



*BROILER*  
*Performance*  
*Objectives*

*2012*



**ROSS**  
An Aviagen Brand

## *Introduction*

This booklet contains the performance objectives for *Ross 308 Broiler* and is to be used with the *Ross Broiler Management Manual*.

## *Performance*

These objectives indicate the performance achievable under good management and environmental conditions and when feeding nutrient levels described in the *Ross 308 Broiler Nutrition Specification*.

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.

The objectives are presented in two sections to reflect the global nature of the publication. **Section g** contains the performance data in metric measurement and **Section 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 de-boning) 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

04		<i>Key Management Points</i>
06-07	Section <b>g</b>	<i>As-Hatched Performance</i>
08-09	Section <b>g</b>	<i>Male Performance</i>
10-11	Section <b>g</b>	<i>Female Performance</i>
14-15	Section <b>lb</b>	<i>As-Hatched Performance</i>
16-17	Section <b>lb</b>	<i>Male Performance</i>
18-19	Section <b>lb</b>	<i>Female Performance</i>
20-21		<i>Carcass Yield</i>

### *Key Management Points*

The Ross 308 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 308 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 growout 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.

*Contents (g)*

06-07 **Section g** *As-Hatched Performance*

08-09 **Section g** *Male Performance*

10-11 **Section g** *Female Performance*

## 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		13	13	0.237
2	72	15		17	30	0.419
3	89	18		20	50	0.561
4	109	20		23	73	0.673
5	132	23		27	100	0.762
6	157	25		31	131	0.834
7	185	28	20.48	35	166	0.893
8	217	31		39	204	0.942
9	251	35		43	247	0.984
10	289	38		48	295	1.021
11	330	41		53	348	1.053
12	375	44		58	406	1.083
13	422	48		63	469	1.110
14	473	51	41.12	69	538	1.136
15	527	54		74	612	1.160
16	585	57		80	692	1.183
17	645	60		86	778	1.206
18	709	63		92	870	1.228
19	775	66		98	968	1.249
20	844	69		104	1072	1.270
21	916	72	63.19	110	1182	1.291
22	990	74		116	1298	1.312
23	1066	77		122	1421	1.332
24	1145	79		128	1549	1.353
25	1226	81		134	1684	1.373
26	1309	83		140	1824	1.394
27	1393	85		146	1970	1.414
28	1479	86	80.55	152	2122	1.434
29	1567	88		157	2279	1.455
30	1656	89		163	2442	1.475
31	1746	90		168	2610	1.495
32	1836	91		173	2783	1.515
33	1928	92		178	2961	1.536
34	2020	92		183	3144	1.556
35	2113	93	90.56	187	3331	1.576

## As-Hatched Performance continued

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>
36	2207	93		192	3523	1.597
37	2300	94		196	3719	1.617
38	2394	94		200	3919	1.637
39	2488	94		204	4123	1.658
40	2581	94		208	4331	1.678
41	2675	94		211	4543	1.698
42	2768	93	93.57	215	4757	1.719
43	2861	93		218	4975	1.739
44	2954	93		221	5196	1.759
45	3046	92		224	5420	1.780
46	3137	91		227	5647	1.800
47	3228	91		229	5876	1.820
48	3318	90		231	6107	1.841
49	3407	89	91.22	233	6341	1.861
50	3495	88		235	6576	1.882
51	3582	87		237	6813	1.902
52	3669	86		239	7052	1.922
53	3754	85		240	7293	1.943
54	3838	84		241	7534	1.963
55	3920	83		243	7776	1.984
56	4002	81	84.96	243	8020	2.004
57	4082	80		244	8264	2.025
58	4160	79		244	8508	2.045
59	4238	77		245	8753	2.066
60	4313	76		245	8998	2.086
61	4388	74		245	9242	2.107
62	4460	73		244	9487	2.127
63	4531	71	75.64	244	9730	2.147
64	4600	69		243	9973	2.168
65	4668	67		242	10216	2.189
66	4733	66		241	10456	2.209
67	4797	64		240	10696	2.230
68	4859	62		238	10934	2.250
69	4919	60		236	11170	2.271
70	4978	58	63.80	234	11405	2.291

### NOTES

<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

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	0.217
2	71	15		16	28	0.390
3	89	18		19	47	0.529
4	109	20		23	70	0.641
5	132	23		27	96	0.732
6	157	26		31	127	0.808
7	186	29	20.54	35	162	0.871
8	218	32		39	201	0.924
9	253	35		44	245	0.969
10	291	39		49	294	1.009
11	333	42		54	348	1.044
12	379	46		60	408	1.076
13	428	49		65	473	1.105
14	481	53	42.11	71	544	1.132
15	537	56		77	621	1.157
16	596	60		83	704	1.181
17	660	63		90	794	1.203
18	726	67		96	890	1.226
19	796	70		103	993	1.247
20	869	73		109	1102	1.268
21	945	76	66.42	116	1219	1.289
22	1025	79		123	1342	1.309
23	1107	82		130	1471	1.329
24	1191	85		136	1608	1.350
25	1278	87		143	1751	1.369
26	1368	89		150	1900	1.389
27	1459	92		156	2056	1.409
28	1553	94	86.81	163	2219	1.429
29	1649	95		169	2388	1.448
30	1746	97		175	2563	1.468
31	1844	99		181	2744	1.488
32	1944	100		187	2930	1.507
33	2045	101		192	3122	1.527
34	2147	102		198	3320	1.546
35	2250	103	99.56	203	3523	1.566



## Male Performance continued

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>
36	2353	103		208	3731	1.585
37	2457	104		213	3944	1.605
38	2562	104		217	4161	1.624
39	2666	104		222	4383	1.644
40	2771	105		226	4609	1.664
41	2875	104		230	4839	1.683
42	2979	104	104.21	234	5073	1.703
43	3083	104		237	5310	1.722
44	3187	104		241	5551	1.742
45	3290	103		244	5795	1.761
46	3393	102		247	6041	1.781
47	3494	102		250	6291	1.800
48	3595	101		252	6543	1.820
49	3695	100	102.28	254	6797	1.839
50	3795	99		257	7054	1.859
51	3893	98		259	7313	1.879
52	3990	97		260	7573	1.898
53	4086	96		262	7835	1.918
54	4180	95		263	8098	1.937
55	4274	93		265	8363	1.957
56	4366	92	95.79	266	8629	1.976
57	4457	91		267	8895	1.996
58	4546	89		267	9163	2.016
59	4634	88		268	9431	2.035
60	4721	87		268	9699	2.055
61	4806	85		269	9968	2.074
62	4889	83		269	10237	2.094
63	4971	82	86.43	269	10506	2.113
64	5051	80		269	10775	2.133
65	5130	79		268	11043	2.153
66	5207	77		268	11311	2.172
67	5282	75		267	11578	2.192
68	5356	74		267	11845	2.211
69	5428	72		266	12110	2.231
70	5498	70	75.35	265	12375	2.251

### NOTES

<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

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		14	14	0.257
2	72	15		18	32	0.449
3	89	18		21	53	0.594
4	109	20		24	77	0.705
5	132	23		27	104	0.791
6	157	25		31	135	0.860
7	185	28	20.42	34	169	0.915
8	216	31		38	208	0.960
9	250	34		42	250	0.999
10	287	37		47	297	1.033
11	327	40		51	348	1.063
12	371	43		56	404	1.090
13	417	46		61	465	1.116
14	466	49	40.13	66	531	1.140
15	518	52		71	603	1.163
16	573	55		77	679	1.186
17	631	58		82	762	1.208
18	691	60		88	849	1.229
19	753	63		93	942	1.251
20	818	65		99	1041	1.272
21	886	67	59.96	104	1145	1.293
22	955	69		110	1255	1.314
23	1026	71		115	1370	1.335
24	1099	73		120	1491	1.356
25	1174	75		126	1616	1.377
26	1250	76		131	1747	1.398
27	1327	77		136	1883	1.419
28	1406	79	74.29	141	2024	1.440
29	1485	80		146	2170	1.461
30	1566	80		150	2320	1.482
31	1647	81		155	2475	1.503
32	1729	82		159	2634	1.524
33	1811	82		163	2798	1.545
34	1894	83		168	2965	1.566
35	1977	83	81.56	171	3137	1.587

## Female Performance continued

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>
36	2060	83		175	3312	1.608
37	2143	83		179	3491	1.629
38	2226	83		182	3673	1.650
39	2309	83		186	3859	1.671
40	2392	83		189	4048	1.692
41	2475	83		192	4240	1.713
42	2557	82	82.94	195	4435	1.734
43	2639	82		198	4633	1.756
44	2721	81		201	4834	1.777
45	2802	81		203	5037	1.798
46	2882	80		205	5243	1.819
47	2961	80		208	5450	1.840
48	3040	79		210	5660	1.862
49	3118	78	80.16	212	5872	1.883
50	3196	77		213	6085	1.904
51	3272	76		215	6300	1.925
52	3347	75		216	6516	1.947
53	3422	74		217	6733	1.968
54	3495	73		218	6952	1.989
55	3567	72		219	7171	2.011
56	3637	71	74.13	220	7391	2.032
57	3707	69		220	7611	2.053
58	3775	68		220	7831	2.075
59	3841	67		220	8051	2.096
60	3906	65		220	8271	2.117
61	3970	63		219	8490	2.139
62	4031	62		218	8708	2.160
63	4091	60	64.84	217	8925	2.182
64	4149	58		216	9141	2.203
65	4206	56		214	9355	2.224
66	4260	54		212	9567	2.246
67	4312	52		210	9777	2.267
68	4363	50		208	9985	2.289
69	4411	48		205	10190	2.310
70	4457	46	52.25	202	10392	2.332

### NOTES

<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

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 taking notes.

## Contents

- 14-15    **Section lb**    *As-Hatched Performance*
- 16-17    **Section lb**    *Male Performance*
- 18-19    **Section lb**    *Female Performance*

## 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	0.031		0.029	0.029	0.237
2	0.158	0.034		0.037	0.066	0.419
3	0.196	0.039		0.044	0.110	0.561
4	0.240	0.044		0.052	0.162	0.673
5	0.290	0.050		0.059	0.221	0.762
6	0.346	0.056		0.068	0.289	0.834
7	0.409	0.063	0.045	0.076	0.365	0.893
8	0.478	0.069		0.085	0.450	0.942
9	0.554	0.076		0.095	0.546	0.984
10	0.638	0.083		0.105	0.651	1.021
11	0.728	0.091		0.116	0.767	1.053
12	0.826	0.098		0.127	0.895	1.083
13	0.931	0.105		0.139	1.034	1.110
14	1.043	0.112	0.091	0.151	1.185	1.136
15	1.163	0.119		0.164	1.349	1.160
16	1.289	0.126		0.176	1.525	1.183
17	1.422	0.133		0.189	1.715	1.206
18	1.562	0.140		0.203	1.917	1.228
19	1.708	0.146		0.216	2.133	1.249
20	1.860	0.152		0.230	2.363	1.270
21	2.019	0.158	0.139	0.243	2.606	1.291
22	2.182	0.164		0.257	2.862	1.312
23	2.351	0.169		0.270	3.132	1.332
24	2.525	0.174		0.283	3.416	1.353
25	2.703	0.178		0.296	3.712	1.373
26	2.886	0.182		0.309	4.021	1.394
27	3.072	0.186		0.322	4.343	1.414
28	3.262	0.190	0.178	0.335	4.678	1.434
29	3.455	0.193		0.347	5.025	1.455
30	3.650	0.196		0.359	5.384	1.475
31	3.848	0.198		0.370	5.754	1.495
32	4.049	0.200		0.382	6.135	1.515
33	4.251	0.202		0.392	6.528	1.536
34	4.454	0.204		0.403	6.931	1.556
35	4.659	0.205	0.200	0.413	7.344	1.576

## As-Hatched Performance continued

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>
36	4.865	0.206		0.423	7.767	1.597
37	5.071	0.206		0.432	8.199	1.617
38	5.278	0.207		0.441	8.641	1.637
39	5.485	0.207		0.450	9.091	1.658
40	5.691	0.207		0.458	9.549	1.678
41	5.897	0.206		0.466	10.015	1.698
42	6.103	0.206	0.206	0.473	10.488	1.719
43	6.308	0.205		0.481	10.969	1.739
44	6.512	0.204		0.487	11.456	1.759
45	6.715	0.203		0.494	11.950	1.780
46	6.916	0.201		0.499	12.449	1.800
47	7.116	0.200		0.505	12.954	1.820
48	7.314	0.198		0.510	13.464	1.841
49	7.511	0.196	0.201	0.515	13.979	1.861
50	7.705	0.194		0.519	14.498	1.882
51	7.898	0.192		0.523	15.021	1.902
52	8.088	0.190		0.527	15.547	1.922
53	8.275	0.188		0.530	16.077	1.943
54	8.460	0.185		0.532	16.609	1.963
55	8.643	0.182		0.535	17.144	1.984
56	8.822	0.180	0.187	0.537	17.681	2.004
57	8.999	0.177		0.538	18.219	2.025
58	9.172	0.173		0.539	18.757	2.045
59	9.342	0.170		0.540	19.297	2.066
60	9.509	0.167		0.540	19.837	2.086
61	9.673	0.164		0.539	20.376	2.107
62	9.833	0.160		0.539	20.915	2.127
63	9.989	0.156	0.167	0.537	21.452	2.147
64	10.142	0.153		0.536	21.988	2.168
65	10.291	0.149		0.534	22.521	2.189
66	10.435	0.145		0.531	23.052	2.209
67	10.576	0.141		0.528	23.580	2.230
68	10.713	0.137		0.525	24.105	2.250
69	10.846	0.133		0.521	24.626	2.271
70	10.974	0.128	0.141	0.517	25.143	2.291

### NOTES

<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

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	0.031		0.027	0.027	0.217
2	0.157	0.034		0.035	0.061	0.390
3	0.196	0.039		0.042	0.104	0.529
4	0.240	0.044		0.050	0.154	0.641
5	0.290	0.050		0.059	0.212	0.732
6	0.346	0.056		0.067	0.280	0.808
7	0.410	0.063	0.045	0.077	0.357	0.871
8	0.480	0.070		0.087	0.443	0.924
9	0.557	0.077		0.097	0.540	0.969
10	0.642	0.085		0.108	0.648	1.009
11	0.735	0.093		0.119	0.767	1.044
12	0.835	0.100		0.131	0.898	1.076
13	0.943	0.108		0.144	1.042	1.105
14	1.059	0.116	0.093	0.157	1.199	1.132
15	1.183	0.124		0.170	1.369	1.157
16	1.315	0.132		0.184	1.552	1.181
17	1.454	0.139		0.198	1.750	1.203
18	1.601	0.147		0.212	1.962	1.226
19	1.755	0.154		0.227	2.189	1.247
20	1.916	0.161		0.241	2.430	1.268
21	2.084	0.168	0.146	0.256	2.686	1.289
22	2.259	0.174		0.271	2.958	1.309
23	2.440	0.181		0.286	3.243	1.329
24	2.626	0.187		0.301	3.544	1.350
25	2.818	0.192		0.315	3.859	1.369
26	3.016	0.197		0.330	4.189	1.389
27	3.218	0.202		0.344	4.534	1.409
28	3.424	0.206	0.191	0.358	4.892	1.429
29	3.634	0.210		0.372	5.264	1.448
30	3.849	0.214		0.386	5.650	1.468
31	4.066	0.217		0.399	6.048	1.488
32	4.286	0.220		0.412	6.460	1.507
33	4.509	0.223		0.424	6.884	1.527
34	4.734	0.225		0.436	7.320	1.546
35	4.960	0.227	0.219	0.447	7.767	1.566



## Male Performance continued

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>
36	5.188	0.228		0.458	8.225	1.585
37	5.418	0.229		0.469	8.695	1.605
38	5.647	0.230		0.479	9.174	1.624
39	5.878	0.230		0.489	9.663	1.644
40	6.108	0.230		0.498	10.161	1.664
41	6.339	0.230		0.507	10.668	1.683
42	6.569	0.230	0.230	0.515	11.183	1.703
43	6.798	0.229		0.523	11.707	1.722
44	7.026	0.228		0.531	12.237	1.742
45	7.253	0.227		0.538	12.775	1.761
46	7.479	0.226		0.544	13.319	1.781
47	7.704	0.224		0.550	13.869	1.800
48	7.926	0.223		0.556	14.425	1.820
49	8.147	0.221	0.225	0.561	14.986	1.839
50	8.365	0.219		0.566	15.551	1.859
51	8.582	0.216		0.570	16.121	1.879
52	8.796	0.214		0.574	16.695	1.898
53	9.007	0.211		0.578	17.273	1.918
54	9.216	0.209		0.581	17.853	1.937
55	9.422	0.206		0.584	18.437	1.957
56	9.625	0.203	0.211	0.586	19.023	1.976
57	9.825	0.200		0.588	19.611	1.996
58	10.022	0.197		0.590	20.200	2.016
59	10.216	0.194		0.591	20.791	2.035
60	10.407	0.191		0.592	21.383	2.055
61	10.594	0.187		0.593	21.976	2.074
62	10.778	0.184		0.593	22.569	2.094
63	10.959	0.181	0.191	0.593	23.161	2.113
64	11.136	0.177		0.592	23.754	2.133
65	11.309	0.173		0.592	24.345	2.153
66	11.479	0.170		0.591	24.936	2.172
67	11.646	0.166		0.589	25.525	2.192
68	11.808	0.163		0.588	26.113	2.211
69	11.967	0.159		0.586	26.699	2.231
70	12.122	0.155	0.166	0.583	27.282	2.251

### NOTES

<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

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	0.031		0.032	0.032	0.257
2	0.158	0.034		0.039	0.071	0.449
3	0.197	0.039		0.046	0.117	0.594
4	0.241	0.044		0.053	0.170	0.705
5	0.290	0.050		0.060	0.230	0.791
6	0.346	0.056		0.068	0.297	0.860
7	0.408	0.062	0.045	0.076	0.373	0.915
8	0.477	0.068		0.084	0.458	0.960
9	0.552	0.075		0.093	0.551	0.999
10	0.633	0.082		0.103	0.654	1.033
11	0.722	0.088		0.113	0.767	1.063
12	0.817	0.095		0.124	0.891	1.090
13	0.919	0.102		0.135	1.025	1.116
14	1.027	0.108	0.088	0.146	1.171	1.140
15	1.142	0.115		0.157	1.329	1.163
16	1.263	0.121		0.169	1.498	1.186
17	1.390	0.127		0.181	1.679	1.208
18	1.523	0.133		0.193	1.872	1.229
19	1.661	0.138		0.205	2.078	1.251
20	1.804	0.143		0.218	2.295	1.272
21	1.953	0.148	0.132	0.230	2.525	1.293
22	2.105	0.153		0.242	2.767	1.314
23	2.262	0.157		0.254	3.021	1.335
24	2.423	0.161		0.266	3.287	1.356
25	2.588	0.164		0.277	3.564	1.377
26	2.755	0.168		0.289	3.852	1.398
27	2.926	0.171		0.300	4.152	1.419
28	3.099	0.173	0.164	0.310	4.462	1.440
29	3.275	0.175		0.321	4.783	1.461
30	3.452	0.177		0.331	5.115	1.482
31	3.631	0.179		0.341	5.456	1.503
32	3.811	0.180		0.351	5.807	1.524
33	3.993	0.181		0.360	6.167	1.545
34	4.175	0.182		0.369	6.537	1.566
35	4.358	0.183	0.180	0.378	6.915	1.587

## Female Performance continued

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>
36	4.541	0.183		0.386	7.301	1.608
37	4.725	0.183		0.395	7.696	1.629
38	4.908	0.183		0.402	8.098	1.650
39	5.091	0.183		0.410	8.508	1.671
40	5.274	0.183		0.417	8.925	1.692
41	5.456	0.182		0.424	9.348	1.713
42	5.638	0.181	0.183	0.430	9.778	1.734
43	5.818	0.181		0.436	10.215	1.756
44	5.998	0.180		0.442	10.657	1.777
45	6.176	0.178		0.448	11.105	1.798
46	6.353	0.177		0.453	11.558	1.819
47	6.529	0.176		0.458	12.016	1.840
48	6.703	0.174		0.462	12.478	1.862
49	6.875	0.172	0.177	0.467	12.944	1.883
50	7.045	0.170		0.470	13.415	1.904
51	7.213	0.168		0.474	13.888	1.925
52	7.379	0.166		0.477	14.365	1.947
53	7.543	0.164		0.479	14.845	1.968
54	7.704	0.161		0.481	15.326	1.989
55	7.863	0.159		0.483	15.809	2.011
56	8.019	0.156	0.163	0.484	16.294	2.032
57	8.172	0.153		0.485	16.779	2.053
58	8.322	0.150		0.485	17.264	2.075
59	8.468	0.147		0.485	17.749	2.096
60	8.612	0.143		0.484	18.234	2.117
61	8.751	0.140		0.483	18.717	2.139
62	8.887	0.136		0.481	19.198	2.160
63	9.020	0.132	0.143	0.479	19.676	2.182
64	9.148	0.128		0.476	20.152	2.203
65	9.272	0.124		0.472	20.624	2.224
66	9.392	0.120		0.468	21.091	2.246
67	9.507	0.115		0.463	21.555	2.267
68	9.618	0.111		0.458	22.012	2.289
69	9.724	0.106		0.452	22.465	2.310
70	9.826	0.102	0.115	0.446	22.910	2.332

### NOTES

<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

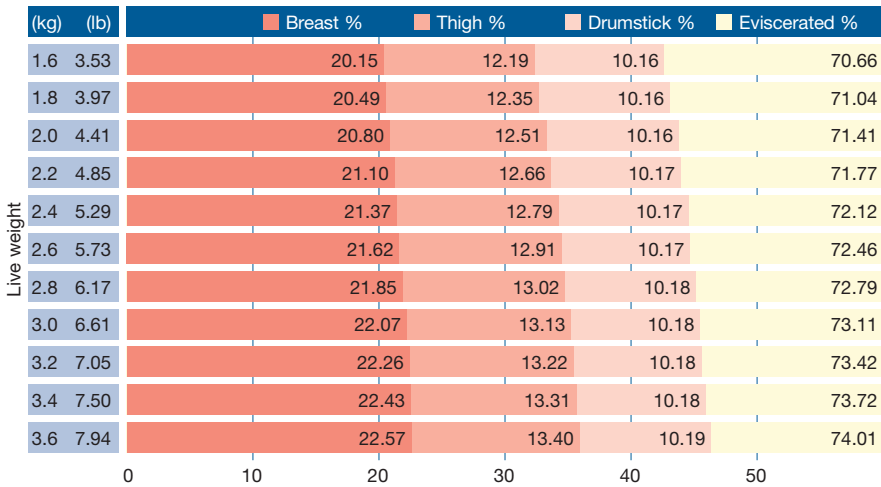
In the table values are rounded, this may result in small inaccuracies when using the objectives to calculate other performance statistics.

# ROSS 308 BROILER: Performance Objectives

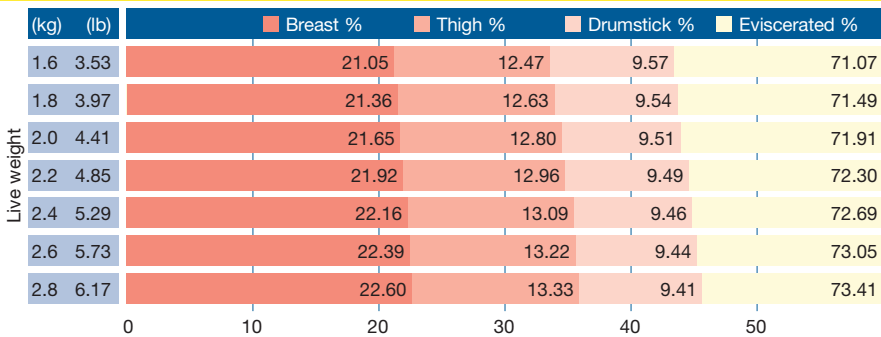
## Carcass Yield

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 308 Male - Portion

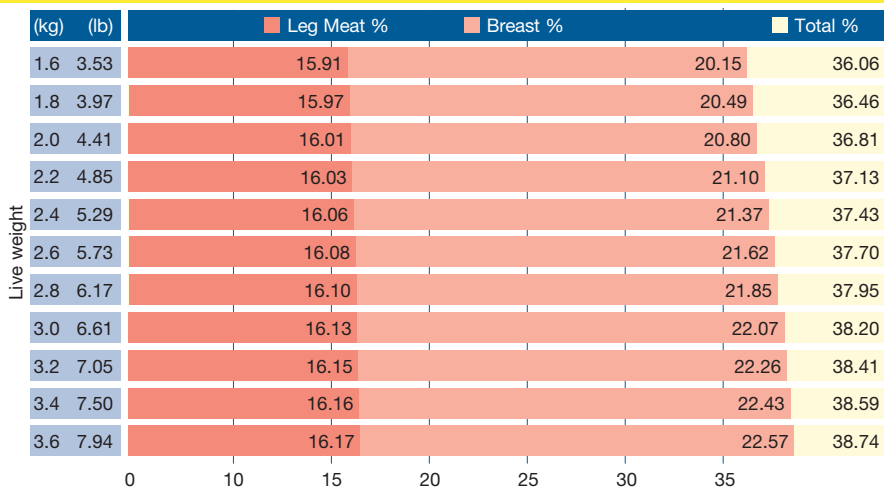


ROSS 308 Female - Portion

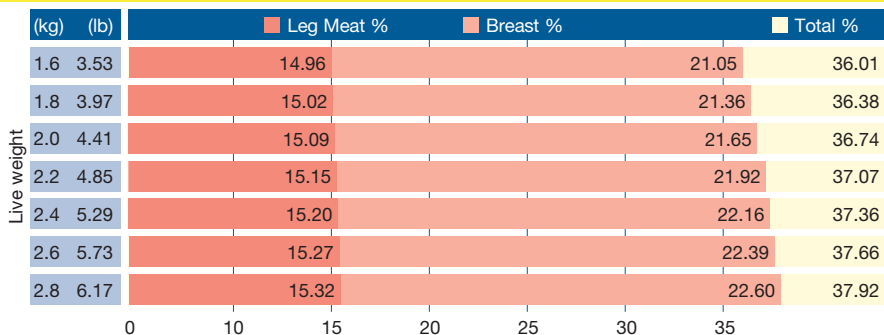


# ROSS 308 BROILER: Performance Objectives

## ROSS 308 Male - Debone



## ROSS 308 Female - Debone



### Definitions of terms:

- Viscerated %**      eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.
- Breast %**            breast meat (without 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 providing a space for handwritten notes.

*Notes*

A series of horizontal dotted lines for taking notes.



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.