39	4.914	0.180		0.388	7.959	1.620
40	5.094	0.180		0.395	8.354	1.640
41	5.273	0.179		0.402	8.756	1.661
42	5.452	0.179	0.179	0.409	9.166	1.681
43	5.631	0.178		0.416	9.581	1.702
44	5.808	0.178		0.422	10.003	1.722
45	5.985	0.177		0.428	10.430	1.743
46	6.161	0.176		0.433	10.864	1.763
47	6.336	0.175		0.438	11.302	1.784
48	6.509	0.173		0.443	11.745	1.804
49	6.681	0.172	0.176	0.448	12.193	1.825
50	6.851	0.170		0.452	12.645	1.846
51	7.020	0.169		0.456	13.101	1.866
52	7.187	0.167		0.460	13.561	1.887
53	7.351	0.165		0.463	14.024	1.908
54	7.514	0.163		0.465	14.489	1.928
55	7.674	0.160		0.468	14.957	1.949
56	7.832	0.158	0.164	0.470	15.426	1.970
57	7.987	0.155		0.471	15.897	1.990
58	8.140	0.152		0.472	16.369	2.011
59	8.289	0.149		0.472	16.842	2.032
60	8.435	0.146		0.472	17.314	2.053
61	8.578	0.143		0.471	17.785	2.073
62	8.718	0.140		0.470	18.256	2.094
63	8.854	0.136	0.146	0.469	18.724	2.115
64	8.986	0.132		0.466	19.190	2.136
65	9.114	0.128		0.463	19.653	2.156
66	9.239	0.124		0.460	20.113	2.177
67	9.359	0.120		0.456	20.569	2.198
68	9.474	0.116		0.451	21.020	2.219
69	9.585	0.111		0.446	21.467	2.240
70	9.692	0.107	0.120	0.441	21.907	2.260

<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.

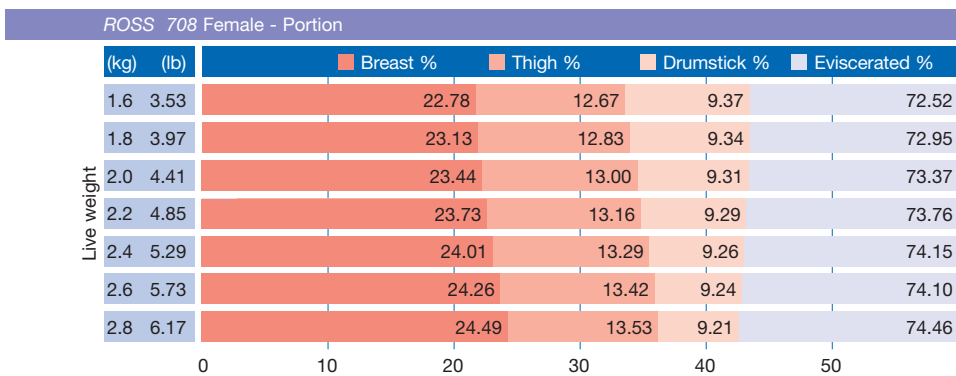
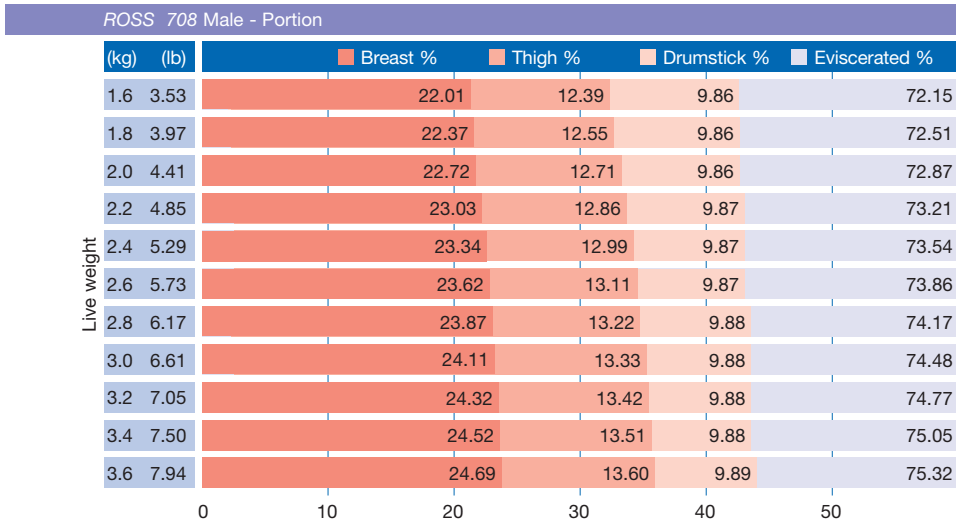
*Notes*

A series of horizontal dotted lines spanning the width of the page, intended for handwritten notes.

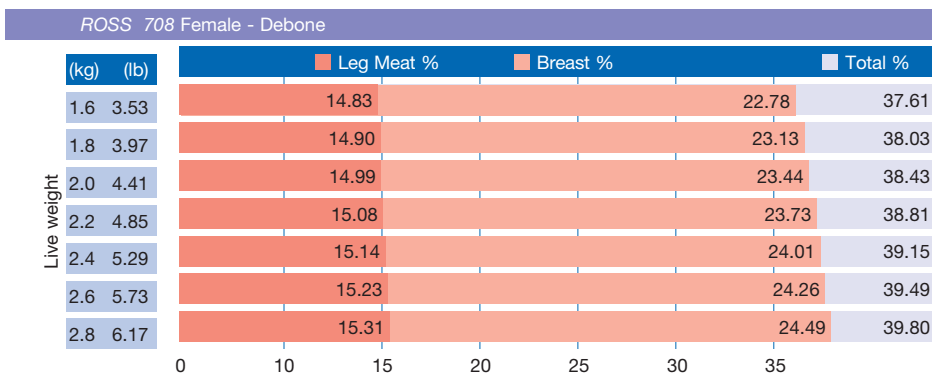
# ROSS 708 BROILER: Performance Objectives

## 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.



# ROSS 708 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 (with skin and bone removed) as a percentage of live weight.
- Thigh/Drumstick %** whole thigh/drumstick (with skin and bone in) 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.*

*Notes*

A series of horizontal dotted lines for taking notes.

Notes

A series of horizontal dashed lines for taking notes, filling most of the page area.



[www.aviagen.com](http://www.aviagen.com)

Every attempt has been made to ensure the accuracy and relevance of the information presented. However, Aviagen accepts no liability for the consequences of using the information for the management of chickens.

For further information on the management of Ross stock, please contact your local Technical Service Manager or the Technical Services Department.

Aviagen and the Aviagen logo, and Ross and the Ross logo are registered trademarks of Aviagen in the US and other countries. All other trademarks or brands are registered by their respective owners.