



An Aviagen Brand

# Arbor Acres Plus

# Arbor Acres Plus S

## Broiler Performance Objectives

2022



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# The Arbor Acres Plus and Arbor Acres Plus S

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## Overview

Arbor Acres® is available in two types, one which produces sexable broilers (Plus S) and one which produces all fast-feathering broilers (Plus). The sexable-type produces fast-feathering female broilers and slow-feathering male broilers. This allows the broilers to be sexed in the hatchery by evaluating feather development differences.

Growing male and female broilers separately allows companies to capitalize on the natural growth and developmental differences between the sexes and tailor their nutritional programs. It also enables different requirements for broilers within the same market to be met more efficiently [e.g., fast-feathering females can be grown to supply small birds (rotisserie) and males for larger birds (deboning)]. Sex-separate rearing also improves body-weight uniformity of flocks for the processing plant.

Both fast and slow-feathering types will have similar growth, feed conversion, and meat yield characteristics. The nutritional requirements for the broilers will also be the same.

The objectives are presented in two sections to reflect the global nature of the publication. **Section 1 g** contains the performance data in metric measurements and **Section 2 Ib** contains imperial measurements.

This supplement should be used with the **Arbor Acres Broiler Management Handbook**.

Carcass and carcass component yields will vary among processing plants depending on the type of equipment being used (e.g. carcass chilling technology, automated versus manual deboning, sampling procedures or cutting variation) and the exact carcass component being produced. The carcass and carcass component yield values provided herein are based on extensive data analysis from trials conducted by Aviagen®. These values will differ from prior publications due to new and more extensive data analysis and genetic changes over time. When comparing these values to observations within an operation, keep in mind that how the carcass or carcass component is defined can significantly impact the quantitative value. For example, as % of live weight, carcass yield can differ > 2% due to the presence/absence of abdominal fat pad, water retention differences resulting from the method of carcass chilling, and cutting techniques used in the processing plant and feed withdrawal practices. Further, dietary amino acid and energy density can significantly affect carcass and carcass component yield values. Aviagen will continue to evaluate these values.

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.

**These objectives indicate the performance achievable under good management and environmental conditions and when feeding recommended nutrient levels.**

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

## Key Management Points

Achieving the genetic potential and optimal performance of the birds depends on detailed management and the following points are important for cost effective production of the Arbor Acres Plus and Arbor Acres Plus S broiler:

- Ensure good chick quality by correctly managing conditions at the hatchery, during transport and at farm delivery.
- Develop appetite from good brooding practice and feed a nutritionally balanced Starter diet. Carefully manage the transition from supplementary to automated feeders and drinkers.
- Monitor and adjust environmental conditions (temperature, RH and ventilation) in line with bird behavior and age, but beware of relative humidities less than 50%.
- Check crop fill, vent temperature, feeding and drinking behavior and 7-day body weight to ensure brooding conditions are correct.
- Monitor individual body weight weekly from 21 days onward, and pay close attention to environmental conditions 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.

# Arbor Acres Plus Broiler *As-Hatched Performance*



Day	Body Weight (g) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	44					
1	61	17			13	0.207
2	79	18		17	29	0.370
3	100	20		20	50	0.499
4	123	23		24	74	0.601
5	148	26		28	101	0.682
6	177	29		31	133	0.749
7	209	32	24	35	168	0.803
8	244	35	25	39	207	0.848
9	283	39	27	44	251	0.887
10	325	42	28	48	299	0.920
11	370	45	30	53	351	0.949
12	419	49	31	57	408	0.975
13	471	52	33	62	471	0.999
14	527	56	34	67	538	1.021
15	586	59	36	73	611	1.042
16	648	62	38	78	689	1.062
17	714	66	39	83	772	1.082
18	782	69	41	89	861	1.101
19	854	72	43	95	956	1.120
20	928	75	44	101	1057	1.138
21	1006	77	46	106	1163	1.157
22	1085	80	47	112	1275	1.175
23	1168	82	49	118	1393	1.193
24	1252	85	50	124	1517	1.212
25	1339	87	52	130	1647	1.230
26	1428	89	53	135	1782	1.248
27	1518	91	55	141	1923	1.267
28	1611	92	56	146	2069	1.285
29	1704	94	57	152	2221	1.304
30	1799	95	58	157	2378	1.322
31	1895	96	60	162	2540	1.341
32	1992	97	61	167	2707	1.360
33	2090	98	62	172	2879	1.378
34	2188	98	63	177	3056	1.397
35	2287	99	64	181	3237	1.416

Day	Body Weight (g) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
36	2386	99	65	185	3422	1.435
37	2486	99	66	189	3611	1.454
38	2585	99	67	193	3805	1.473
39	2684	99	68	197	4001	1.491
40	2784	99	68	200	4202	1.510
41	2882	99	69	203	4405	1.529
42	2981	98	70	206	4612	1.548
43	3079	98	71	209	4821	1.567
44	3176	97	71	212	5033	1.586
45	3272	96	72	214	5247	1.605
46	3368	96	72	217	5464	1.624
47	3462	95	73	219	5682	1.643
48	3556	94	73	220	5903	1.661
49	3649	93	74	222	6125	1.680
50	3740	92	74	223	6348	1.699
51	3831	90	74	225	6573	1.718
52	3920	89	75	226	6798	1.736
53	4007	88	75	227	7025	1.755
54	4094	87	75	227	7252	1.773
55	4179	85	75	228	7480	1.792
56	4263	84	75	228	7708	1.810

<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.*

# Arbor Acres Plus Broiler *Male Performance*



Day	Body Weight (g) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	44					
1	61	17			12	0.192
2	79	18		16	27	0.346
3	99	20		19	47	0.471
4	122	23		23	70	0.573
5	147	26		27	97	0.655
6	176	29		31	128	0.724
7	209	32	24	35	163	0.781
8	244	36	25	40	203	0.829
9	284	39	27	44	247	0.870
10	326	43	28	49	296	0.906
11	373	47	30	54	350	0.937
12	423	50	32	59	409	0.965
13	477	54	33	64	473	0.991
14	535	58	35	70	543	1.015
15	597	61	37	76	618	1.037
16	662	65	39	81	700	1.058
17	730	69	40	87	787	1.078
18	803	72	42	94	881	1.097
19	878	76	44	100	981	1.116
20	957	79	46	106	1087	1.135
21	1040	82	47	112	1199	1.153
22	1125	85	49	119	1318	1.172
23	1213	88	51	125	1443	1.190
24	1304	91	52	132	1575	1.208
25	1397	93	54	138	1713	1.226
26	1493	96	56	144	1857	1.244
27	1591	98	57	151	2008	1.262
28	1691	100	59	157	2164	1.280
29	1793	102	60	163	2327	1.298
30	1896	104	62	169	2496	1.316
31	2001	105	63	174	2670	1.334
32	2107	106	64	180	2850	1.352
33	2215	107	66	185	3036	1.371
34	2323	108	67	191	3226	1.389
35	2432	109	68	196	3422	1.407

Day	Body Weight (g) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
36	2542	110	69	201	3623	1.425
37	2652	110	70	205	3828	1.443
38	2762	110	72	210	4037	1.462
39	2873	111	73	214	4251	1.480
40	2983	110	73	218	4469	1.498
41	3094	110	74	222	4690	1.516
42	3204	110	75	225	4915	1.534
43	3313	110	76	228	5144	1.552
44	3422	109	77	231	5375	1.571
45	3531	108	77	234	5609	1.589
46	3638	108	78	237	5846	1.607
47	3745	107	79	239	6085	1.625
48	3851	106	79	241	6326	1.643
49	3956	105	80	243	6570	1.661
50	4059	104	80	245	6815	1.679
51	4162	102	81	246	7061	1.697
52	4263	101	81	248	7309	1.715
53	4363	100	81	249	7557	1.732
54	4461	98	82	250	7807	1.750
55	4558	97	82	250	8058	1.768
56	4654	96	82	251	8309	1.785

<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.*

Day	Body Weight (g) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
0	44					
1	62	18			14	0.223
2	80	18		18	32	0.394
3	100	20		21	53	0.526
4	123	23		25	78	0.629
5	149	26		28	106	0.709
6	178	29		32	138	0.773
7	210	32	24	35	173	0.825
8	244	35	25	39	212	0.867
9	282	38	26	43	255	0.903
10	323	41	28	47	302	0.934
11	367	44	29	51	353	0.961
12	415	47	31	56	408	0.985
13	465	50	32	60	468	1.007
14	519	54	34	65	533	1.028
15	575	57	35	70	603	1.048
16	634	59	37	75	677	1.067
17	697	62	38	80	757	1.086
18	762	65	40	85	841	1.105
19	829	68	41	90	931	1.123
20	899	70	43	95	1027	1.141
21	972	72	44	100	1127	1.160
22	1046	75	46	106	1233	1.178
23	1123	77	47	111	1343	1.197
24	1201	78	48	116	1459	1.215
25	1281	80	49	121	1581	1.234
26	1363	82	51	126	1707	1.252
27	1446	83	52	131	1838	1.271
28	1530	84	53	136	1974	1.290
29	1616	85	54	141	2115	1.309
30	1702	86	55	145	2261	1.328
31	1789	87	56	150	2411	1.348
32	1877	88	57	154	2565	1.367
33	1965	88	58	158	2723	1.386
34	2053	88	59	162	2886	1.406
35	2142	89	60	166	3052	1.425

Day	Body Weight (g) <sup>1</sup>	Daily Gain (g)	Av. Daily Gain (g)	Daily Intake (g)	Cum. Intake (g) <sup>2</sup>	FCR <sup>3</sup>
36	2231	89	61	170	3222	1.444
37	2319	89	61	173	3395	1.464
38	2408	88	62	177	3572	1.484
39	2496	88	63	180	3752	1.503
40	2584	88	63	183	3934	1.523
41	2671	87	64	185	4120	1.542
42	2758	87	65	188	4308	1.562
43	2844	86	65	190	4498	1.582
44	2929	85	66	192	4691	1.601
45	3013	84	66	194	4885	1.621
46	3097	84	66	196	5081	1.641
47	3180	83	67	198	5279	1.660
48	3261	82	67	199	5479	1.680
49	3342	81	67	201	5679	1.700
50	3421	79	68	202	5881	1.719
51	3499	78	68	203	6084	1.739
52	3576	77	68	204	6288	1.758
53	3652	76	68	204	6492	1.778
54	3727	75	68	205	6697	1.797
55	3800	73	68	205	6902	1.816
56	3872	72	68	206	7108	1.836

<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 14 horizontal light green bars, stacked vertically, intended for taking notes. Each bar is approximately 100 pixels high and spans most of the width of the page.

# Arbor Acres Plus Broiler *As-Hatched Performance*



Day	Body Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.097					
1	0.135	0.038			0.028	0.207
2	0.175	0.040		0.037	0.065	0.370
3	0.220	0.045		0.045	0.110	0.499
4	0.270	0.051		0.053	0.162	0.601
5	0.327	0.057		0.061	0.223	0.682
6	0.391	0.063		0.069	0.292	0.749
7	0.461	0.070	0.052	0.078	0.370	0.803
8	0.539	0.078	0.055	0.087	0.457	0.848
9	0.624	0.085	0.058	0.096	0.553	0.887
10	0.716	0.092	0.062	0.106	0.658	0.920
11	0.816	0.100	0.065	0.116	0.774	0.949
12	0.924	0.108	0.069	0.126	0.900	0.975
13	1.039	0.115	0.072	0.137	1.038	0.999
14	1.161	0.123	0.076	0.148	1.186	1.021
15	1.291	0.130	0.080	0.160	1.346	1.042
16	1.429	0.137	0.083	0.172	1.518	1.062
17	1.573	0.144	0.087	0.184	1.702	1.082
18	1.724	0.151	0.090	0.196	1.898	1.101
19	1.882	0.158	0.094	0.209	2.108	1.120
20	2.047	0.164	0.097	0.222	2.329	1.138
21	2.217	0.170	0.101	0.235	2.564	1.157
22	2.393	0.176	0.104	0.247	2.811	1.175
23	2.575	0.181	0.108	0.260	3.072	1.193
24	2.761	0.187	0.111	0.273	3.345	1.212
25	2.952	0.191	0.114	0.286	3.630	1.230
26	3.148	0.196	0.117	0.298	3.929	1.248
27	3.347	0.200	0.120	0.311	4.239	1.267
28	3.551	0.203	0.123	0.323	4.562	1.285
29	3.757	0.206	0.126	0.335	4.897	1.304
30	3.966	0.209	0.129	0.346	5.243	1.322
31	4.178	0.212	0.132	0.358	5.600	1.341
32	4.392	0.214	0.134	0.368	5.969	1.360
33	4.607	0.216	0.137	0.379	6.348	1.378
34	4.824	0.217	0.139	0.389	6.737	1.397
35	5.042	0.218	0.141	0.399	7.136	1.416

Day	Body Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
36	5.261	0.219	0.143	0.408	7.545	1.435
37	5.480	0.219	0.145	0.417	7.962	1.454
38	5.699	0.219	0.147	0.426	8.388	1.473
39	5.918	0.219	0.149	0.434	8.822	1.491
40	6.137	0.219	0.151	0.441	9.263	1.510
41	6.354	0.218	0.153	0.449	9.712	1.529
42	6.571	0.217	0.154	0.455	10.167	1.548
43	6.787	0.216	0.156	0.461	10.628	1.567
44	7.001	0.214	0.157	0.467	11.096	1.586
45	7.214	0.213	0.158	0.473	11.568	1.605
46	7.424	0.211	0.159	0.477	12.045	1.624
47	7.633	0.209	0.160	0.482	12.527	1.643
48	7.840	0.207	0.161	0.486	13.013	1.661
49	8.044	0.204	0.162	0.489	13.502	1.680
50	8.246	0.202	0.163	0.492	13.995	1.699
51	8.445	0.199	0.164	0.495	14.490	1.718
52	8.641	0.196	0.164	0.498	14.988	1.736
53	8.835	0.194	0.165	0.500	15.487	1.755
54	9.026	0.191	0.165	0.501	15.988	1.773
55	9.214	0.188	0.166	0.502	16.490	1.792
56	9.398	0.185	0.166	0.503	16.994	1.810

<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.*

# Arbor Acres Plus Broiler *Male Performance*



Day	Body Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.097					
1	0.134	0.037			0.026	0.192
2	0.173	0.039		0.034	0.060	0.346
3	0.218	0.044		0.043	0.103	0.471
4	0.268	0.050		0.051	0.154	0.573
5	0.325	0.057		0.060	0.213	0.655
6	0.389	0.064		0.068	0.282	0.724
7	0.460	0.071	0.052	0.078	0.359	0.781
8	0.539	0.079	0.055	0.087	0.447	0.829
9	0.625	0.086	0.059	0.097	0.544	0.870
10	0.720	0.094	0.062	0.108	0.652	0.906
11	0.822	0.103	0.066	0.119	0.771	0.937
12	0.933	0.111	0.070	0.130	0.901	0.965
13	1.052	0.119	0.073	0.142	1.043	0.991
14	1.180	0.127	0.077	0.154	1.197	1.015
15	1.315	0.136	0.081	0.167	1.363	1.037
16	1.459	0.144	0.085	0.180	1.543	1.058
17	1.610	0.152	0.089	0.193	1.736	1.078
18	1.770	0.159	0.093	0.206	1.942	1.097
19	1.937	0.167	0.097	0.220	2.162	1.116
20	2.111	0.174	0.101	0.234	2.396	1.135
21	2.292	0.181	0.105	0.248	2.643	1.153
22	2.480	0.188	0.108	0.262	2.905	1.172
23	2.674	0.194	0.112	0.276	3.181	1.190
24	2.874	0.200	0.116	0.290	3.472	1.208
25	3.080	0.206	0.119	0.304	3.776	1.226
26	3.291	0.211	0.123	0.318	4.094	1.244
27	3.507	0.216	0.126	0.332	4.426	1.262
28	3.728	0.220	0.130	0.345	4.771	1.280
29	3.952	0.225	0.133	0.359	5.130	1.298
30	4.180	0.228	0.136	0.372	5.502	1.316
31	4.412	0.231	0.139	0.384	5.887	1.334
32	4.646	0.234	0.142	0.397	6.283	1.352
33	4.883	0.237	0.145	0.409	6.692	1.371
34	5.122	0.239	0.148	0.420	7.113	1.389
35	5.362	0.241	0.150	0.432	7.544	1.407

Day	Body Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
36	5.604	0.242	0.153	0.442	7.986	1.425
37	5.847	0.243	0.155	0.452	8.439	1.443
38	6.090	0.243	0.158	0.462	8.901	1.462
39	6.334	0.244	0.160	0.471	9.372	1.480
40	6.577	0.244	0.162	0.480	9.852	1.498
41	6.821	0.243	0.164	0.488	10.341	1.516
42	7.063	0.243	0.166	0.496	10.837	1.534
43	7.305	0.242	0.168	0.503	11.340	1.552
44	7.545	0.240	0.169	0.510	11.850	1.571
45	7.784	0.239	0.171	0.516	12.366	1.589
46	8.021	0.237	0.172	0.522	12.888	1.607
47	8.256	0.235	0.174	0.527	13.416	1.625
48	8.490	0.233	0.175	0.532	13.947	1.643
49	8.721	0.231	0.176	0.536	14.484	1.661
50	8.949	0.228	0.177	0.540	15.023	1.679
51	9.175	0.226	0.178	0.543	15.567	1.697
52	9.398	0.223	0.179	0.546	16.113	1.715
53	9.618	0.220	0.180	0.548	16.661	1.732
54	9.835	0.217	0.180	0.550	17.212	1.750
55	10.049	0.214	0.181	0.552	17.764	1.768
56	10.260	0.211	0.181	0.553	18.317	1.785

<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.*



# Arbor Acres Plus Broiler *Female Performance*



Day	Body Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
0	0.097					
1	0.136	0.039			0.030	0.223
2	0.176	0.040		0.039	0.070	0.394
3	0.222	0.045		0.047	0.117	0.526
4	0.272	0.051		0.055	0.171	0.629
5	0.329	0.057		0.062	0.233	0.709
6	0.392	0.063		0.070	0.303	0.773
7	0.462	0.070	0.052	0.078	0.381	0.825
8	0.538	0.077	0.055	0.086	0.467	0.867
9	0.622	0.083	0.058	0.095	0.562	0.903
10	0.712	0.090	0.061	0.103	0.665	0.934
11	0.810	0.097	0.065	0.113	0.778	0.961
12	0.914	0.104	0.068	0.122	0.900	0.985
13	1.025	0.111	0.071	0.132	1.033	1.007
14	1.143	0.118	0.075	0.143	1.175	1.028
15	1.268	0.125	0.078	0.153	1.329	1.048
16	1.399	0.131	0.081	0.164	1.493	1.067
17	1.536	0.137	0.085	0.175	1.668	1.086
18	1.679	0.143	0.088	0.187	1.855	1.105
19	1.828	0.149	0.091	0.198	2.053	1.123
20	1.983	0.154	0.094	0.210	2.263	1.141
21	2.142	0.159	0.097	0.221	2.484	1.160
22	2.306	0.164	0.100	0.233	2.717	1.178
23	2.475	0.169	0.103	0.244	2.962	1.197
24	2.648	0.173	0.106	0.256	3.218	1.215
25	2.825	0.177	0.109	0.267	3.485	1.234
26	3.005	0.180	0.112	0.278	3.763	1.252
27	3.188	0.183	0.114	0.289	4.053	1.271
28	3.374	0.186	0.117	0.300	4.353	1.290
29	3.562	0.188	0.119	0.311	4.663	1.309
30	3.752	0.190	0.122	0.321	4.984	1.328
31	3.944	0.192	0.124	0.331	5.314	1.348
32	4.137	0.193	0.126	0.340	5.655	1.367
33	4.331	0.194	0.128	0.349	6.004	1.386
34	4.526	0.195	0.130	0.358	6.362	1.406
35	4.722	0.195	0.132	0.367	6.728	1.425

Day	Body Weight (lb) <sup>1</sup>	Daily Gain (lb)	Av. Daily Gain (lb)	Daily Intake (lb)	Cum. Intake (lb) <sup>2</sup>	FCR <sup>3</sup>
36	4.917	0.196	0.134	0.375	7.103	1.444
37	5.113	0.195	0.136	0.382	7.485	1.464
38	5.308	0.195	0.137	0.389	7.875	1.484
39	5.502	0.194	0.139	0.396	8.271	1.503
40	5.696	0.194	0.140	0.403	8.674	1.523
41	5.888	0.192	0.141	0.409	9.083	1.542
42	6.080	0.191	0.142	0.414	9.497	1.562
43	6.269	0.190	0.144	0.420	9.917	1.582
44	6.457	0.188	0.145	0.424	10.341	1.601
45	6.644	0.186	0.145	0.429	10.770	1.621
46	6.828	0.184	0.146	0.433	11.203	1.641
47	7.010	0.182	0.147	0.436	11.639	1.660
48	7.190	0.180	0.148	0.440	12.079	1.680
49	7.367	0.178	0.148	0.443	12.521	1.700
50	7.542	0.175	0.149	0.445	12.966	1.719
51	7.715	0.173	0.149	0.447	13.413	1.739
52	7.885	0.170	0.150	0.449	13.862	1.758
53	8.052	0.167	0.150	0.451	14.313	1.778
54	8.216	0.164	0.150	0.452	14.764	1.797
55	8.378	0.162	0.151	0.453	15.217	1.816
56	8.537	0.159	0.151	0.453	15.670	1.836

<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 14 horizontal light green bars, stacked vertically, intended for taking notes. Each bar is approximately 100 pixels high and spans most of the width of the page.

# Arbor Acres Plus Broiler *Carcass Yield*

The following table indicates 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.

## MALE

		Portion					Debone		
Live Weight kg	Live Weight lb	Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	69.77	21.32	12.87	9.95	7.68	15.18	21.32	36.49
1.8	3.97	70.64	22.33	13.13	9.92	7.64	15.67	22.33	38.00
2.0	4.41	71.33	23.15	13.34	9.89	7.61	16.06	23.15	39.20
2.2	4.85	71.90	23.81	13.51	9.86	7.58	16.37	23.81	40.19
2.4	5.29	72.37	24.37	13.65	9.84	7.56	16.64	24.37	41.01
2.6	5.73	72.77	24.83	13.77	9.82	7.54	16.87	24.83	41.70
2.8	6.17	73.11	25.24	13.87	9.81	7.52	17.06	25.24	42.30
3.0	6.61	73.41	25.59	13.96	9.79	7.51	17.23	25.59	42.81
3.2	7.05	73.67	25.89	14.04	9.78	7.49	17.37	25.89	43.26
3.4	7.50	73.90	26.16	14.11	9.77	7.48	17.50	26.16	43.66
3.6	7.94	74.10	26.40	14.17	9.76	7.47	17.62	26.40	44.02
3.8	8.38	74.28	26.61	14.22	9.75	7.46	17.72	26.61	44.33
4.0	8.82	74.45	26.80	14.27	9.75	7.46	17.81	26.80	44.62
4.2	9.26	74.59	26.98	14.32	9.74	7.45	17.90	26.98	44.87
4.4	9.70	74.73	27.14	14.36	9.73	7.44	17.97	27.14	45.11
4.6	10.14	74.85	27.28	14.40	9.73	7.44	18.04	27.28	45.32
4.8	10.58	74.96	27.41	14.43	9.72	7.43	18.10	27.41	45.52



Eviscerated %: Eviscerated carcass (without neck, abdominal fat and internal organs) as a percentage of live weight.



Drumstick %: Whole drumstick (with skin and bone) as a percentage of live weight.



Breast %: Breast meat (without skin and bone) as a percentage of live weight.



Wing %: Whole wing, clean cut at the joint (with skin and bone) as a percentage of live weight.



Thigh %: Whole thigh (with skin and bone) as a percentage of live weight.

Leg %: Whole leg (without skin and bone) as a percentage of live weight. Total meat %: Whole leg and breast (without skin and bone) 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.

# Arbor Acres Plus Broiler *Carcass Yield*

The following table indicates 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.

## FEMALE

		Portion					Debone		
Live Weight kg	Live Weight lb	Eviscerated %	Breast %	Thigh %	Drumstick %	Wing %	Leg Meat %	Breast %	Total Meat %
1.6	3.53	70.06	22.75	13.05	9.51	7.66	15.76	22.75	38.50
1.8	3.97	71.01	23.95	13.20	9.43	7.61	15.91	23.95	39.85
2.0	4.41	71.77	24.91	13.33	9.37	7.57	16.03	24.91	40.93
2.2	4.85	72.39	25.69	13.43	9.31	7.54	16.12	25.69	41.81
2.4	5.29	72.90	26.35	13.51	9.27	7.52	16.20	26.35	42.55
2.6	5.73	73.34	26.90	13.58	9.23	7.50	16.27	26.90	43.17
2.8	6.17	73.72	27.38	13.65	9.20	7.48	16.33	27.38	43.71
3.0	6.61	74.04	27.79	13.70	9.17	7.46	16.38	27.79	44.17
3.2	7.05	74.33	28.15	13.74	9.14	7.45	16.43	28.15	44.57
3.4	7.50	74.58	28.47	13.79	9.12	7.44	16.47	28.47	44.93
3.6	7.94	74.80	28.75	13.82	9.10	7.42	16.50	28.75	45.25
3.8	8.38	75.00	29.00	13.86	9.09	7.41	16.53	29.00	45.53
4.0	8.82	75.18	29.23	13.88	9.07	7.41	16.56	29.23	45.79



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 %: Whole thigh (with skin and bone) as a percentage of live weight.



Drumstick %: Whole drumstick (with skin and bone) as a percentage of live weight.



Wing %: Whole wing, clean cut at the joint (with skin and bone) as a percentage of live weight.

Leg %: Whole leg (without skin and bone) as a percentage of live weight. Total meat %: Whole leg and breast (without skin and bone) 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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