



®

DEKALB

PREMIUM
PERFORMANCE

DEKALB BROWN PRODUCT GUIDE

CAGE HOUSING



Achieving the full genetic potential of the Dekalb Brown

Dekalb Brown Features

- Appealing dark brown eggs
- Superior shell quality
- Excellent laying persistency and productivity



Warranty Disclaimer

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The DEKALB Brown Today

The Dekalb Brown is a well-balanced brown egg layer that produces very strong shelled, dark brown eggs. An ideal layer for high numbers of first quality, medium-sized, table eggs, the Dekalb Brown delivers predictable and proven profits for egg producers.

With high peak production and excellent laying persistency the Dekalb Brown is a proven all-round performer.



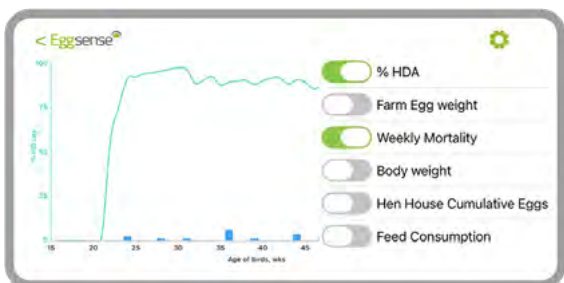
Eggsense^{lite}

EggsenseLite is for commercial laying, parent stock and rearing farms. It is an ideal starting point for digitally transforming your daily operations. It works offline as well as online.



EggsenseLite helps egg producers, pullet growers, and parent stock farmers capture, monitor and review only the most critical aspects of your current flocks, wherever they are.

<https://eggbase.co.uk/eggsenselite/>



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Dekalb Brown

Production summary

Laying period	80 wks	90 wks	100 wks
Livability (%)	94	93	92
Age at 50% production	143	143	143
Peak of production (%)	97.5	97.5	97.5
Average egg weight (g)	61.0	61.3	61.5
Eggs hen housed	377	431	482
Egg mass hen housed (kg)	22.98	26.37	26.61
Average feed intake (g/day)	112	112	111
Cum. feed conver.(kg/kg)	2.09	2.10	2.12
Body weight (g)	1900	1900	1900
Shell strength (g/cm ²)	4250	4250	4250
Shell color (lab)	10.0	10.0	10.0
Haugh units	84	84	84

We crack millions of eggs to
be certain that yours won't



Dekalb Brown

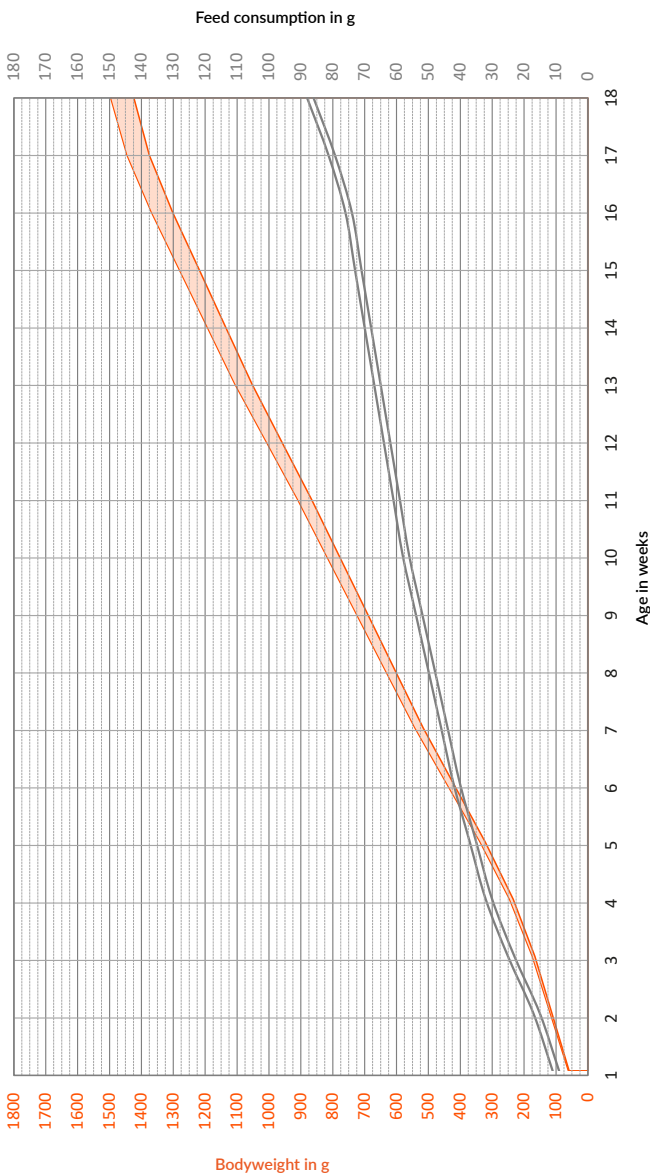
Rearing table

Age in weeks	Feed intake per bird per day (g)		Feed intake per bird cum. (g)		Body weight (g)	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
1	9	11	63	77	59	62
2	15	17	168	196	112	118
3	23	25	329	371	166	174
4	30	32	539	595	234	246
5	35	37	784	854	322	338
6	40	42	1,064	1,148	419	441
7	44	46	1,372	1,470	517	543
8	48	50	1,708	1,820	605	636
9	52	54	2,072	2,198	692	728
10	56	58	2,464	2,604	780	820
11	59	61	2,877	3,031	868	912
12	62	64	3,311	3,479	960	1,010
13	65	67	3,766	3,948	1,053	1,107
14	68	70	4,242	4,438	1,136	1,194
15	71	73	4,739	4,949	1,219	1,281
16	74	76	5,257	5,481	1,302	1,368
17	79	81	5,812	6,050	1,375	1,445
18	86	88	6,414	6,666	1,424	1,497

The information supplied in this guide is based on many actual flock results obtained under good environment and managing conditions. It is presented as a service to our customers and should be used as a guide only. It does not constitute a guarantee or warranty of performance in any way.

Dekalb Brown

Rearing graph



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Production table 1

PER HEN DAY

Age in weeks	% Lay	Egg weight (g)	Egg mass per day (g)	Feed intake per day (g)	Feed conversion per week
18	4.5	40.6	1.8	87	48.09
19	16.4	44.2	7.3	93	12.82
20	42.3	47.3	20.0	98	4.91
21	68.4	49.9	34.1	102	2.99
22	86.9	52.1	45.3	105	2.32
23	95.3	53.9	51.4	107	2.08
24	96.8	55.5	53.7	109	2.03
25	97.3	56.7	55.2	111	2.01
26	97.4	57.8	56.3	112	1.99
27	97.5	58.7	57.2	113	1.97
28	97.5	59.2	57.8	114	1.97
29	97.5	59.8	58.2	114	1.96
30	97.4	60.2	58.6	114	1.95
31	97.3	60.5	58.9	114	1.94
32	97.2	60.7	59.0	114	1.93
33	97.0	60.9	59.1	114	1.93
34	96.9	61.1	59.2	114	1.93
35	96.7	61.3	59.2	114	1.93
36	96.5	61.4	59.2	114	1.92
37	96.3	61.5	59.2	114	1.93
38	96.0	61.6	59.2	114	1.93
39	95.8	61.7	59.1	114	1.93
40	95.6	61.8	59.1	114	1.93
41	95.3	61.9	59.0	114	1.93
42	95.1	61.9	58.9	114	1.94
43	94.9	61.9	58.7	114	1.94
44	94.6	61.9	58.6	114	1.95
45	94.4	61.9	58.5	114	1.95
46	94.2	62.0	58.4	114	1.95
47	93.9	62.0	58.2	114	1.96
48	93.7	62.0	58.1	114	1.96
49	93.4	62.0	58.0	114	1.97
50	93.1	62.1	57.8	114	1.97
51	92.7	62.1	57.6	114	1.98
52	92.5	62.1	57.4	114	1.98
53	92.2	62.1	57.3	114	1.99
54	91.9	62.2	57.1	114	2.00
55	91.6	62.2	57.0	114	2.00
56	91.3	62.2	56.8	114	2.01
57	91.1	62.3	56.7	114	2.01
58	90.8	62.3	56.5	114	2.02
59	90.5	62.3	56.4	114	2.02

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Production table 1

PER HEN HOUSED

Age in weeks	Eggs per bird cum.	Egg mass cum. (kg)	Feed intake cum. (kg)	Feed conversion cum.	% Livability	Body weight (g)
18	0	0.0	0.6	48.09	99.9	1,460
19	1	0.1	1.3	19.87	99.8	1,525
20	4	0.2	1.9	9.58	99.7	1,595
21	9	0.4	2.7	6.02	99.6	1,650
22	15	0.8	3.4	4.48	99.5	1,705
23	22	1.1	4.1	3.71	99.4	1,745
24	29	1.5	4.9	3.29	99.3	1,778
25	35	1.9	5.7	3.02	99.2	1,800
26	42	2.3	6.4	2.85	99.1	1,820
27	49	2.7	7.2	2.72	99.0	1,840
28	56	3.1	8.0	2.62	98.9	1,855
29	62	3.5	8.8	2.54	98.8	1,865
30	69	3.9	9.6	2.48	98.8	1,872
31	76	4.3	10.4	2.43	98.7	1,880
32	83	4.7	11.2	2.38	98.6	1,885
33	89	5.1	11.9	2.35	98.5	1,890
34	96	5.5	12.7	2.32	98.4	1,892
35	103	5.9	13.5	2.29	98.3	1,895
36	109	6.3	14.3	2.27	98.2	1,896
37	116	6.7	15.1	2.25	98.1	1,899
38	122	7.1	15.9	2.23	98.0	1,900
39	129	7.5	16.6	2.21	97.9	1,900
40	135	7.9	17.4	2.20	97.8	1,900
41	142	8.3	18.2	2.18	97.7	1,900
42	148	8.7	19.0	2.17	97.6	1,900
43	155	9.1	19.8	2.16	97.5	1,900
44	161	9.5	20.5	2.15	97.4	1,900
45	168	9.9	21.3	2.14	97.3	1,900
46	174	10.3	22.1	2.14	97.2	1,900
47	181	10.7	22.9	2.13	97.1	1,900
48	187	11.1	23.6	2.12	97.0	1,900
49	193	11.5	24.4	2.12	96.9	1,900
50	200	11.9	25.2	2.11	96.8	1,900
51	206	12.3	26.0	2.11	96.7	1,900
52	212	12.7	26.7	2.11	96.6	1,900
53	218	13.1	27.5	2.10	96.5	1,900
54	225	13.5	28.3	2.10	96.4	1,900
55	231	13.8	29.0	2.10	96.4	1,900
56	237	14.2	29.8	2.09	96.3	1,900
57	243	14.6	30.6	2.09	96.2	1,900
58	249	15.0	31.3	2.09	96.1	1,900
59	255	15.4	32.1	2.09	96.0	1,900



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Production table 2

PER HEN DAY

Age in weeks	% Lay	Egg weight (g)	Egg mass per day (g)	Feed intake per day (g)	Feed conversion per week
60	90.2	62.3	56.2	114	2.03
61	89.9	62.4	56.1	114	2.03
62	89.6	62.4	55.9	114	2.04
63	89.3	62.4	55.8	114	2.04
64	89.1	62.4	55.6	114	2.05
65	88.8	62.5	55.4	114	2.06
66	88.5	62.5	55.3	114	2.06
67	88.2	62.5	55.1	114	2.07
68	87.9	62.6	55.0	114	2.07
69	87.6	62.6	54.8	114	2.08
70	87.2	62.6	54.6	114	2.09
71	86.9	62.6	54.5	114	2.09
72	86.6	62.7	54.3	114	2.10
73	86.3	62.7	54.1	114	2.11
74	86.0	62.7	53.9	114	2.11
75	85.7	62.7	53.8	114	2.12
76	85.4	62.8	53.6	114	2.13
77	85.0	62.8	53.4	114	2.13
78	84.7	62.8	53.2	114	2.14
79	84.4	62.8	53.0	114	2.15
80	84.1	62.9	52.9	114	2.16
81	83.7	62.9	52.7	114	2.16
82	83.4	62.9	52.5	114	2.17
83	83.1	63.0	52.3	114	2.18
84	82.7	63.0	52.1	114	2.19
85	82.4	63.0	51.9	114	2.20
86	82.1	63.0	51.7	114	2.20
87	81.7	63.1	51.5	114	2.21
88	81.4	63.1	51.3	114	2.22
89	81.1	63.1	51.2	114	2.23
90	80.7	63.1	51.0	114	2.24
91	80.4	63.2	50.8	114	2.25
92	80.0	63.2	50.6	114	2.25
93	79.7	63.2	50.4	114	2.26
94	79.4	63.3	50.2	114	2.27
95	79.1	63.3	50.0	114	2.28
96	78.7	63.3	49.8	114	2.29
97	78.4	63.3	49.6	114	2.30
98	78.1	63.4	49.5	114	2.30
99	77.7	63.4	49.3	114	2.31
100	77.4	63.4	49.1	114	2.32

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Production table 2

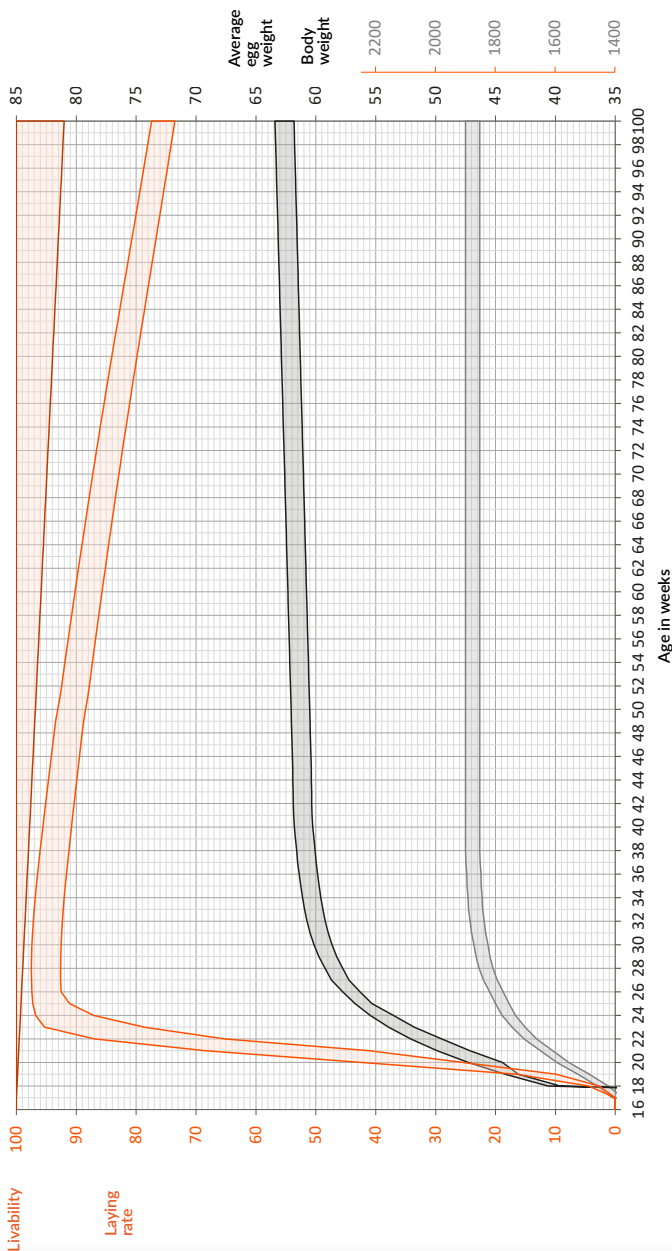
PER HEN HOUSED

Age in weeks	Eggs per bird cum.	Egg mass cum. (kg)	Feed intake cum. (kg)	Feed conversion cum.	% Livability	Body weight (g)
60	261	15.7	32.9	2.09	95.9	1,900
61	267	16.1	33.6	2.09	95.8	1,900
62	273	16.5	34.4	2.09	95.7	1,900
63	279	16.9	35.2	2.08	95.6	1,900
64	285	17.2	35.9	2.08	95.5	1,900
65	291	17.6	36.7	2.08	95.4	1,900
66	297	18.0	37.4	2.08	95.3	1,900
67	303	18.3	38.2	2.08	95.2	1,900
68	309	18.7	39.0	2.08	95.1	1,900
69	315	19.1	39.7	2.08	95.0	1,900
70	320	19.4	40.5	2.08	94.9	1,900
71	326	19.8	41.2	2.08	94.8	1,900
72	332	20.2	42.0	2.08	94.7	1,900
73	338	20.5	42.7	2.08	94.6	1,900
74	343	20.9	43.5	2.08	94.5	1,900
75	349	21.2	44.3	2.08	94.4	1,900
76	355	21.6	45.0	2.08	94.3	1,900
77	360	21.9	45.8	2.09	94.2	1,900
78	366	22.3	46.5	2.09	94.1	1,900
79	371	22.6	47.3	2.09	94.0	1,900
80	377	23.0	48.0	2.09	94.0	1,900
81	382	23.3	48.8	2.09	93.9	1,900
82	388	23.7	49.5	2.09	93.8	1,900
83	393	24.0	50.3	2.09	93.7	1,900
84	399	24.4	51.0	2.09	93.6	1,900
85	404	24.7	51.7	2.10	93.5	1,900
86	410	25.0	52.5	2.10	93.4	1,900
87	415	25.4	53.2	2.10	93.3	1,900
88	420	25.7	54.0	2.10	93.2	1,900
89	425	26.0	54.7	2.10	93.1	1,900
90	431	26.4	55.5	2.10	93.0	1,900
91	436	26.7	56.2	2.10	92.9	1,900
92	441	27.0	56.9	2.11	92.8	1,900
93	446	27.4	57.7	2.11	92.7	1,900
94	451	27.7	58.4	2.11	92.6	1,900
95	457	28.0	59.2	2.11	92.5	1,900
96	462	28.3	59.9	2.11	92.4	1,900
97	467	28.7	60.6	2.12	92.3	1,900
98	472	29.0	61.4	2.12	92.2	1,900
99	477	29.3	62.1	2.12	92.1	1,900
100	482	29.6	62.8	2.12	92.0	1,900



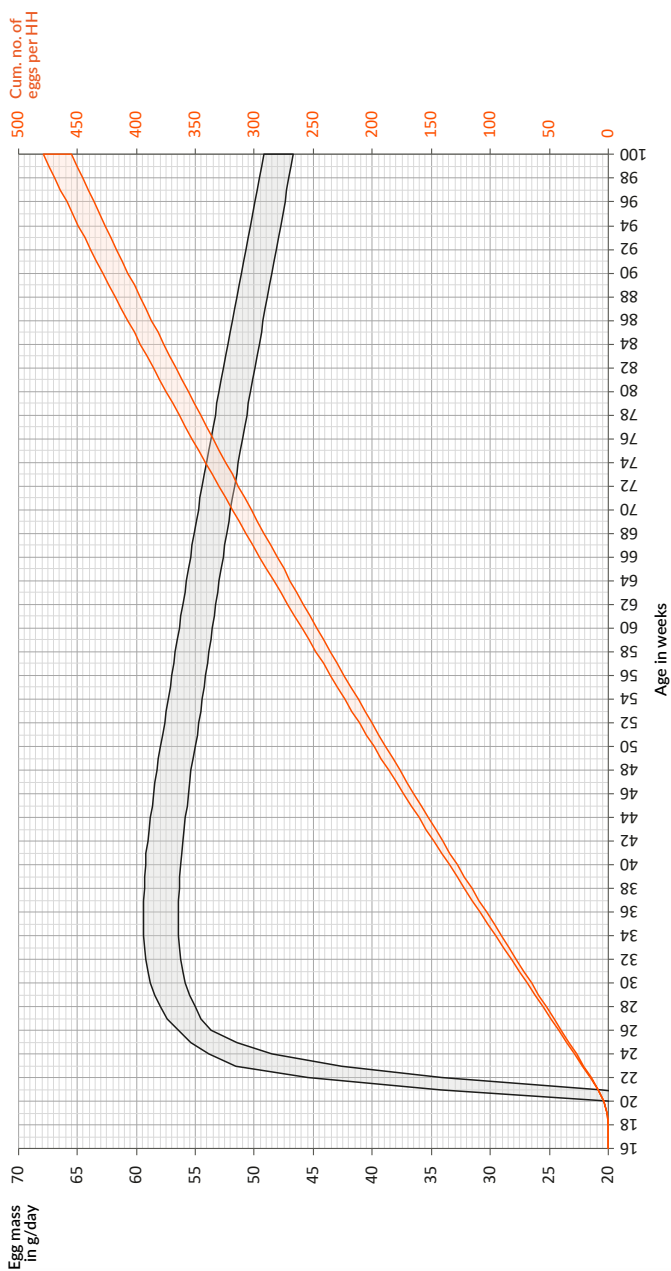
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Production graph



Dekalb Brown

Production graph



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Egg grading

Age in weeks	Average egg weight	% grading S <53 g	% grading M 53-63 g	% grading L 63-73 g	% grading XL >73 g
18	40.6	100.0	0.0	0.0	0.0
19	44.2	99.4	0.6	0.0	0.0
20	47.3	93.5	6.4	0.0	0.0
21	49.9	78.3	21.6	0.1	0.0
22	52.1	58.7	40.9	0.4	0.0
23	53.9	41.4	56.8	1.8	0.0
24	55.5	28.9	66.6	4.5	0.0
25	56.7	20.6	71.1	8.3	0.0
26	57.8	15.2	72.0	12.8	0.0
27	58.7	11.2	70.8	17.9	0.1
28	59.2	9.4	69.2	21.2	0.2
29	59.8	7.9	67.3	24.6	0.3
30	60.2	6.8	65.4	27.4	0.4
31	60.5	6.1	63.8	29.6	0.5
32	60.7	5.6	62.4	31.5	0.6
33	60.9	5.2	61.2	33.0	0.7
34	61.1	4.9	60.2	34.2	0.8
35	61.3	4.6	59.3	35.3	0.8
36	61.4	4.4	58.5	36.3	0.9
37	61.5	4.2	57.7	37.2	1.0
38	61.6	4.0	57.1	37.8	1.0
39	61.7	3.9	56.5	38.5	1.1
40	61.8	3.8	55.8	39.2	1.2
41	61.9	3.7	55.4	39.7	1.2
42	61.9	3.6	55.2	39.9	1.2
43	61.9	3.6	55.2	40.0	1.2
44	61.9	3.6	55.0	40.1	1.3
45	61.9	3.6	55.0	40.2	1.3
46	62.0	3.5	54.8	40.4	1.3
47	62.0	3.5	54.6	40.6	1.3
48	62.0	3.5	54.4	40.8	1.3
49	62.0	3.4	54.2	41.0	1.4
50	62.1	3.4	54.1	41.2	1.4
51	62.1	3.4	53.9	41.4	1.4
52	62.1	3.3	53.7	41.6	1.4
53	62.1	3.3	53.5	41.7	1.5
54	62.2	3.3	53.3	41.9	1.5
55	62.2	3.2	53.1	42.1	1.5
56	62.2	3.2	53.0	42.3	1.5
57	62.3	3.2	52.8	42.5	1.5
58	62.3	3.1	52.6	42.7	1.6
59	62.3	3.1	52.4	42.9	1.6

Dekalb Brown

Egg grading

Age in weeks	Average egg weight	% grading S <53 g	% grading M 53-63 g	% grading L 63-73 g	% grading XL >73 g
60	62.3	3.1	52.2	43.1	1.6
61	62.4	3.0	52.1	43.3	1.7
62	62.4	3.0	51.9	43.5	1.7
63	62.4	3.0	51.7	43.6	1.7
64	62.4	2.9	51.5	43.8	1.7
65	62.5	2.9	51.3	44.0	1.8
66	62.5	2.9	51.1	44.2	1.8
67	62.5	2.8	50.9	44.4	1.8
68	62.6	2.8	50.8	44.6	1.8
69	62.6	2.8	50.6	44.8	1.9
70	62.6	2.8	50.4	45.0	1.9
71	62.6	2.7	50.2	45.1	1.9
72	62.7	2.7	50.0	45.3	2.0
73	62.7	2.7	49.8	45.5	2.0
74	62.7	2.6	49.6	45.7	2.0
75	62.7	2.6	49.5	45.9	2.0
76	62.8	2.6	49.3	46.1	2.1
77	62.8	2.6	49.1	46.2	2.1
78	62.8	2.5	48.9	46.4	2.1
79	62.8	2.5	48.7	46.6	2.2
80	62.9	2.5	48.5	46.8	2.2
81	62.9	2.5	48.3	47.0	2.2
82	62.9	2.4	48.1	47.2	2.3
83	63.0	2.4	48.0	47.3	2.3
84	63.0	2.4	47.8	47.5	2.3
85	63.0	2.4	47.6	47.7	2.4
86	63.0	2.3	47.4	47.9	2.4
87	63.1	2.3	47.2	48.0	2.4
88	63.1	2.3	47.0	48.2	2.5
89	63.1	2.3	46.8	48.4	2.5
90	63.1	2.2	46.6	48.6	2.6
91	63.2	2.2	46.5	48.8	2.6
92	63.2	2.2	46.3	48.9	2.6
93	63.2	2.2	46.1	49.1	2.7
94	63.3	2.1	45.9	49.3	2.7
95	63.3	2.1	45.7	49.4	2.7
96	63.3	2.1	45.5	49.6	2.8
97	63.3	2.1	45.3	49.8	2.8
98	63.4	2.1	45.1	50.0	2.9
99	63.4	2.0	44.9	50.1	2.9
100	63.4	2.0	44.8	50.3	2.9

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