

BROUILLER

ROSS 308 AP

Performance
Objectives

2017



Introduction

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

Performance

Poultry production is a global activity but across the world there are differing management strategies adapted to local conditions.

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

Producers may find that local factors prevent such performance from 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 deboning) and the exact portion being produced.

For further information on the management of Ross stock, please contact your local Ross representative.

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Key Management Points

The Ross 308 AP 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 AP 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) ¹	Body Weight (kg) ¹	Daily Gain (g)	Av. Daily Gain/Week (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	43	0.043					
1	55	0.055	12		14	14	0.259
2	70	0.070	15		17	32	0.450
3	88	0.088	18		20	51	0.583
4	109	0.109	21		23	74	0.678
5	132	0.132	24		26	99	0.750
6	159	0.159	27		29	129	0.808
7	189	0.189	30	20.88	33	162	0.855
8	222	0.222	33		37	199	0.895
9	259	0.259	36		42	241	0.932
10	298	0.298	39		47	288	0.966
11	340	0.340	43		52	340	0.997
12	386	0.386	46		57	397	1.027
13	435	0.435	49		62	459	1.054
14	488	0.488	52	42.68	68	527	1.081
15	544	0.544	56		74	601	1.105
16	603	0.603	59		80	681	1.129
17	666	0.666	63		86	766	1.151
18	732	0.732	66		91	858	1.171
19	802	0.802	70		97	955	1.190
20	875	0.875	73		103	1057	1.208
21	951	0.951	76	66.18	110	1167	1.227
22	1030	1.030	79		117	1284	1.247
23	1111	1.111	81		123	1407	1.267
24	1194	1.194	83		128	1535	1.286
25	1280	1.280	86		134	1669	1.305
26	1368	1.368	88		140	1810	1.323
27	1457	1.457	89		146	1956	1.342
28	1549	1.549	92	85.35	152	2108	1.361
29	1642	1.642	94		158	2265	1.380
30	1737	1.737	95		164	2429	1.399
31	1833	1.833	96		169	2598	1.418
32	1930	1.930	97		174	2772	1.437
33	2027	2.027	98		179	2952	1.456
34	2126	2.126	98		184	3136	1.475
35	2225	2.225	99	96.61	189	3325	1.495
36	2324	2.324	99		193	3519	1.514
37	2424	2.424	99		197	3716	1.533
38	2523	2.523	100		202	3917	1.553
39	2623	2.623	100		206	4123	1.572
40	2722	2.722	99		209	4332	1.591
41	2821	2.821	99		213	4545	1.611
42	2920	2.920	99	99.29	216	4761	1.631
43	3018	3.018	98		219	4981	1.650
44	3115	3.115	97		222	5203	1.670
45	3211	3.211	96		225	5428	1.690
46	3307	3.307	95		227	5655	1.710
47	3401	3.401	94		230	5885	1.731
48	3493	3.493	93		232	6116	1.751
49	3584	3.584	91	94.94	233	6350	1.771
50	3674	3.674	90		235	6585	1.792
51	3763	3.763	88		236	6821	1.813
52	3849	3.849	87		238	7059	1.834
53	3934	3.934	85		239	7297	1.855
54	4017	4.017	83		240	7537	1.876
55	4097	4.097	81		240	7777	1.898
56	4176	4.176	79	84.52	241	8018	1.920
57	4252	4.252	76		241	8259	1.942
58	4326	4.326	74		242	8501	1.965
59	4397	4.397	71		242	8743	1.988
60	4465	4.465	68		242	8985	2.012
61	4531	4.531	66		242	9227	2.036
62	4594	4.594	63		242	9468	2.061
63	4655	4.655	61	68.36	242	9710	2.086
64	4712	4.712	57		241	9951	2.112
65	4766	4.766	54		241	10193	2.139
66	4817	4.817	51		241	10433	2.166
67	4865	4.865	48		241	10674	2.194
68	4909	4.909	45		240	10914	2.223
69	4951	4.951	42		240	11154	2.253
70	4990	4.990	39	47.84	240	11394	2.284

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

²Feed consumption per living bird.

³FCR 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) ¹	Body Weight (kg) ¹	Daily Gain (g)	Av. Daily Gain/Week (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	43	0.043					
1	55	0.055	12		13	13	0.242
2	70	0.070	15		16	30	0.424
3	88	0.088	18		19	49	0.553
4	109	0.109	21		22	71	0.649
5	133	0.133	24		25	96	0.723
6	160	0.160	27		29	125	0.783
7	190	0.190	30	21.03	33	159	0.834
8	224	0.224	33		38	197	0.879
9	260	0.260	37		43	239	0.919
10	300	0.300	40		48	287	0.956
11	343	0.343	43		53	340	0.991
12	390	0.390	47		59	399	1.023
13	440	0.440	50		65	463	1.053
14	494	0.494	54	43.38	71	534	1.082
15	551	0.551	57		77	611	1.108
16	612	0.612	61		83	694	1.134
17	677	0.677	65		89	784	1.157
18	746	0.746	69		96	879	1.179
19	818	0.818	72		102	981	1.199
20	895	0.895	76		108	1089	1.217
21	975	0.975	80	68.68	118	1207	1.238
22	1057	1.057	83		124	1330	1.258
23	1143	1.143	85		130	1460	1.277
24	1231	1.231	88		136	1596	1.296
25	1321	1.321	91		142	1737	1.315
26	1414	1.414	93		148	1885	1.333
27	1509	1.509	95		154	2039	1.352
28	1606	1.606	97	90.22	160	2200	1.369
29	1706	1.706	100		166	2366	1.387
30	1808	1.808	101		172	2538	1.404
31	1911	1.911	103		178	2716	1.422
32	2015	2.015	104		184	2900	1.439
33	2121	2.121	106		190	3090	1.457
34	2228	2.228	107		195	3285	1.474
35	2336	2.336	108	104.20	200	3485	1.492
36	2444	2.444	109		206	3691	1.510
37	2553	2.553	109		211	3902	1.528
38	2663	2.663	110		215	4117	1.546
39	2773	2.773	110		220	4337	1.564
40	2883	2.883	110		225	4562	1.582
41	2993	2.993	110		229	4790	1.601
42	3103	3.103	110	109.60	233	5023	1.619
43	3212	3.212	109		236	5260	1.637
44	3321	3.321	109		240	5499	1.656
45	3430	3.430	108		243	5743	1.674
46	3537	3.537	107		246	5989	1.693
47	3643	3.643	106		249	6238	1.712
48	3749	3.749	105		252	6490	1.731
49	3852	3.852	104	107.08	254	6744	1.750
50	3955	3.955	102		256	7000	1.770
51	4056	4.056	101		258	7258	1.790
52	4154	4.154	99		260	7518	1.810
53	4251	4.251	97		261	7779	1.830
54	4346	4.346	95		263	8041	1.850
55	4439	4.439	92		264	8305	1.871
56	4529	4.529	90	96.64	265	8570	1.892
57	4617	4.617	88		266	8835	1.914
58	4702	4.702	85		266	9102	1.936
59	4784	4.784	82		267	9368	1.958
60	4863	4.863	79		267	9635	1.981
61	4939	4.939	76		267	9903	2.005
62	5011	5.011	72		267	10170	2.030
63	5080	5.080	69	78.71	268	10437	2.055
64	5145	5.145	65		268	10705	2.081
65	5207	5.207	61		267	10972	2.107
66	5264	5.264	57		267	11240	2.135
67	5317	5.317	53		267	11507	2.164
68	5366	5.366	49		267	11774	2.194
69	5411	5.411	45		267	12041	2.225
70	5451	5.451	41	53.07	267	12308	2.258

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

²Feed consumption per living bird.

³FCR 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) ¹	Body Weight (kg) ¹	Daily Gain (g)	Av. Daily Gain/Week (g)	Daily Intake (g)	Cum. Intake (g) ²	FCR ³
0	43	0.043					
1	55	0.055	12		15	15	0.277
2	70	0.070	15		18	33	0.477
3	88	0.088	18		20	54	0.613
4	108	0.108	21		23	77	0.708
5	132	0.132	24		26	103	0.778
6	158	0.158	27		29	132	0.833
7	188	0.188	30	20.72	33	165	0.877
8	221	0.221	33		37	202	0.911
9	257	0.257	36		41	243	0.945
10	296	0.296	39		46	289	0.976
11	338	0.338	42		50	339	1.004
12	383	0.383	45		55	394	1.031
13	431	0.431	48		60	455	1.056
14	482	0.482	51	41.98	66	520	1.079
15	536	0.536	54		71	591	1.102
16	594	0.594	58		76	667	1.123
17	655	0.655	61		82	749	1.144
18	719	0.719	64		87	836	1.163
19	786	0.786	67		92	928	1.181
20	856	0.856	70		97	1026	1.199
21	928	0.928	72	63.68	102	1128	1.216
22	1002	1.002	74		110	1238	1.236
23	1078	1.078	77		116	1354	1.255
24	1157	1.157	79		121	1475	1.274
25	1238	1.238	81		127	1602	1.294
26	1321	1.321	83		132	1734	1.313
27	1405	1.405	84		138	1872	1.332
28	1491	1.491	86	80.47	143	2015	1.352
29	1578	1.578	87		150	2165	1.372
30	1666	1.666	88		155	2320	1.393
31	1755	1.755	89		160	2480	1.413
32	1844	1.844	89		165	2645	1.434
33	1934	1.934	90		169	2814	1.455
34	2024	2.024	90		174	2988	1.476
35	2114	2.114	90	89.01	177	3165	1.497
36	2204	2.204	90		181	3346	1.518
37	2294	2.294	90		184	3530	1.539
38	2383	2.383	90		188	3718	1.560
39	2473	2.473	89		191	3909	1.581
40	2561	2.561	89		194	4103	1.602
41	2650	2.650	88		197	4300	1.623
42	2737	2.737	87	88.98	200	4500	1.644
43	2823	2.823	86		202	4702	1.665
44	2909	2.909	85		205	4906	1.687
45	2993	2.993	84		207	5113	1.708
46	3076	3.076	83		208	5321	1.730
47	3158	3.158	82		210	5531	1.752
48	3238	3.238	80		211	5743	1.774
49	3316	3.316	79	82.79	213	5956	1.796
50	3394	3.394	77		214	6170	1.818
51	3470	3.470	76		215	6384	1.840
52	3544	3.544	74		215	6600	1.862
53	3617	3.617	73		216	6816	1.885
54	3688	3.688	71		217	7032	1.907
55	3756	3.756	69		217	7249	1.930
56	3823	3.823	67	72.40	217	7466	1.953
57	3887	3.887	64		217	7683	1.976
58	3950	3.950	62		217	7900	2.000
59	4010	4.010	60		217	8117	2.024
60	4068	4.068	58		217	8334	2.049
61	4124	4.124	56		216	8551	2.074
62	4177	4.177	54		216	8767	2.099
63	4229	4.229	52	58.01	216	8983	2.124
64	4278	4.278	49		215	9198	2.150
65	4325	4.325	47		215	9413	2.176
66	4370	4.370	45		214	9627	2.203
67	4413	4.413	43		214	9841	2.230
68	4453	4.453	40		213	10054	2.258
69	4491	4.491	38		213	10267	2.286
70	4528	4.528	36	42.62	212	10480	2.315

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

²Feed consumption per living bird.

³FCR 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.

ROSS 308 AP BROILER: Performance Objectives



As-Hatched Performance

Day	Body Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain/Week (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.095					
1	0.122	0.027		0.032	0.032	0.259
2	0.155	0.033		0.038	0.070	0.450
3	0.194	0.039		0.043	0.113	0.583
4	0.240	0.046		0.050	0.163	0.678
5	0.293	0.053		0.057	0.220	0.750
6	0.352	0.059		0.065	0.284	0.808
7	0.418	0.066	0.046	0.073	0.358	0.855
8	0.492	0.074		0.083	0.440	0.895
9	0.572	0.080		0.093	0.533	0.932
10	0.658	0.087		0.103	0.636	0.966
11	0.752	0.094		0.114	0.750	0.997
12	0.854	0.101		0.126	0.876	1.027
13	0.962	0.109		0.138	1.015	1.054
14	1.078	0.116	0.094	0.151	1.165	1.081
15	1.202	0.124		0.163	1.328	1.105
16	1.333	0.131		0.176	1.504	1.129
17	1.472	0.139		0.189	1.694	1.151
18	1.618	0.147		0.202	1.895	1.171
19	1.773	0.154		0.215	2.110	1.190
20	1.934	0.161		0.227	2.337	1.208
21	2.102	0.168	0.146	0.243	2.580	1.227
22	2.276	0.174		0.258	2.838	1.247
23	2.455	0.179		0.271	3.109	1.267
24	2.639	0.184		0.284	3.393	1.286
25	2.828	0.189		0.297	3.690	1.305
26	3.023	0.194		0.310	4.000	1.323
27	3.220	0.198		0.323	4.323	1.342
28	3.423	0.202	0.189	0.335	4.658	1.361
29	3.629	0.207		0.349	5.007	1.380
30	3.839	0.209		0.361	5.369	1.399
31	4.051	0.212		0.374	5.742	1.418
32	4.265	0.214		0.385	6.127	1.437
33	4.481	0.216		0.397	6.524	1.456
34	4.698	0.218		0.408	6.932	1.475
35	4.917	0.219	0.214	0.417	7.349	1.495
36	5.137	0.219		0.427	7.777	1.514
37	5.357	0.220		0.436	8.213	1.533
38	5.577	0.220		0.445	8.658	1.553
39	5.797	0.220		0.454	9.112	1.572
40	6.017	0.220		0.463	9.575	1.591
41	6.236	0.219		0.471	10.046	1.611
42	6.454	0.218	0.219	0.478	10.524	1.631
43	6.670	0.217		0.485	11.008	1.650
44	6.885	0.215		0.491	11.499	1.670
45	7.098	0.213		0.497	11.996	1.690
46	7.308	0.210		0.502	12.499	1.710
47	7.516	0.208		0.507	13.006	1.731
48	7.720	0.205		0.512	13.518	1.751
49	7.922	0.202	0.210	0.516	14.034	1.771
50	8.121	0.199		0.519	14.553	1.792
51	8.316	0.195		0.522	15.076	1.813
52	8.508	0.191		0.525	15.601	1.834
53	8.695	0.187		0.528	16.129	1.855
54	8.878	0.183		0.529	16.658	1.876
55	9.056	0.178		0.531	17.189	1.898
56	9.230	0.174	0.187	0.532	17.721	1.920
57	9.398	0.168		0.533	18.255	1.942
58	9.561	0.163		0.534	18.789	1.965
59	9.718	0.157		0.534	19.323	1.988
60	9.869	0.151		0.535	19.858	2.012
61	10.014	0.145		0.535	20.392	2.036
62	10.154	0.139		0.534	20.927	2.061
63	10.288	0.134	0.151	0.534	21.461	2.086
64	10.414	0.126		0.534	21.995	2.112
65	10.533	0.120		0.533	22.528	2.139
66	10.646	0.113		0.532	23.060	2.166
67	10.752	0.106		0.532	23.592	2.194
68	10.851	0.098		0.531	24.122	2.223
69	10.942	0.092		0.531	24.653	2.253
70	11.028	0.085	0.106	0.530	25.183	2.284

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

²Feed consumption per living bird.

³FCR 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.

ROSS 308 AP BROILER: Performance Objectives



Male Performance

Day	Body Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain/Week (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.095					
1	0.122	0.027		0.030	0.030	0.242
2	0.155	0.033		0.036	0.066	0.424
3	0.195	0.040		0.042	0.108	0.553
4	0.241	0.046		0.049	0.157	0.649
5	0.294	0.053		0.056	0.213	0.723
6	0.354	0.060		0.064	0.277	0.783
7	0.420	0.067	0.046	0.074	0.351	0.834
8	0.494	0.074		0.084	0.434	0.879
9	0.575	0.081		0.094	0.528	0.919
10	0.663	0.088		0.106	0.634	0.956
11	0.759	0.096		0.117	0.751	0.991
12	0.862	0.103		0.130	0.881	1.023
13	0.973	0.111		0.143	1.024	1.053
14	1.092	0.119	0.096	0.156	1.181	1.082
15	1.218	0.127		0.170	1.351	1.108
16	1.353	0.135		0.184	1.534	1.134
17	1.497	0.143		0.198	1.732	1.157
18	1.648	0.152		0.211	1.943	1.179
19	1.808	0.160		0.225	2.168	1.199
20	1.977	0.169		0.238	2.407	1.217
21	2.154	0.177	0.152	0.260	2.667	1.238
22	2.337	0.183		0.273	2.940	1.258
23	2.526	0.188		0.287	3.226	1.277
24	2.720	0.195		0.300	3.526	1.296
25	2.920	0.200		0.314	3.840	1.315
26	3.126	0.205		0.327	4.167	1.333
27	3.335	0.209		0.341	4.508	1.352
28	3.550	0.215	0.199	0.354	4.862	1.369
29	3.771	0.221		0.367	5.229	1.387
30	3.995	0.224		0.381	5.610	1.404
31	4.223	0.228		0.394	6.003	1.422
32	4.454	0.231		0.406	6.410	1.439
33	4.688	0.234		0.419	6.829	1.457
34	4.924	0.236		0.431	7.260	1.474
35	5.162	0.238	0.230	0.443	7.703	1.492
36	5.402	0.240		0.455	8.158	1.510
37	5.644	0.241		0.466	8.623	1.528
38	5.886	0.242		0.476	9.100	1.546
39	6.129	0.243		0.486	9.586	1.564
40	6.372	0.243		0.496	10.082	1.582
41	6.615	0.243		0.505	10.588	1.601
42	6.858	0.243	0.242	0.514	11.102	1.619
43	7.100	0.242		0.523	11.625	1.637
44	7.341	0.241		0.530	12.155	1.656
45	7.580	0.239		0.538	12.692	1.674
46	7.817	0.237		0.544	13.237	1.693
47	8.052	0.235		0.550	13.787	1.712
48	8.285	0.233		0.556	14.343	1.731
49	8.515	0.230	0.237	0.561	14.905	1.750
50	8.741	0.226		0.566	15.471	1.770
51	8.964	0.223		0.570	16.041	1.790
52	9.182	0.219		0.574	16.615	1.810
53	9.396	0.214		0.577	17.193	1.830
54	9.606	0.209		0.580	17.773	1.850
55	9.810	0.204		0.583	18.356	1.871
56	10.010	0.200	0.214	0.585	18.941	1.892
57	10.204	0.194		0.587	19.528	1.914
58	10.392	0.188		0.588	20.116	1.936
59	10.573	0.181		0.589	20.706	1.958
60	10.748	0.175		0.590	21.296	1.981
61	10.915	0.167		0.591	21.886	2.005
62	11.075	0.160		0.591	22.478	2.030
63	11.228	0.153	0.174	0.591	23.069	2.055
64	11.372	0.144		0.591	23.660	2.081
65	11.508	0.136		0.591	24.251	2.107
66	11.634	0.127		0.591	24.842	2.135
67	11.752	0.117		0.590	25.432	2.164
68	11.859	0.107		0.590	26.023	2.194
69	11.958	0.100		0.591	26.613	2.225
70	12.049	0.090	0.117	0.590	27.204	2.258

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

²Feed consumption per living bird.

³FCR 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.

ROSS 308 AP BROILER: Performance Objectives



Female Performance

Day	Body Weight (lb) ¹	Daily Gain (lb)	Av. Daily Gain/Week (lb)	Daily Intake (lb)	Cum. Intake (lb) ²	FCR ³
0	0.095					
1	0.122	0.027		0.034	0.034	0.277
2	0.155	0.033		0.040	0.074	0.477
3	0.194	0.039		0.045	0.119	0.613
4	0.239	0.046		0.051	0.169	0.708
5	0.291	0.052		0.057	0.227	0.778
6	0.350	0.059		0.065	0.292	0.833
7	0.416	0.065	0.046	0.073	0.364	0.877
8	0.489	0.074		0.082	0.446	0.911
9	0.568	0.079		0.091	0.537	0.945
10	0.654	0.086		0.101	0.638	0.976
11	0.746	0.092		0.111	0.749	1.004
12	0.846	0.099		0.122	0.871	1.031
13	0.952	0.106		0.133	1.005	1.056
14	1.065	0.113	0.093	0.145	1.150	1.079
15	1.185	0.120		0.157	1.306	1.102
16	1.313	0.127		0.168	1.475	1.123
17	1.447	0.134		0.180	1.655	1.144
18	1.589	0.142		0.192	1.847	1.163
19	1.737	0.149		0.204	2.052	1.181
20	1.891	0.154		0.215	2.267	1.199
21	2.050	0.159	0.141	0.226	2.493	1.216
22	2.214	0.164		0.243	2.736	1.236
23	2.383	0.169		0.255	2.992	1.255
24	2.558	0.174		0.268	3.260	1.274
25	2.736	0.178		0.280	3.540	1.294
26	2.919	0.183		0.293	3.833	1.313
27	3.105	0.186		0.305	4.137	1.332
28	3.295	0.190	0.178	0.317	4.454	1.352
29	3.488	0.192		0.331	4.785	1.372
30	3.682	0.194		0.342	5.128	1.393
31	3.878	0.196		0.353	5.481	1.413
32	4.075	0.197		0.364	5.845	1.434
33	4.274	0.198		0.374	6.219	1.455
34	4.473	0.199		0.384	6.604	1.476
35	4.672	0.200	0.197	0.391	6.995	1.497
36	4.871	0.199		0.400	7.396	1.518
37	5.070	0.198		0.407	7.802	1.539
38	5.268	0.198		0.415	8.217	1.560
39	5.465	0.197		0.422	8.639	1.581
40	5.661	0.196		0.429	9.068	1.602
41	5.856	0.195		0.436	9.503	1.623
42	6.049	0.193	0.197	0.442	9.945	1.644
43	6.240	0.191		0.447	10.392	1.665
44	6.429	0.189		0.452	10.844	1.687
45	6.615	0.186		0.457	11.301	1.708
46	6.799	0.183		0.461	11.761	1.730
47	6.979	0.180		0.464	12.226	1.752
48	7.156	0.177		0.467	12.693	1.774
49	7.330	0.174	0.183	0.470	13.163	1.796
50	7.501	0.171		0.473	13.636	1.818
51	7.669	0.168		0.475	14.111	1.840
52	7.833	0.164		0.476	14.587	1.862
53	7.994	0.160		0.478	15.064	1.885
54	8.150	0.156		0.479	15.543	1.907
55	8.302	0.152		0.479	16.022	1.930
56	8.450	0.148	0.160	0.480	16.502	1.953
57	8.592	0.142		0.480	16.982	1.976
58	8.730	0.138		0.480	17.461	2.000
59	8.863	0.133		0.480	17.941	2.024
60	8.991	0.128		0.479	18.420	2.049
61	9.114	0.123		0.478	18.898	2.074
62	9.232	0.119		0.478	19.376	2.099
63	9.348	0.115	0.128	0.477	19.853	2.124
64	9.455	0.108		0.476	20.329	2.150
65	9.559	0.104		0.475	20.804	2.176
66	9.658	0.099		0.474	21.278	2.203
67	9.753	0.094		0.473	21.751	2.230
68	9.842	0.089		0.472	22.222	2.258
69	9.926	0.084		0.470	22.693	2.286
70	10.007	0.081	0.094	0.469	23.162	2.315

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

²Feed consumption per living bird.

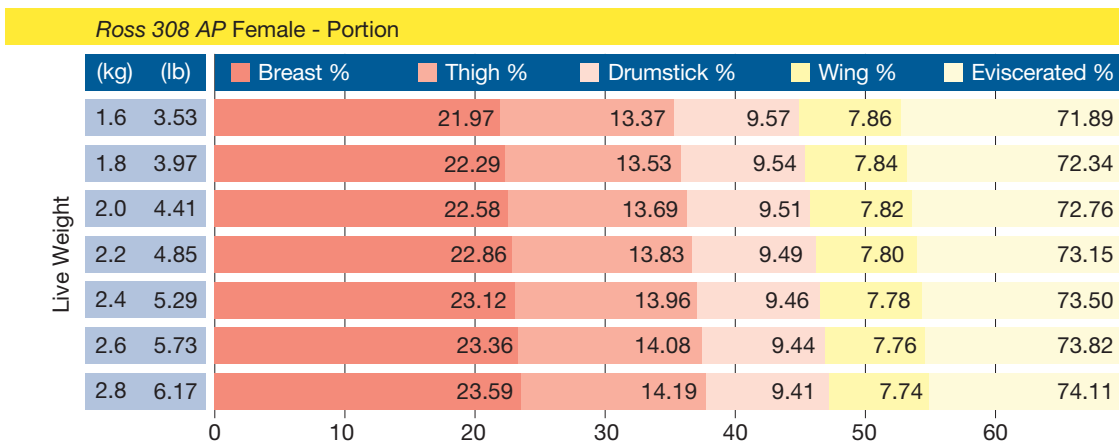
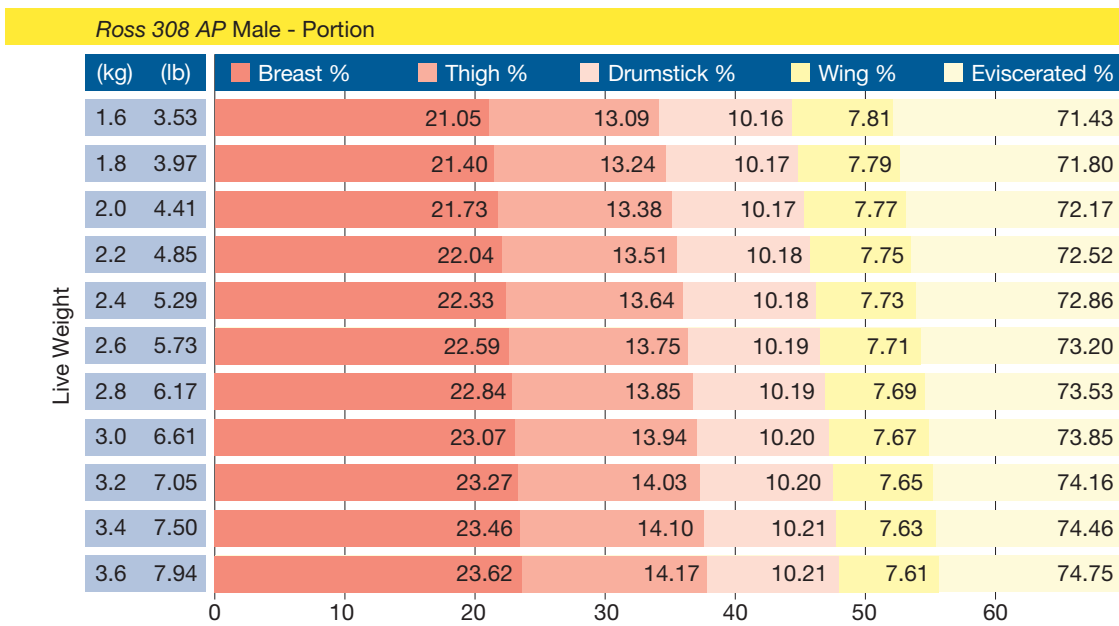
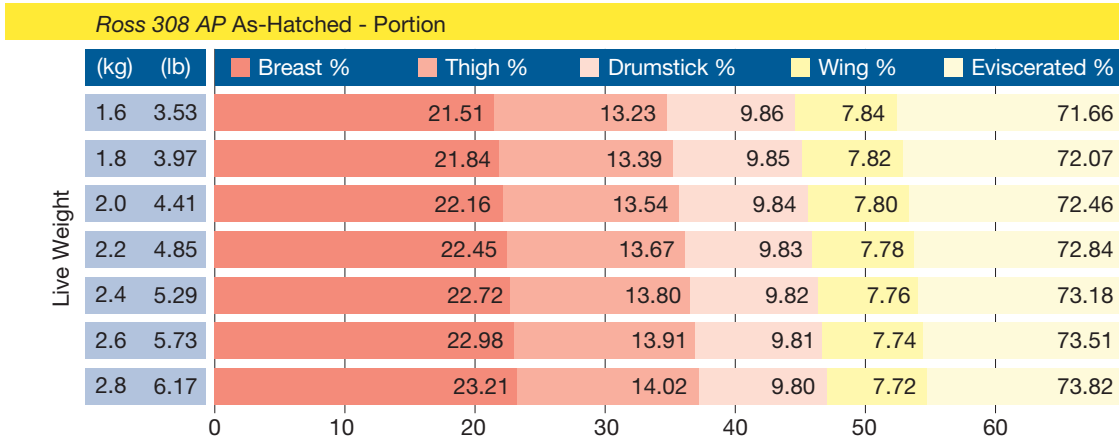
³FCR includes initial body weight at placement and does not account for mortality.

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

ROSS 308 AP BROILER: Performance Objectives

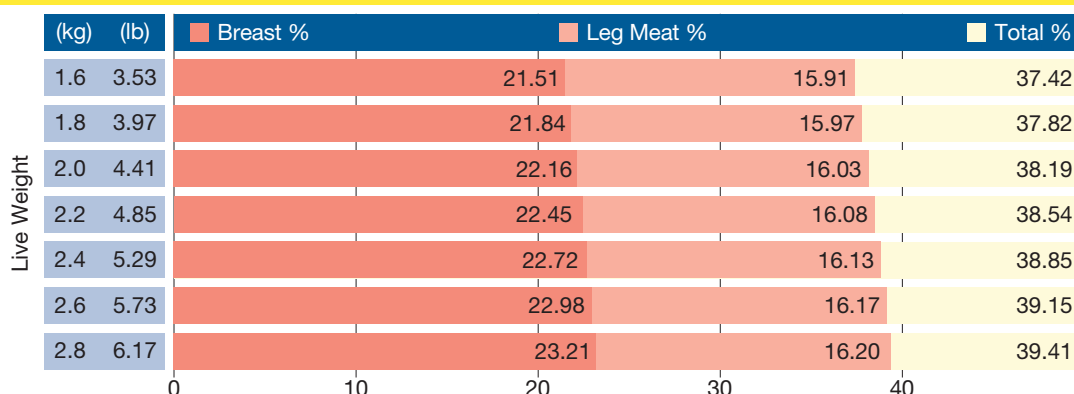
Carcass Yield

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, drumstick and wing to represent a portioning operation and into breast meat and leg meat to represent a deboning operation.



ROSS 308 AP BROILER: Performance Objectives

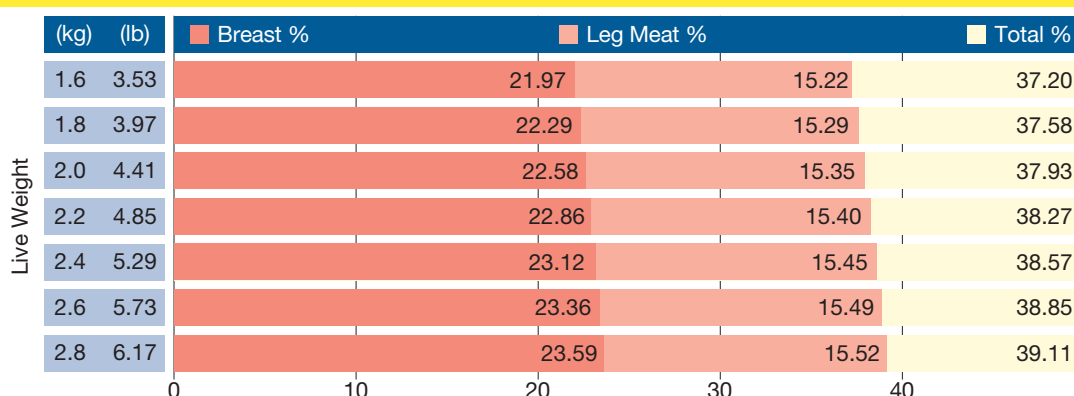
Ross 308 AP As-Hatched - Debone



Ross 308 AP Male - Debone



Ross 308 AP Female - Debone



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.
- Wing %** Whole wing (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.



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